CITY OF CREST HILL

2026 OAKLAND AVENUE

WATER MAIN IMPROVEMENT PROJECT

Crest Hill

CITY OF NEIGHBORS

# AGREEMENT
# BETWEEN THE CITY OF CREST HILL
# AND "CONTRACTOR"

**THIS AGREEMENT** ("Agreement") is made and entered into by and between the City of Crest Hill ("City") and P.T. Ferro Construction Co. ("Contractor") on this, the ___ day of _____, 2026. The City and the Contractor may be referred to individually as a "Party" or collectively as the "Parties," where appropriate.

1. The Contract Documents, in order of priority, shall consist of the following:

   i. This Agreement

   ii. Addendum number 1, inclusive.

   iii. Addendum number 2, inclusive.

   iv. DCEO Project Requirements.

   v. Contract Special Provisions bearing the title "Special Provisions for Oakland Avenue Water Main Improvement Project."

   vi. All Contract Drawings and Construction Details included with the notice to bidders, invitation to bid, and bidding instructions for the Oakland Avenue Water Main Improvement Project.

   vii. City of Crest Hill Division 100 bearing the title General Requirements and Covenants

   viii. Performance and Payment Bonds.

   ix. Contractor's Bid and Proposal.

   x. All documentation submitted by Contractor prior to notice of Award.

   xi. Notice to bidders, invitation to bid, and bidding instructions for the Oakland Avenue Water Main Improvement Project.

   xii. Notice of Award.

   xiii. Notice to Proceed.

   The documents listed in this Paragraph 1, above, are not attached to this Agreement (except as expressly noted otherwise above) but are incorporated herein by reference. The Contract Documents (as set forth above) may only be amended, modified, or supplemented as provided in the City of Crest Hill Division 100 bearing the title General Requirements and Covenants. To the extent any provisions of any of the Contract Documents conflict with this Agreement, the provisions that are most beneficial to the City shall control. In the event that the Contract believes such a conflict exists, the Contractor shall, as soon as practicable, request clarification from the City.

## 2. THE WORK

The Contractor shall fully execute the Work, as described and set out in the Contract Documents in a good and workmanlike manner.

## 3. DATES OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

The Contractor shall commence the work within fifteen (15) days after the date set forth in the Notice to Proceed issued by the City in connection with this Agreement (the "Commencement Date"). The Contractor shall achieve substantial completion of the entire Work:

____ Within _____ days after the Commencement Date.

_X_ On or before November 6, 2026 for all water main, storm sewer, and pavement/ concrete work, and May 14, 2027 for all pavement marking and restoration related scope.

After the date of substantial completion, the Contractor shall have an additional 5 working days to complete all clean-up and punch-list items.

The Contractor shall not be entitled to payment or compensation for any alleged damages, costs, or expenses whatsoever that arise in connection with the Contractor ensuring timely completion of the Work, regardless of the source or cause of such alleged damages, costs, or expenses and regardless of whether said source or cause was reasonable, foreseeable, or avoidable. In the event that the Contractor believes that it will suffer damages or incur additional costs, including but not limited to any costs of acceleration, or expenses and the source or cause of such damages, costs, or expenses was an act of the City or an act of God, the Contractor's only recourse and remedy shall be to request an extension of the time for substantial completion, which the City may agree, but is not obligated, to grant in its sole discretion.

## 4. LIQUIDATED DAMAGES

The City and the Contractor agree that any breach of this agreement by the Contractor that results in the delay of the project will cause the City to be damaged in a manner and amount that is uncertain and difficult to ascertain. In light of this agreement, the City and Contractor further agree that, in the event that the Contractor breaches any provision of this Agreement and such breach results in any delay of the project, the Contractor shall pay the City liquidated damages in the amounts set forth in the Contract Documents. The Parties agree and affirm that, while actual damages may be difficult to prove because of an unexpected breach of this Agreement, and delay of the project, by the Contractor, the liquidated damages set forth in the Contract Documents are reasonable as of the time this Agreement is executed. Further, the Parties agree and affirm that said damages bear a rational relation and connection to the damages that are reasonably foreseeable to be sustained by the City as a result of Contractor's unexpected breach of this Agreement. Accordingly, it is the express intent of the Parties, as evidenced by their respective execution of this Agreement, to hereby settle any claims of damages that might arise as a result

of Contractor's breach of this Agreement, to the extent that such breach causes any actual delay of the project.

## 5. CONTRACT SUM

The City shall pay the Contractor for the performance of the Work in the manner and at the rate bid and accepted by the City as shown on the Contractor's Bid Proposal Form and the City's Notice of Award.

## 6. PROGRESS PAYMENTS

(a) The Contractor shall file progress payment requests on a monthly basis, and the City shall make payments to the Contractor as provided below and elsewhere in the Contract Documents.

(b) The period covered by each period payment request shall be one calendar month ending on the last day of the month.

(c) Upon receipt of any progress payment request, the City shall review and respond to the request within Sixty (60) days after receipt by either paying the Contractor the sums requested or else by withholding payment of all or part of said sums and notifying the Contractor in writing of the reasons for such withholding.

(d) Progress payments shall be computed as follows:

(i) The amount of each progress payment shall include:

(1) That portion of the Contract Sum properly allocable to labor, materials, and equipment used for completed and approved Work during the time period being billed.

(ii) The amount of each progress payment shall then be reduced by:

(1) The aggregate of any amounts previously paid by the City; and

(2) The amount, if any, for Work that remains uncorrected and for which the City previously withheld payment or part thereof; and

(3) For Work performed or defects discovered since the last payment application, any amount for which the City may withhold payment as set forth in the Contract Documents; and

(4) Retainage, as set forth herein.

(e) In order to be valid, each request for payment shall include or be accompanied by the following:

(i) A sworn statement showing the amount presently due to the Contractor (supported by detailed timecards and invoices for materials the amount previously paid), the sum of all amounts previously paid to the Contractor, and the total amount remaining to be paid to Contractor under the Contract.

(ii) A list of all subcontractors, suppliers, and materialmen, if any, who have been engaged to perform work in connection with the Project, which list shall be sworn and shall show the sum of all amounts previously paid, presently due, and remaining to be paid to each subcontractor, supplier, and/or materialman.

(iii) A sworn lien waiver, signed by the Contractor or its authorized representative, that fully and satisfactorily waives any and all lien rights that the Contractor may have in the Work or any property or funds of the City in an amount equal to the sum of the amount requested for payment and all amounts previously paid or retained during the course of the Contract.

(iv) Sworn lien waivers signed by each subcontractor, supplier, and/or materialman on whose behalf the Contractor is applying for payment in any amount whatsoever, that fully and satisfactorily waives any and all lien rights that such subcontractor, supplier, and/or materialman may have in the Work or any property or funds of the City in an amount equal to the sum of the amount requested for payment to said subcontractor, supplier, and/or materialman and all amounts previously paid or retained during the course of the Contract for the purpose of paying said subcontractor, supplier, and/or materialman.

**7. REDUCTIONS IN PAYMENT BY CITY (CITY'S RIGHT TO SETOFF)**

(a) The Parties hereby agree that the City is entitled to impose a set-off against payment based on any of the following:

(i) Claims have been made against the City on account of the Contractor's conduct in the performance or furnishing of the Work, or the City has incurred costs, losses, or damages on account of the Contractor's conduct in the performance or furnishing of the Work, including but not limited to claims, costs, losses, or damages from workplace injuries, adjacent property damage, non-compliance with Laws and Regulations, and patent infringement; or

(ii) The Contractor has failed to take reasonable and customary measures to avoid damage, delay, disruption, and interference with other work at or adjacent to the Site; or

(iii) The Contractor has failed to provide and maintain required bonds or insurance; or

(iv) The City has been required to remove or remediate a hazardous environmental condition for which the Contractor is responsible; or

(v) The City has incurred extra charges or engineering costs related to submittal reviews, evaluations of proposed substitutes, tests and inspections, or return visits to manufacturing or assembly facilities; or

(vi) The Work is defective, requiring correction or replacement; or

(vii) The City has been required to correct defective Work at its own cost; or

(viii) The Contract Sum has been reduced by change orders; or

(ix) An event that would constitute justify the City to terminate this Agreement for cause has occurred; or

(x) Liquidated damages have accrued as a result of the Contractor's failure to timely achieve Substantial Completion or final completion of the Work; or

(xi) Liens have been filed in connection with the Work, except where the Contractor has delivered a specific bond satisfactory to the City to secure the satisfaction and discharge of such Liens; or

(xii) There are other items entitling the City to a set off.

(b) If the City imposes any set-off against payment the City will give the Contractor immediate written notice stating the reasons for such action and the specific amount of the reduction and shall promptly pay the Contractor any amount remaining after deduction of the amount so withheld. The City shall promptly pay the Contractor the amount so withheld, or any adjustment thereto agreed to by the City and the Contractor, if the Contractor remedies the reasons for such action. The reduction imposed shall be binding on the Contractor unless it duly submits a change proposal contesting the reduction.

(c) Upon a subsequent determination that the City 's refusal of payment was not justified, the amount wrongfully withheld shall be promptly paid, along with 5% interest per annum.

**8. RETAINAGE**

Retainage will be held based on Public Act 103-0570. 10% will be held up to 50% completion of the project. When more than 50% of the contract is completed, 5% retainage will be held.

**9. FINAL PAYMENT**

(a) Subject to all requirements and provisions of this Agreement, including but not limited to the City's right to setoff its obligations to the Contractor (*see* Section 7, above), and the Contract Documents, final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the City to the Contractor when the Contractor has fully performed the Work and all other obligations under the Contract Documents other than those obligations related to the Contractor's responsibility (1) to correct deficient or unacceptable Work as provided in the Contract Documents, and (2) to satisfy other requirements, if any, which extend beyond final payment.

(b) Upon receiving a request for final payment under the Contract, the City shall pay the balance of the contract sum within thirty (30) days of completion of punch list items by the Contractor and sign-off and approval by the City. Notwithstanding the forgoing, the City may avail itself of any longer timelines applicable to a payment as available under the Illinois Local Government Prompt Payment (Act 50 ILCS 505/1 *et seq.*), the provisions of which Act shall

apply to this Contract. **THE LAW REQURIES THAT THE CONTRACTOR SHALL SUBMIT A SWORN STATEMENT OF PERSONS FURNISHING MATERIALS AND LABOR BEFORE ANY PAYMENTS ARE REQUIRED TO BE MADE TO THE CONTRACTOR (770 ILCS 60/5).**

## 10. INSURANCE

(a) **General Insurance Requirements.**

The Contractor shall fully comply with all requirements set forth in Section 7-2 of the Division 100, General Requirements and Covenants (Insurance Requirements), along with any and all other insurance requirements set out in the Contract Documents.

(b) **Other Insurance Requirements**

The Contractor shall deliver to the City prior to commencing Work, certificates of insurance (ACORD Form 27 or other form acceptable to the City) evidencing the required insurance coverage of Contractor and each Subcontractor. The certificates required to be provided under this Paragraph shall contain clauses and/or provisions stating (i) that the policies will not be canceled or reduced without thirty (30) days prior notice to and the written consent of the City, and (ii) that the policies are primary and noncontributory. The policies shall further name the City and all of its elected officials, officers, employees, and agents as additional insureds. The City shall not waive any rights of subrogation. The Contractor shall provide and maintain insurance in the amounts outlined with companies acceptable to the City, for a minimum of two (2) years after completion final completion of the project. Under no circumstances shall the City be deemed to have waived any of the insurance requirements of this Contract by any action or omission. Liability of the Contractor and Subcontractors is not limited by purchase of insurance.

## 11. INDEMNIFICATION

(a) To the fullest extent permitted by law, Contractor waives any right of contribution against and shall defend, indemnify and hold harmless the City and any elected official, officer, attorney, employee, consultant, representative, or agent of the City (collectively the "indemnitees") from and against all claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from or in connection with the performance of the Work, provided that any such claim, damage, loss or expense (collectively "Claims") is caused by or alleged to be caused by an act or omission of Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable in the performance of the Agreement, regardless of whether or not it is actually or allegedly caused in part by an indemnitee. The obligations of the Contractor under this Section 11(a) shall be construed to include, but shall not be limited to, injury or damage consequent upon failure to use or misuse by the Contractor, his agents, subcontractors, and employees of any scaffold, hoist, crane, stay, ladder, support, or other mechanical contrivance erected or constructed by any person, or any or all other kinds of equipment, whether or not owned or furnished by the City. The Contractor shall include this

provision in each of its subcontract agreements and shall require its subcontractors to be so bound.

(b) In the event that the Contractor or its Subcontractors are requested but refuse to honor the indemnity obligations of this Section or to provide a defense, then the Contractor shall, in addition to all other obligations, pay the cost of bringing any action to enforce this Section, including reasonable attorneys' fees.

(c) The Contractor hereby intentionally, knowingly, and voluntarily waives the right to assert, under the case of *Kotecki v. Cyclops Welding Corp.*, 146 Ill. 2d 155 (1991) that Contractor's liability may be limited to the amount of its statutory liability under the Workers' Compensation Act, and agrees that Contractor's liability to indemnify and defend the Owner is not limited by the so called "Kotecki Cap." The Contractor shall include this provision in each of its subcontract agreements and shall require its subcontractors to be so bound.

(d) The indemnification provisions of this Section 11 are not intended to circumvent the Construction Contract Indemnification for Negligence Act (740 ILCS 35/0.01, *et seq.*) and shall not be construed as such, but in such a way to affect their enforcement to the fullest extent of the law.

**12. COMPLIANCE WITH LAWS**

The Contractor shall perform its Work in compliance with all applicable laws, ordinances rules, regulations and codes, including but not limited to the *Illinois Prevailing Wage Act* (820 ILCS 130/I *et seq*). The Contractor shall pay not less than the prevailing rate of wages to all laborers, workers and mechanics performing work under this Contract. Moreover, the Contractor shall ensure that each subcontract is awards shall contain specific language therein requiring each subcontractor to pay not less than the prevailing wage to all laborers, workers and mechanics performing work for the project contemplated under this Contract. Further, the Contractor and all Subcontractors shall submit monthly certified payroll records to the City verifying that employees are being paid the prevailing rate of wages. The Contractor shall obtain necessary permits and licenses and consult with applicable governmental authorities as appropriate to ensure that the Work complies with all applicable laws. The Contractor agrees to fully comply with all requirements of federal and state law, including, but not limited to, the requirements of *Illinois Human Rights Act (*775 ILCS 5/1-101 *et seq.*) and the provision of sexual harassment policies and procedures pursuant to Section 2-105 of that Act. The Contractor further agrees to comply with all federal and state Equal Opportunity Laws, including, but not limited to, the *Americans With Disabilities Act* (42 U.S.C. Section 12101 *et. seq.*) and all rules and regulations promulgated thereunder. The Illinois *Employment of Illinois Workers on Public Works Act* (30 ILCS 570/0.01 *et. seq.*), and *Steel Products Procurement Act* (30 ILCS 565/1 *et. seq.*), shall prevail on this project to the extent such Acts are applicable and enforceable.

**13. ASSIGNMENT**

The Contractor shall not assign this Contract without the prior written consent of the City, which consent may be withheld at City's sole discretion. All Contractor's subcontracts shall be in writing, and shall be assignable by the Contractor to the City.

## 14. BOND

Pursuant to the *Public Construction Bond Act* (30 ILCS 550/1, *et seq.*), prior to commencing work, the Contractor shall provide a bond in the amount of one hundred percent (100%) of the Contract Sum and conditioned to guarantee the full and complete performance of the work, according to the terms of the specifications, plans and contract, which contract shall be properly executed and signed at the time of filing of said bonds. Pursuant to Section 4 of the *Prevailing Wage Act* (820 ILCS 130/4), the required bond shall include a provisions as will guarantee the faithful performance of the prevailing wage requirements of this Contract and Illinois Law. With permission of the City, and when state and federal funds are not used on the Work, the Contractor may provide a non-diminishing irrevocable letter of credit, for contracts under $100,000, in lieu of aforesaid bond. This bond or the non-diminishing irrevocable letter of credit are to remain in full force and effect up to and including the final acceptance of the work. After which it shall become null and void only after the Contractor provides a maintenance bond which shall meet the approval of said City of Crest Hill.

## 15. CITY SHALL NOT WAIVE ANY RIGHTS BY MAKING ANY PAYMENT

Notwithstanding any other provision in this Agreement or the other Contract Documents, the City shall not, in any manner, be deemed or intended to have waived any claim by making any progress or final payment in any amount.

## 16. WARRANTY AND GUARANTEE

The Contractor shall supervise and direct the Work using the Contractor's best skill and attention. The Contractor shall be solely responsible for and have charge and control of contractor means, methods, techniques, sequences, and procedures for coordinating all portions of the Work. The Contractor warrants to the City that materials and equipment furnished under the Contract will be of good quality and new, unless otherwise required or permitted by this Agreement or any of the other Contract Documents and that the Work will be performed in a workmanlike manner and be free from faults and defects and in conformance with this Agreement and all other Contract Documents.

Neither the final payment under the Agreement by the City nor any provisions in the Contract Documents shall relieve the Contractor of any responsibility for negligence in the furnishing and installation of faulty materials or for faulty workmanship which shows up within the extent and period proved by law or within the guarantee period of one (1) year from final acceptance of the work performed under this Agreement, whichever is greater, nor of the responsibility of remedying such faulty workmanship and materials. The contractor shall provide a written guarantee and maintenance/warranty bond for an amount not to be less than 10 percent of the final contract amount. The written guarantee and bond shall be in full force for the 1 year after approval of the final payment. In the event that any testing or inspection of the Work or any part thereof reveals defects in materials or workmanship, the Contractor shall remedy such defects and shall bear all costs and expenses associated with any and all testing necessitated thereby, including but not limited to additional testing which is related to determining whether such defects have been properly remedied.

**17. BID RIGGING AND ROTATING CERTIFICATION**

As required by the section 33E-11 of the *Criminal Code* (720 ILCS 5/33E-11), by executing this Agreement, Contractor certifies that it is not barred from contracting with any unit of State or local government as a result of a violation of any criminal statute including, but not limited to, the bid rigging (Section 33E-3) or bid rotating (Section 33E-4) provisions of the *Criminal Code.*

**18. AUTHORITY TO EXECUTE**

Each of the parties executing this Contract represent and warrant that they have the proper and necessary authority to execute this Contract and to bind their representative entities.

**19. GOVERNING LAW; CHOICE OF FORUM**

This Contract shall be governed by the laws of the state of Illinois. Furthermore, the Parties hereby agree that the Twelfth Judicial Circuit Court of Will County, Illinois, will be the sole and exclusive venue and jurisdiction for any litigation associated with the Contract Documents. As such, the Parties hereby intentionally, knowingly, and voluntarily waive and forever forfeit any right that they presently have or may accrue in the future to file any motion seeking to dismiss any such litigation for want of jurisdiction in said court, to remove any such litigation to any federal court, or to challenge venue in said court for any reason, including but not limited to a motion based on the doctrine of *forum non conveniens*.

**20. SEVERABILITY CLAUSE**

If any provision of this Contract is held invalid, such invalidity shall not affect the other provisions of this Contract which may be given effect without the invalid provision.

**21. TERMINATION**

(a) Termination Without Cause: The City may, upon seven (7) days written notice to the Contractor, terminate the Agreement between the City and Contractor without cause. Upon written request and submittal of the appropriate documentation as required by the City, the City shall pay the Contractor for all work performed by the Contractor to the date of termination that has been approved by the City. The City may, upon the Contractor executing such a confirmatory assignments as the City shall request, accept and assume all of the Contractor's obligations under all subcontracts executed in accordance with the terms of the Contract Documents that may accrue after the date of such termination and that the Contractor has incurred in good faith in connection with the Work. Upon receipt of notice of termination, the Contractor shall cease all operations on the date specified by the City, terminate subcontracts not assumed by the City, make no further orders of materials or equipment, complete work not terminated (if any), and provide such reports as may be requested by the City as to the status of the Work and the Work remaining to be completed. The City's right to terminate the Contract under this Section shall be in addition to, and not in limitation of, its rights to stop the Work without terminating the Contract.

(b) Termination for Cause: If the Contractor shall institute proceedings or consent to proceedings requesting relief or arrangement under the Federal Bankruptcy Act or any similar or applicable federal or state law, or if a petition under any federal or state bankruptcy or insolvency law is filed against the Contractor and such petition is not dismissed within sixty (60) days after the date of said filing, or if the Contractor admits in writing his inability to pay his debts generally as they become due, or if he makes a general assignment for the benefit of his creditors, or if a receiver, liquidator, trustee or assignee is appointed on account of his bankruptcy or insolvency; or if a receiver of all or any substantial portion of the Contractor's properties is appointed; or if the Contractor abandons the Work; or if he fails, except in cases for which extension of time is provided, to prosecute promptly and diligently the Work or to supply enough properly skilled workmen or proper materials for the Work; or if he submits an Application for Payment, sworn statement, waiver of lien, affidavit or document of any nature whatsoever which is intentionally falsified; or if he fails to make prompt payment to Subcontractors or for materials or labor or otherwise breaches his obligations under any subcontract with a Subcontractor; or if a mechanic's or material man's lien or notice of lien is filed against any part of the Work or the site of the Project and not promptly bonded or insured over by the Contractor in a manner satisfactory to the City; or if the Contractor disregards any laws, statutes, ordinances, rules, regulations or orders of any governmental body or public or quasi-public authority having jurisdiction of the Work or the site of the Project; or if he otherwise violates any provision of the Contract Documents; then the City, without prejudice to any right or remedy available to the City under the Contract Documents or at law or in equity, the City may, after giving the Contractor and its surety under the performance and payment bond required above seven (7) days' written notice, terminate the employment of the Contractor. If requested by the City, the Contractor shall remove any part or all of his equipment, machinery and supplies from the site of the Project within seven (7) days after the date of such request, and in the event of the Contractor's failure to do so, the City shall have the right to remove or store such equipment, machinery and supplies at the Contractor's expense. In case of such termination, the Contractor shall not be entitled to receive any further payment for Work performed by the Contractor through the date of termination. The City's right to terminate the City-Contractor Agreement pursuant to this Section 21(b) shall be in addition to and not in limitation of any rights or remedies existing hereunder or pursuant hereto or at law or in equity.

(c) In the event that the City terminates this Agreement for Cause, as set forth above, the Contractor shall not be entitled to receive further payment until the Work is finished and the City may finish the Work by whatever reasonable method the City may deem expedient. Upon written request of the Contractor, the City shall furnish to the Contractor a detailed accounting of the costs incurred by the City in finishing the Work. If, after the City completes the Work, the unpaid balance of the Contract Sum exceeds the costs of finishing the Work, including but not limited to any additional expenses made necessary thereby and other damages incurred by the City and not expressly waived, such excess shall be paid to the Contractor. If such costs and damages exceed the unpaid balance, the Contractor shall pay the difference to the City. This obligation for payment shall survive termination of the Contract.

## 22. NOTICES

Any time that this Agreement or any of the other Contract Documents require one Party to notify or give notice to the other Party, such notice shall be provided in writing to the designated representative of the party to whom the notice is addressed and shall be deemed to have been duly served if delivered in person, by mail, by courier, or by electronic transmission as set forth in the Agreement. In the case of in-person delivery, the notice shall be deemed delivered on the date of such delivery. In the case of delivery by mail or by courier, the notice shall be deemed to be delivered three (3) business days after it is sent. In the case of email delivery, the notice shall be deemed given on the date of said email so long as the email is sent prior to 6:00 p.m. CST—otherwise it shall be deemed delivered as of the next business day.

**THIS CONTRACT** is entered into as of the day and year first above written.

**CITY:**

**CITY OF CREST HILL,**

**WILL COUNTY, ILLINOIS**

**BY:**_____

**ITS:**_____
MAYOR

**DATE:**_____

**ATTEST:**

**BY:**_____

**ITS:**_____

**DATE:**_____

**CONTRACTOR:**

**P.T. Ferro Construction Co.**

**BY:**_____

**ITS:** President

**DATE:** 5/18/26

Bond No. 108481694

# Document A312™ – 2010

**Conforms with The American Institute of Architects AIA Document 312**

## *Performance Bond*

**CONTRACTOR:**
*(Name, legal status and address)*

P.T. Ferro Construction Co.
700 South Rowell Avenue
Joliet, IL 60434

**SURETY:**
*(Name, legal status and principal place of business)*
Travelers Casualty and Surety Company of America
One Tower Square
Hartford, CT 06183

**Mailing Address for Notices**

1411 Opus Place, Ste. 450
Downers Grove, IL 60515

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

**OWNER:**
*(Name, legal status and address)*
City of Crest Hill
20600 City Center Blvd.
Crest Hill, IL 60403

**CONSTRUCTION CONTRACT**
Date: May 20, 2026

Amount: $ 1,686,708.10 One Million Six Hundred Eighty Six Thousand Seven Hundred Eight Dollars and 10/100

Description:
*(Name and location)* 2026 Oakland Avenue - Water Main Improvement Project

**BOND**
Date: May 21, 2026
*(Not earlier than Construction Contract Date)*

Amount: $ 1,686,708.10 One Million Six Hundred Eighty Six Thousand Seven Hundred Eight Dollars and 10/100

Modifications to this Bond: [X] None [ ] See Section 16

**CONTRACTOR AS PRINCIPAL**
Company: *(Corporate Seal)*
P.T. Ferro Construction Co.

Signature:
Name and Title: Matthew Marketti, President

**SURETY**
Company: *(Corporate Seal)*
Travelers Casualty and Surety Company of America

Signature:
Name and Title: James I. Moore, Attorney-in-Fact

SEAL

*(Any additional signatures appear on the last page of this Performance Bond.)*

*(FOR INFORMATION ONLY — Name, address and telephone)*

**AGENT or BROKER:**
HUB International Midwest Limited
1411 Opus Place, Ste. 450
Downers Grove, IL 60515
630-468-5600

**OWNER'S REPRESENTATIVE:**
*(Architect, Engineer or other party:)*

§ 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.

§ 2 If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Section 3.

§ 3 If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond shall arise after

.1 the Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice shall indicate whether the Owner is requesting a conference among the Owner, Contractor and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall attend. Unless the Owner agrees otherwise, any conference requested under this Section 3.1 shall be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default;

.2 the Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and

.3 the Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.

§ 4 Failure on the part of the Owner to comply with the notice requirement in Section 3.1 shall not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.

§ 5 When the Owner has satisfied the conditions of Section 3, the Surety shall promptly and at the Surety's expense take one of the following actions:

§ 5.1 Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;

§ 5.2 Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;

§ 5.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Section 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or

§ 5.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:

.1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or

.2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.

§ 6 If the Surety does not proceed as provided in Section 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Section 5.4, and the Owner refuses the payment or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.

§ 7 If the Surety elects to act under Section 5.1, 5.2 or 5.3, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication, for

.1 the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
.2 additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Section 5; and
.3 liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.

§ 8 If the Surety elects to act under Section 5.1, 5.3 or 5.4, the Surety's liability is limited to the amount of this Bond.

§ 9 The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors and assigns.

§ 10 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

§ 11 Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

§ 12 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears.

§ 13 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

**§ 14 Definitions**

**§ 14.1 Balance of the Contract Price.** The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.

**§ 14.2 Construction Contract.** The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.

**§ 14.3 Contractor Default.** Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.

**§ 14.4 Owner Default.** Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

**§ 14.5 Contract Documents.** All the documents that comprise the agreement between the Owner and Contractor.

§ 15 If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

§ 16 Modifications to this bond are as follows:

*(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)*

**CONTRACTOR AS PRINCIPAL**
Company: *(Corporate Seal)*

Signature: _____
Name and Title:
Address

**SURETY**
Company: *(Corporate Seal)*

Signature: _____
Name and Title:
Address

Bond No. 108481694

# Document A312™ – 2010

**Conforms with The American Institute of Architects AIA Document 312**

## *Payment Bond*

**CONTRACTOR:**
*(Name, legal status and address)*

P.T. Ferro Construction Co.
700 South Rowell Avenue
Joliet, IL 60434

**SURETY:**
*(Name, legal status and principal place of business)*
Travelers Casualty and Surety Company of America
One Tower Square
Hartford, CT 06183
**Mailing Address for Notices**
1411 Opus Place, Ste. 450
Downers Grove, IL 60515

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

**OWNER:**
*(Name, legal status and address)*
City of Crest Hill
20600 City Center Blvd.
Crest Hill, IL 60403

**CONSTRUCTION CONTRACT**
Date: May 20, 2026

Amount: $ 1,686,708.10 One Million Six Hundred Eighty Six Thousand Seven Hundred Eight Dollars and 10/100

Description:
*(Name and location)* 2026 Oakland Avenue - Water Main Improvement Project

**BOND**
Date: May 21, 2026
*(Not earlier than Construction Contract Date)*

Amount: $ 1,686,708.10 One Million Six Hundred Eighty Six Thousand Seven Hundred Eight Dollars and 10/100

Modifications to this Bond: [X] None [ ] See Section 18

**CONTRACTOR AS PRINCIPAL**
Company: *(Corporate Seal)*
P.T. Ferro Construction Co.

Signature:
Name and Title: Matthew Marketti, President

**SURETY**
Company: *(Corporate Seal)*
Travelers Casualty and Surety Company of America

Signature:
Name and Title: James I. Moore, Attorney-in-Fact

SEAL

*(Any additional signatures appear on the last page of this Payment Bond.)*

*(FOR INFORMATION ONLY — Name, address and telephone)*

**AGENT or BROKER:**
HUB International Midwest Limited
1411 Opus Place, Ste. 450
Downers Grove, IL 60515
630-468-5600

**OWNER'S REPRESENTATIVE:**
*(Architect, Engineer or other party:)*

§ 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner to pay for labor, materials and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference, subject to the following terms.

§ 2 If the Contractor promptly makes payment of all sums due to Claimants, and defends, indemnifies and holds harmless the Owner from claims, demands, liens or suits by any person or entity seeking payment for labor, materials or equipment furnished for use in the performance of the Construction Contract, then the Surety and the Contractor shall have no obligation under this Bond.

§ 3 If there is no Owner Default under the Construction Contract, the Surety's obligation to the Owner under this Bond shall arise after the Owner has promptly notified the Contractor and the Surety (at the address described in Section 13) of claims, demands, liens or suits against the Owner or the Owner's property by any person or entity seeking payment for labor, materials or equipment furnished for use in the performance of the Construction Contract and tendered defense of such claims, demands, liens or suits to the Contractor and the Surety.

§ 4 When the Owner has satisfied the conditions in Section 3, the Surety shall promptly and at the Surety's expense defend, indemnify and hold harmless the Owner against a duly tendered claim, demand, lien or suit.

§ 5 The Surety's obligations to a Claimant under this Bond shall arise after the following:

§ 5.1 Claimants, who do not have a direct contract with the Contractor,

.1 have furnished a written notice of non-payment to the Contractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were, or equipment was, furnished or supplied or for whom the labor was done or performed, within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and

.2 have sent a Claim to the Surety (at the address described in Section 13).

§ 5.2 Claimants, who are employed by or have a direct contract with the Contractor, have sent a Claim to the Surety (at the address described in Section 13).

§ 6 If a notice of non-payment required by Section 5.1.1 is given by the Owner to the Contractor, that is sufficient to satisfy a Claimant's obligation to furnish a written notice of non-payment under Section 5.1.1.

§ 7 When a Claimant has satisfied the conditions of Sections 5.1 or 5.2, whichever is applicable, the Surety shall promptly and at the Surety's expense take the following actions:

§ 7.1 Send an answer to the Claimant, with a copy to the Owner, within sixty (60) days after receipt of the Claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed; and

§ 7.2 Pay or arrange for payment of any undisputed amounts.

§ 7.3 The Surety's failure to discharge its obligations under Section 7.1 or Section 7.2 shall not be deemed to constitute a waiver of defenses the Surety or Contractor may have or acquire as to a Claim, except as to undisputed amounts for which the Surety and Claimant have reached agreement. If, however, the Surety fails to discharge its obligations under Section 7.1 or Section 7.2, the Surety shall indemnify the Claimant for the reasonable attorney's fees the Claimant incurs thereafter to recover any sums found to be due and owing to the Claimant.

§ 8 The Surety's total obligation shall not exceed the amount of this Bond, plus the amount of reasonable attorney's fees provided under Section 7.3, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.

§ 9 Amounts owed by the Owner to the Contractor under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any construction performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfy obligations of the Contractor and Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.

**§ 10** The Surety shall not be liable to the Owner, Claimants or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for the payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligation to make payments to, or give notice on behalf of, Claimants or otherwise have any obligations to Claimants under this Bond.

**§ 11** The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

**§ 12** No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the state in which the project that is the subject of the Construction Contract is located or after the expiration of one year from the date (1) on which the Claimant sent a Claim to the Surety pursuant to Section 5.1.2 or 5.2, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

**§ 13** Notice and Claims to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears. Actual receipt of notice or Claims, however accomplished, shall be sufficient compliance as of the date received.

**§ 14** When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

**§ 15** Upon request by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor and Owner shall promptly furnish a copy of this Bond or shall permit a copy to be made.

**§ 16 Definitions**

**§ 16.1 Claim.** A written statement by the Claimant including at a minimum:

- .1 the name of the Claimant;
- .2 the name of the person for whom the labor was done, or materials or equipment furnished;
- .3 a copy of the agreement or purchase order pursuant to which labor, materials or equipment was furnished for use in the performance of the Construction Contract;
- .4 a brief description of the labor, materials or equipment furnished;
- .5 the date on which the Claimant last performed labor or last furnished materials or equipment for use in the performance of the Construction Contract;
- .6 the total amount earned by the Claimant for labor, materials or equipment furnished as of the date of the Claim;
- .7 the total amount of previous payments received by the Claimant; and
- .8 the total amount due and unpaid to the Claimant for labor, materials or equipment furnished as of the date of the Claim.

**§ 16.2 Claimant.** An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials or equipment for use in the performance of the Construction Contract. The term Claimant also includes any individual or entity that has rightfully asserted a claim under an applicable mechanic's lien or similar statute against the real property upon which the Project is located. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.

**§ 16.3 Construction Contract.** The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and all changes made to the agreement and the Contract Documents.

**§ 16.4 Owner Default.** Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

**§ 16.5 Contract Documents.** All the documents that comprise the agreement between the Owner and Contractor.

**§ 17** If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

**§ 18** Modifications to this bond are as follows:

*(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)*

| **CONTRACTOR AS PRINCIPAL** | | **SURETY** | |
|---|---|---|---|
| Company: | *(Corporate Seal)* | Company: | *(Corporate Seal)* |
| Signature: _____ | | Signature: _____ | |
| Name and Title: | | Name and Title: | |
| Address | | Address | |

State of Illinois }
} ss.
County of DuPage }

On May 21, 2026 before me, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared James I. Moore known to me to be Attorney-in-Fact of Travelers Casualty and Surety Company of America the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires 09/08/2027

Sherry L Bacska, Notary Public

OFFICIAL SEAL
SHERRY L BACSKAI
NOTARY PUBLIC, STATE OF ILLINOIS
Commission No. 977639
My Commission Expires September 08, 2027

TRAVELERS

**Travelers Casualty and Surety Company of America**
**Travelers Casualty and Surety Company**
**St. Paul Fire and Marine Insurance Company**
**Farmington Casualty Company**

## POWER OF ATTORNEY

Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, St. Paul Fire and Marine Insurance Company, and Farmington Casualty Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and the Companies do hereby make, constitute and appoint James I. Moore of Downers Grove, IL, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

**IN WITNESS WHEREOF**, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **4th** day of **March, 2024.**

SEAL SEAL SEAL SEAL

State of Connecticut

City of Hartford ss.

By: _____
Bryce Grissom, Senior Vice President

On this the **4th** day of **March, 2024**, before me personally appeared **Bryce Grissom**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

**IN WITNESS WHEREOF**, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June, 2026**

NOTARY PUBLIC

_____
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this May 21, 2026

SEAL SEAL SEAL SEAL

_____
Kevin E. Hughes, Assistant Secretary

***To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.***
***Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.***

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 5/18/2026

**THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.**

**IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).**

| | |
|---|---|
| **PRODUCER**<br>HUB International Midwest West<br>1411 Opus Place, Suite 450<br>Downers Grove IL 60515 | **CONTACT NAME:** CSU Construction<br>**PHONE (A/C, No, Ext):** 630-468-5600 **FAX (A/C, No):** 630-468-5696<br>**E-MAIL ADDRESS:** CSUConstruction@hubinternational.com |
| **INSURED** PTFERRO-01<br>P.T. Ferro Construction Co Inc<br>700 Rowell Ave<br>PO Box 156<br>Joliet IL 60434 | **INSURER(S) AFFORDING COVERAGE** — **NAIC #**<br>**INSURER A :** Nautilus Insurance Company — 17370<br>**INSURER B :** Travelers Property Casualty Company of America — 25674<br>**INSURER C :** National Fire Insurance Company of Hartford — 20478<br>**INSURER D :** The Continental Insurance Company — 35289<br>**INSURER E :** Valley Forge Insurance Company — 20508<br>**INSURER F :** Navigators Specialty Insurance Company — 36056 |

**COVERAGES** **CERTIFICATE NUMBER:** 939766028 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS | |
|---|---|---|---|---|---|---|---|---|
| C | [X] **COMMERCIAL GENERAL LIABILITY**<br>[ ] CLAIMS-MADE [X] OCCUR<br>[X] XCU Cov Incl<br>[X] Contractual Liab<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br>[ ] POLICY [X] PRO-JECT [ ] LOC<br>[ ] OTHER: | Y | Y | 8033870501 | 12/31/2025 | 12/31/2026 | EACH OCCURRENCE<br>DAMAGE TO RENTED PREMISES (Ea occurrence)<br>MED EXP (Any one person)<br>PERSONAL & ADV INJURY<br>GENERAL AGGREGATE<br>PRODUCTS - COMP/OP AGG<br>$ | $ 1,000,000<br>$ 500,000<br>$ 10,000<br>$ 1,000,000<br>$ 3,000,000<br>$ 3,000,000<br>$ |
| E | **AUTOMOBILE LIABILITY**<br>[X] ANY AUTO<br>[ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS<br>[X] HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY | Y | Y | 8033870496 | 12/31/2025 | 12/31/2026 | COMBINED SINGLE LIMIT (Ea accident)<br>BODILY INJURY (Per person)<br>BODILY INJURY (Per accident)<br>PROPERTY DAMAGE (Per accident)<br>$ | $ 1,000,000<br>$<br>$<br>$<br>$ |
| D<br>F | [X] **UMBRELLA LIAB** [X] OCCUR<br>[X] **EXCESS LIAB** [ ] CLAIMS-MADE<br>[ ] DED [X] RETENTION $ 10,000 | | | 8033870515<br>HO25EXCZ0JVJHIV | 12/31/2025<br>12/31/2025 | 12/31/2026<br>12/31/2026 | EACH OCCURRENCE<br>AGGREGATE<br>EACH OCC/AGGR (5X10) | $ 10,000,000<br>$ 10,000,000<br>$ 5MM/5MM |
| D | **WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** Y/N<br>ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? [N]<br>**(Mandatory in NH)**<br>If yes, describe under DESCRIPTION OF OPERATIONS below | N/A | Y | 8033870529 | 12/31/2025 | 12/31/2026 | [X] PER STATUTE [ ] OTH-ER<br>E.L. EACH ACCIDENT<br>E.L. DISEASE - EA EMPLOYEE<br>E.L. DISEASE - POLICY LIMIT | <br>$ 1,000,000<br>$ 1,000,000<br>$ 1,000,000 |
| A<br>B<br>B | POLLUTION LIABILITY<br>Leased/Rented Equipment<br>Installation Floater | | | CPL2033720-15<br>QT 630 8Y055478 TIL 25<br>QT 630 8Y055478 TIL 25 | 12/31/2025<br>12/31/2025<br>12/31/2025 | 12/31/2026<br>12/31/2026<br>12/31/2026 | Occurrence/Aggregate<br>Limit:<br>Limit/Deductible: | $2,000,000<br>$650,000<br>$4,000,000/$5,000 |

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)**

RE: Oakland Avenue Water Main Improvement Project - C-7140

City of Crest Hill and all of its elected officials, officers, employees, and agents are included as additional insureds under General Liability & Auto Liability, on a primary and non-contributory basis, when agreed in a written contract, subject to policy terms, conditions and exclusions. A waiver of subrogation applies under General Liability, Automobile Liability, & Worker's Compensation in favor of the additional insureds listed, when agreed in a written contract, subject to policy terms, conditions and exclusions. Umbrella follows form of underlying General Liability, Auto Liability and Workers Compensation policies.

**CERTIFICATE HOLDER**

City of Crest Hill
20600 City Center Blvd.
Crest Hill IL 60403

**CANCELLATION**

**SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.**

**AUTHORIZED REPRESENTATIVE**

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**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

# CONTRACTORS EXTENDED COVERAGE ENDORSEMENT - BUSINESS AUTO PLUS -

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

## I. LIABILITY COVERAGE

### A. Who Is An Insured

The following is added to **Section II, Paragraph A.1., Who Is An Insured**:

1. **a.** Any incorporated entity of which the Named Insured owns a majority of the voting stock on the date of inception of this Coverage Form; provided that,
   **b.** The insurance afforded by this provision **A.1.** does not apply to any such entity that is an "insured" under any other liability "policy" providing "auto" coverage.
2. Any organization you newly acquire or form, other than a limited liability company, partnership or joint venture, and over which you maintain majority ownership interest.

   The insurance afforded by this provision **A.2.**:
   **a.** Is effective on the acquisition or formation date, and is afforded only until the end of the policy period of this Coverage Form, or the next anniversary of its inception date, whichever is earlier.
   **b.** Does not apply to:
   **(1)** "Bodily injury" or "property damage" caused by an "accident" that occurred before you acquired or formed the organization; or
   **(2)** Any such organization that is an "insured" under any other liability "policy" providing "auto" coverage.
3. Any person or organization that you are required by a written contract to name as an additional insured is an "insured" but only with respect to their legal liability for acts or omissions of a person, who qualifies as an "insured" under Section II – Who Is An Insured and for whom Liability Coverage is afforded under this policy. If required by written contract, this insurance will be primary and non-contributory to insurance on which the additional insured is a Named Insured.
4. An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in that "employee's" name, with your permission, while performing duties related to the conduct of your business.

"Policy", as used in this provision **A. Who Is An Insured,** includes those policies that were in force on the inception date of this Coverage Form but:

1. Which are no longer in force; or
2. Whose limits have been exhausted.

### B. Bail Bonds and Loss of Earnings

**Section II, Paragraphs A.2. (2) and A.2. (4)** are revised as follows:

1. In **a.(2),** the limit for the cost of bail bonds is changed from $2,000 to $5,000; and
2. In **a.(4),** the limit for the loss of earnings is changed from $250 to $500 a day.

### C. Fellow Employee

**Section II, Paragraph B.5** does not apply.

Such coverage as is afforded by this provision C. is excess over any other collectible insurance.

## II. PHYSICAL DAMAGE COVERAGE

### A. Glass Breakage – Hitting A Bird Or Animal – Falling Objects Or Missiles

The following is added to **Section III, Paragraph A.3.**:

With respect to any covered "auto", any deductible shown in the Declarations will not apply to glass breakage if such glass is repaired, in a manner acceptable to us, rather than replaced.

### B. Transportation Expenses

**Section III, Paragraph A.4.a.** is revised, with respect to transportation expense incurred by you, to provide:

**a.** $60 per day, in lieu of $20; subject to

**b.** $1,800 maximum, in lieu of $600.

**C. Loss of Use Expenses**

**Section III, Paragraph A.4.b.** is revised, with respect to loss of use expenses incurred by you, to provide:

**a.** $1,000 maximum, in lieu of $600.

**D. Hired "Autos"**

The following is added to **Section III. Paragraph A.**:

**5. Hired "Autos"**

If Physical Damage coverage is provided under this policy, and such coverage does not extend to Hired Autos, then Physical Damage coverage is extended to:

**a.** Any covered "auto" you lease, hire, rent or borrow without a driver; and

**b.** Any covered "auto" hired or rented by your "employee" without a driver, under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business.

**c.** The most we will pay for any one "accident" or "loss" is the actual cash value, cost of repair, cost of replacement or $75,000, whichever is less, minus a $500 deductible for each covered auto. No deductible applies to "loss" caused by fire or lightning.

**d.** The physical damage coverage as is provided by this provision is equal to the physical damage coverage(s) provided on your owned "autos".

**e.** Such physical damage coverage for hired "autos" will:

**(1)** Include loss of use, provided it is the consequence of an "accident" for which the Named Insured is legally liable, and as a result of which a monetary loss is sustained by the leasing or rental concern.

**(2)** Such coverage as is provided by this provision will be subject to a limit of $750 per "accident."

**E. Airbag Coverage**

The following is added to **Section III, Paragraph B.3.**:

The accidental discharge of an airbag shall not be considered mechanical breakdown.

**F. Electronic Equipment**

**Section III, Paragraphs B.4.c and B.4.d.** are deleted and replaced by the following:

**c.** Physical Damage Coverage on a covered "auto" also applies to "loss" to any permanently installed electronic equipment including its antennas and other accessories

**d.** A $100 per occurrence deductible applies to the coverage provided by this provision.

**G. Diminution In Value**

The following is added to **Section III, Paragraph B.6.**:

Subject to the following, the "diminution in value" exclusion does not apply to:

**a.** Any covered "auto" of the private passenger type you lease, hire, rent or borrow, without a driver for a period of 30 days or less, while performing duties related to the conduct of your business; and

**b.** Any covered "auto" of the private passenger type hired or rented by your "employee" without a driver for a period of 30 days or less, under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business.

**c.** Such coverage as is provided by this provision is limited to a "diminution in value" loss arising directly out of accidental damage and not as a result of the failure to make repairs; faulty or incomplete maintenance or repairs; or the installation of substandard parts.

**d.** The most we will pay for "loss" to a covered "auto" in any one accident is the lesser of:

**(1)** $5,000; or

**(2)** 20% of the "auto's" actual cash value (ACV).

**III. Drive Other Car Coverage – Executive Officers**

The following is added to **Sections II and III**:

1. Any "auto" you don't own, hire or borrow is a covered "auto" for Liability Coverage while being used by, and for Physical Damage Coverage while in the care, custody or control of, any of your "executive officers," except:

**a.** An "auto" owned by that "executive officer" or a member of that person's household; or

**b.** An "auto" used by that "executive officer" while working in a business of selling, servicing, repairing or parking "autos."

Such Liability and/or Physical Damage Coverage as is afforded by this provision.

**(1)** Equal to the greatest of those coverages afforded any covered "auto"; and

**(2)** Excess over any other collectible insurance.

**2.** For purposes of this provision, "executive officer" means a person holding any of the officer positions created by your charter, constitution, by-laws or any other similar governing document, and, while a resident of the same household, includes that person's spouse.

Such "executive officers" are "insureds" while using a covered "auto" described in this provision.

## IV. BUSINESS AUTO CONDITIONS

### A. Duties In The Event Of Accident, Claim, Suit Or Loss

The following is added to **Section IV, Paragraph A.2.a.**:

**(4)** Your "employees" may know of an "accident" or "loss." This will not mean that you have such knowledge, unless such "accident" or "loss" is known to you or if you are not an individual, to any of your executive officers or partners or your insurance manager.

The following is added to **Section IV, Paragraph A.2.b.**:

**(6)** Your "employees" may know of documents received concerning a claim or "suit." This will not mean that you have such knowledge, unless receipt of such documents is known to you or if you are not an individual, to any of your executive officers or partners or your insurance manager.

### B. Transfer Of Rights Of Recovery Against Others To Us

The following is added to **Section IV, Paragraph A.5. Transfer Of Rights Of Recovery Against Others To Us**:

We waive any right of recovery we may have, because of payments we make for injury or damage, against any person or organization for whom or which you are required by written contract or agreement to obtain this waiver from us.

This injury or damage must arise out of your activities under a contract with that person or organization.

You must agree to that requirement prior to an "accident" or "loss".

### C. Concealment, Misrepresentation or Fraud

The following is added to **Section IV, Paragraph B.2.**:

Your failure to disclose all hazards existing on the date of inception of this Coverage Form shall not prejudice you with respect to the coverage afforded provided such failure or omission is not intentional.

### D. Other Insurance

The following is added to **Section IV, Paragraph B.5.**:

Regardless of the provisions of Paragraphs **5.a.** and **5.d.** above, the coverage provided by this policy shall be on a primary non-contributory basis. This provision is applicable only when required by a written contract. That written contract must have been entered into prior to "Accident" or "Loss".

### E. Policy Period, Coverage Territory

**Section IV, Paragraph B. 7.(5).(a).** is revised to provide:

**a.** 45 days of coverage in lieu of 30 days.

## V. DEFINITIONS

**Section V. paragraph C.** is deleted and replaced by the following:

"Bodily injury" means bodily injury, sickness or disease sustained by a person, including mental anguish, mental injury or death resulting from any of these.

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**CNA PARAMOUNT**

# Blanket Additional Insured - Owners, Lessees or Contractors - with Products-Completed Operations Coverage Endorsement

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

It is understood and agreed as follows:

**I.** **WHO IS AN INSURED** is amended to include as an **Insured** any person or organization whom you are required by **written contract** to add as an additional insured on this **Coverage Part**, but only with respect to liability for **bodily injury**, **property damage** or **personal and advertising injury** caused in whole or in part by your acts or omissions, or the acts or omissions of those acting on your behalf:

**A.** In the performance of your ongoing operations subject to such **written contract**; or

**B.** In the performance of **your work** subject to such **written contract**, but only with respect to **bodily injury** or **property damage** included in the **products-completed operations hazard**, and only if:

**1.** The **written contract** requires you to provide the additional insured such coverage; and

**2.** This **Coverage Part** provides such coverage; and

**C.** Subject always to the terms and conditions of this policy, including the limits of insurance, the Insurer will not provide such additional insured with:

**1.** Coverage broader than what you are required to provide by the **written contract**; or

**2.** A higher limit of insurance than what you are required to provide by the **written contract**.

Any coverage granted by this Paragraph **I.** shall apply solely to the extent permissible by law.

**II.** If the written contract requires additional insured coverage under the 07-04 edition of CG2010 or CG2037, then paragraph **I.** above is deleted in its entirety and replaced by the following:

**WHO IS AN INSURED** is amended to include as an **Insured** any person or organization whom you are required by **written contract** to add as an additional insured on this **Coverage Part**, but only with respect to liability for **bodily injury**, **property damage** or **personal and advertising injury** caused in whole or in part by your acts or omissions, or the acts or omissions of those acting on your behalf:

**A.** In the performance of your ongoing operations subject to such **written contract**; or

**B.** In the performance of **your work** subject to such **written contract**, but only with respect to **bodily injury** or **property damage** included in the **products-completed operations hazard**, and only if:

**1.** The **written contract** requires you to provide the additional insured such coverage; and

**2.** This **Coverage Part** provides such coverage.

**III.** But if the **written contract** requires:

**A.** Additional insured coverage under the 11-85 edition, 10-93 edition, or 10-01 edition of CG2010, or under the 10-01 edition of CG2037; or

**B.** Additional insured coverage with "arising out of" language;

then paragraph **I.** above is deleted in its entirety and replaced by the following:

**WHO IS AN INSURED** is amended to include as an **Insured** any person or organization whom you are required by **written contract** to add as an additional insured on this **Coverage Part**, but only with respect to liability for **bodily injury**, **property damage** or **personal and advertising injury** arising out of **your work** that is subject to such **written contract**.

**IV.** But if the **written contract** requires additional insured coverage to the greatest extent permissible by law, then paragraph **I.** above is deleted in its entirety and replaced by the following:



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# Blanket Additional Insured - Owners, Lessees or Contractors - with Products-Completed Operations Coverage Endorsement

**WHO IS AN INSURED** is amended to include as an **Insured** any person or organization whom you are required by **written contract** to add as an additional insured on this **Coverage Part**, but only with respect to liability for **bodily injury**, **property damage** or **personal and advertising injury** arising out of **your work** that is subject to such **written contract**.

**V.** The insurance granted by this endorsement to the additional insured does not apply to **bodily injury**, **property damage**, or **personal and advertising injury** arising out of:

**A.** The rendering of, or the failure to render, any professional architectural, engineering, or surveying services, including:

**1.** The preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and

**2.** Supervisory, inspection, architectural or engineering activities; or

**B.** Any premises or work for which the additional insured is specifically listed as an additional insured on another endorsement attached to this **Coverage Part**.

**VI.** Under **COMMERCIAL GENERAL LIABILITY CONDITIONS,** the Condition entitled **Other Insurance** is amended to add the following, which supersedes any provision to the contrary in this Condition or elsewhere in this **Coverage Part**:

**Primary and Noncontributory Insurance**

With respect to other insurance available to the additional insured under which the additional insured is a named insured, this insurance is primary to and will not seek contribution from such other insurance, provided that a **written contract** requires the insurance provided by this policy to be:

**1.** Primary and non-contributing with other insurance available to the additional insured; or

**2.** Primary and to not seek contribution from any other insurance available to the additional insured.

But except as specified above, this insurance will be excess of all other insurance available to the additional insured.

**VII.** Solely with respect to the insurance granted by this endorsement, the section entitled **COMMERCIAL GENERAL LIABILITY CONDITIONS** is amended as follows:

The Condition entitled **Duties In The Event of Occurrence, Offense, Claim or Suit** is amended with the addition of the following:

Any additional insured pursuant to this endorsement will as soon as practicable:

**1.** Give the Insurer written notice of any **claim**, or any **occurrence** or offense which may result in a **claim**;

**2.** Send the Insurer copies of all legal papers received, and otherwise cooperate with the Insurer in the investigation, defense, or settlement of the **claim**; and

**3.** Make available any other insurance, and endeavor to tender the defense and indemnity of any **claim** to any other insurer or self-insurer, whose policy or program applies to a loss that the Insurer covers under this **coverage part**. However, if the **written contract** requires this insurance to be primary and non-contributory, this paragraph **3.** does not apply to other insurance under which the additional insured is a named insured.

The Insurer has no duty to defend or indemnify an additional insured under this endorsement until the Insurer receives written notice of a **claim** from the additional insured.

**VIII.** Solely with respect to the insurance granted by this endorsement, the section entitled **DEFINITIONS** is amended to add the following definition:

**Written contract** means a written contract or written agreement that requires you to make a person or organization an additional insured on this **Coverage Part**, provided the contract or agreement:

**A.** Was executed prior to:



Policy No: 8033870501
Effective Date: 12/31/2025

National Fire Insurance Company

Insured Name: P.T. Ferro Construction Co. Inc.

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1. The **bodily injury** or **property damage**; or
2. The offense that caused the **personal and advertising injury**;

for which the additional insured seeks coverage; and

**B.** Is still in effect at the time of the **bodily injury** or **property damage occurrence** or **personal and advertising injury** offense.

All other terms and conditions of the Policy remain unchanged.

This endorsement, which forms a part of and is for attachment to the Policy issued by the designated Insurers, takes effect on the effective date of said Policy at the hour stated in said Policy, unless another effective date is shown below, and expires concurrently with said Policy.



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# CNA Paramount

## Contractors' General Liability Extension Endorsement

It is understood and agreed that this endorsement amends the **COMMERCIAL GENERAL LIABILITY COVERAGE PART** as follows. If any other endorsement attached to this policy amends any provision also amended by this endorsement, then that other endorsement controls with respect to such provision, and the changes made by this endorsement with respect to such provision do not apply.

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1. **ADDITIONAL INSUREDS**

   a. **WHO IS AN INSURED** is amended to include as an **Insured** any person or organization described in paragraphs **A.** through **H.** below whom a **Named Insured** is required to add as an additional insured on this **Coverage Part** under a written contract or written agreement, provided such contract or agreement:

      **(1)** is currently in effect or becomes effective during the term of this **Coverage Part**; and

      **(2)** was executed prior to:

         **(a)** the **bodily injury** or **property damage**; or

         **(b)** the offense that caused the **personal and advertising injury**,

         for which such additional insured seeks coverage.

   b. However, subject always to the terms and conditions of this policy, including the limits of insurance, the Insurer will not provide such additional insured with:

      **(1)** a higher limit of insurance than required by such contract or agreement; or

      **(2)** coverage broader than required by such contract or agreement, and in no event broader than that described by the applicable paragraph **A.** through **H.** below.

   Any coverage granted by this endorsement shall apply only to the extent permissible by law.

   **A. Controlling Interest**

   Any person or organization with a controlling interest in a **Named Insured**, but only with respect to such person or organization's liability for **bodily injury**, **property damage** or **personal and advertising injury** arising out of:

   1. such person or organization's financial control of a **Named Insured**; or
   2. premises such person or organization owns, maintains or controls while a **Named Insured** leases or occupies such premises;

   provided that the coverage granted by this paragraph does not apply to structural alterations, new construction or demolition operations performed by, on behalf of, or for such additional insured.

   **B. Co-owner of Insured Premises**

   A co-owner of a premises co-owned by a **Named Insured** and covered under this insurance but only with respect to such co-owner's liability for **bodily injury**, **property damage** or **personal and advertising injury** as co-owner of such premises.

   **C. Lessor of Equipment**

   Any person or organization from whom a **Named Insured** leases equipment, but only with respect to liability for **bodily injury**, **property damage** or **personal and advertising injury** caused, in whole or in part, by the **Named Insured's** maintenance, operation or use of such equipment, provided that the **occurrence** giving rise to such **bodily injury**, **property damage** or the offense giving rise to such **personal and advertising injury** takes place prior to the termination of such lease.

   **D. Lessor of Land**

   Any person or organization from whom a **Named Insured** leases land but only with respect to liability for **bodily injury**, **property damage** or **personal and advertising injury** arising out of the ownership, maintenance or use of such land, provided that the **occurrence** giving rise to such **bodily injury**, **property damage** or the offense giving rise to such **personal and advertising injury** takes place prior to the termination of such lease. The coverage granted by this paragraph does not apply to structural alterations, new construction or demolition operations performed by, on behalf of, or for such additional insured.

   **E. Lessor of Premises**

   An owner or lessor of premises leased to the **Named Insured**, or such owner or lessor's real estate manager, but only with respect to liability for **bodily injury**, **property damage** or **personal and advertising injury** arising out



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of the ownership, maintenance or use of such part of the premises leased to the **Named Insured**, and provided that the **occurrence** giving rise to such **bodily injury** or **property damage**, or the offense giving rise to such **personal and advertising injury**, takes place prior to the termination of such lease. The coverage granted by this paragraph does not apply to structural alterations, new construction or demolition operations performed by, on behalf of, or for such additional insured.

**F. Mortgagee, Assignee or Receiver**

A mortgagee, assignee or receiver of premises but only with respect to such mortgagee, assignee or receiver's liability for **bodily injury**, **property damage** or **personal and advertising injury** arising out of the **Named Insured's** ownership, maintenance, or use of a premises by a **Named Insured**.

The coverage granted by this paragraph does not apply to structural alterations, new construction or demolition operations performed by, on behalf of, or for such additional insured.

**G. State or Governmental Agency or Subdivision or Political Subdivisions – Permits**

A state or governmental agency or subdivision or political subdivision that has issued a permit or authorization but only with respect to such state or governmental agency or subdivision or political subdivision's liability for **bodily injury**, **property damage** or **personal and advertising injury** arising out of:

1. the following hazards in connection with premises a **Named Insured** owns, rents, or controls and to which this insurance applies:
   a. the existence, maintenance, repair, construction, erection, or removal of advertising signs, awnings, canopies, cellar entrances, coal holes, driveways, manholes, marquees, hoistaway openings, sidewalk vaults, street banners, or decorations and similar exposures; or
   b. the construction, erection, or removal of elevators; or
   c. the ownership, maintenance or use of any elevators covered by this insurance; or
2. the permitted or authorized operations performed by a **Named Insured** or on a **Named Insured's** behalf.

   The coverage granted by this paragraph does not apply to:
   a. **Bodily injury**, **property damage** or **personal and advertising injury** arising out of operations performed for the state or governmental agency or subdivision or political subdivision; or
   b. **Bodily injury** or **property damage** included within the **products-completed operations hazard**.

With respect to this provision's requirement that additional insured status must be requested under a written contract or agreement, the Insurer will treat as a written contract any governmental permit that requires the **Named Insured** to add the governmental entity as an additional insured.

**H. Trade Show Event Lessor**

1. With respect to a **Named Insured's** participation in a trade show event as an exhibitor, presenter or displayer, any person or organization whom the **Named Insured** is required to include as an additional insured, but only with respect to such person or organization's liability for **bodily injury**, **property damage** or **personal and advertising injury** caused by:
   a. the **Named Insured's** acts or omissions; or
   b. the acts or omissions of those acting on the **Named Insured's** behalf,

   in the performance of the **Named Insured's** ongoing operations at the trade show event premises during the trade show event.
2. The coverage granted by this paragraph does not apply to **bodily injury** or **property damage** included within the **products-completed operations hazard**.

**2. ADDITIONAL INSURED - PRIMARY AND NON-CONTRIBUTORY TO ADDITIONAL INSURED'S INSURANCE**

The **Other Insurance** Condition in the **COMMERCIAL GENERAL LIABILITY CONDITIONS** Section is amended to add the following paragraph:



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If the **Named Insured** has agreed in writing in a contract or agreement that this insurance is primary and non-contributory relative to an additional insured's own insurance, then this insurance is primary, and the Insurer will not seek contribution from that other insurance. For the purpose of this Provision **2.**, the additional insured's own insurance means insurance on which the additional insured is a named insured. Otherwise, and notwithstanding anything to the contrary elsewhere in this Condition, the insurance provided to such person or organization is excess of any other insurance available to such person or organization.

**3. BODILY INJURY – EXPANDED DEFINITION**

Under **DEFINITIONS**, the definition of **bodily injury** is deleted and replaced by the following:

**Bodily injury** means physical injury, sickness or disease sustained by a person, including death, humiliation, shock, mental anguish or mental injury sustained by that person at any time which results as a consequence of the physical injury, sickness or disease.

**4. BROAD KNOWLEDGE OF OCCURRENCE/ NOTICE OF OCCURRENCE**

Under **CONDITIONS**, the condition entitled **Duties in The Event of Occurrence, Offense, Claim or Suit** is amended to add the following provisions:

**A. BROAD KNOWLEDGE OF OCCURRENCE**

The **Named Insured** must give the Insurer or the Insurer's authorized representative notice of an **occurrence**, offense or **claim** only when the **occurrence**, offense or **claim** is known to a natural person **Named Insured**, to a partner, executive officer, manager or member of a **Named Insured**, or an **employee** designated by any of the above to give such notice.

**B. NOTICE OF OCCURRENCE**

The **Named Insured's** rights under this **Coverage Part** will not be prejudiced if the **Named Insured** fails to give the Insurer notice of an **occurrence**, offense or **claim** and that failure is solely due to the **Named Insured's** reasonable belief that the **bodily injury** or **property damage** is not covered under this **Coverage Part**. However, the **Named Insured** shall give written notice of such **occurrence**, offense or **claim** to the Insurer as soon as the **Named Insured** is aware that this insurance may apply to such **occurrence**, offense or **claim**.

**5. BROAD NAMED INSURED**

**WHO IS AN INSURED** is amended to delete its Paragraph **3.** in its entirety and replace it with the following:

**3.** Pursuant to the limitations described in Paragraph **4.** below, any organization in which a **Named Insured** has management control:

**a.** on the effective date of this **Coverage Part**; or

**b.** by reason of a **Named Insured** creating or acquiring the organization during the **policy period**,

qualifies as a **Named Insured**, provided that there is no other similar liability insurance, whether primary, contributory, excess, contingent or otherwise, which provides coverage to such organization, or which would have provided coverage but for the exhaustion of its limit, and without regard to whether its coverage is broader or narrower than that provided by this insurance.

But this **BROAD NAMED INSURED** provision does not apply to:

**(a)** any partnership, limited liability company or joint venture; or

**(b)** any organization for which coverage is excluded by another endorsement attached to this **Coverage Part**.

For the purpose of this provision, management control means:

**A.** owning interests representing more than 50% of the voting, appointment or designation power for the selection of a majority of the Board of Directors of a corporation; or

**B.** having the right, pursuant to a written trust agreement, to protect, control the use of, encumber or transfer or sell property held by a trust.



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4. With respect to organizations which qualify as **Named Insureds** by virtue of Paragraph **3.** above, this insurance does not apply to:

   a. **bodily injury** or **property damage** that first occurred prior to the date of management control, or that first occurs after management control ceases; nor

   b. **personal or advertising injury** caused by an offense that first occurred prior to the date of management control or that first occurs after management control ceases.

5. The insurance provided by this **Coverage Part** applies to **Named Insureds** when trading under their own names or under such other trading names or doing-business-as names (dba) as any **Named Insured** should choose to employ.

**6. BROADENED LIABILITY COVERAGE FOR DAMAGE TO YOUR PRODUCT AND YOUR WORK**

**A.** Under **COVERAGES**, **Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete exclusions **k.** and **l.** and replace them with the following:

This insurance does not apply to:

**k. Damage to Your Product**

**Property damage** to **your product** arising out of it, or any part of it except when caused by or resulting from:

**(1)** fire;

**(2)** smoke;

**(3)** collapse; or

**(4)** explosion.

**l. Damage to Your Work**

**Property damage** to **your work** arising out of it, or any part of it and included in the **products-completed operations hazard**.

This exclusion does not apply:

**(1)** If the damaged work, or the work out of which the damage arises, was performed on the **Named Insured's** behalf by a subcontractor; or

**(2)** If the cause of loss to the damaged work arises as a result of:

**(a)** fire;

**(b)** smoke;

**(c)** collapse; or

**(d)** explosion.

**B.** The following paragraph is added to **LIMITS OF INSURANCE**:

Subject to **5.** above, $100,000 is the most the Insurer will pay under **Coverage A** for the sum of **damages** arising out of any one **occurrence** because of **property damage** to **your product** and **your work** that is caused by fire, smoke, collapse or explosion and is included within the **product-completed operations hazard**. This sublimit does not apply to **property damage** to **your work** if the damaged work, or the work out of which the damage arises, was performed on the **Named Insured's** behalf by a subcontractor.

**C.** This **Broadened Liability Coverage For Damage To Your Product And Your Work** Provision does not apply if an endorsement of the same name is attached to this policy.

**7. CONTRACTUAL LIABILITY – RAILROADS**

With respect to operations performed within 50 feet of railroad property, the definition of **insured contract** is replaced by the following:



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**Insured Contract** means:

**a.** A contract for a lease of premises. However, that portion of the contract for a lease of premises that indemnifies any person or organization for damage by fire to premises while rented to a **Named Insured** or temporarily occupied by a **Named Insured** with permission of the owner is not an **insured contract**;

**b.** A sidetrack agreement;

**c.** Any easement or license agreement;

**d.** An obligation, as required by ordinance, to indemnify a municipality, except in connection with work for a municipality;

**e.** An elevator maintenance agreement;

**f.** That part of any other contract or agreement pertaining to the **Named Insured's** business (including an indemnification of a municipality in connection with work performed for a municipality) under which the **Named Insured** assumes the tort liability of another party to pay for **bodily injury** or **property damage** to a third person or organization. Tort liability means a liability that would be imposed by law in the absence of any contract or agreement.

Paragraph **f.** does not include that part of any contract or agreement:

**(1)** That indemnifies an architect, engineer or surveyor for injury or damage arising out of:

**(a)** Preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or

**(b)** Giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage;

**(2)** Under which the **Insured**, if an architect, engineer or surveyor, assumes liability for an injury or damage arising out of the insured's rendering or failure to render professional services, including those listed in **(1)** above and supervisory, inspection, architectural or engineering activities.

**8. ELECTRONIC DATA LIABILITY**

**A.** Under **COVERAGES**, **Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete exclusion **p. Electronic Data** and replace it with the following:

This insurance does not apply to:

**p. Access Or Disclosure Of Confidential Or Personal Information And Data-related Liability**

Damages arising out of:

**(1)** any access to or disclosure of any person's or organization's confidential or personal information, including patents, trade secrets, processing methods, customer lists, financial information, credit card information, health information or any other type of nonpublic information; or

**(2)** the loss of, loss of use of, damage to, corruption of, inability to access, or inability to manipulate **electronic data** that does not result from physical injury to tangible property.

However, unless Paragraph **(1)** above applies, this exclusion does not apply to **damages** because of **bodily injury**.

This exclusion applies even if damages are claimed for notification costs, credit monitoring expenses, forensic expenses, public relation expenses or any other loss, cost or expense incurred by the **Named Insured** or others arising out of that which is described in Paragraph **(1)** or **(2)** above.

**B.** The following paragraph is added to **LIMITS OF INSURANCE**:

Subject to **5.** above, $100,000 is the most the Insurer will pay under **Coverage A** for all **damages** arising out of any one **occurrence** because of **property damage** that results from physical injury to tangible property and arises out of **electronic data.**

**C.** The following definition is added to **DEFINITIONS**:



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**Electronic data** means information, facts or programs stored as or on, created or used on, or transmitted to or from computer software (including systems and applications software), hard or floppy disks, CD-ROMS, tapes, drives, cells, data processing devices or any other media which are used with electronically controlled equipment.

**D.** For the purpose of the coverage provided by this **ELECTRONIC DATA LIABILITY** Provision, the definition of **property damage** in **DEFINITIONS** is replaced by the following:

**Property damage** means:

**a.** Physical injury to tangible property, including all resulting loss of use of that property. All such loss of use shall be deemed to occur at the time of the physical injury that caused it;

**b.** Loss of use of tangible property that is not physically injured. All such loss of use shall be deemed to occur at the time of the **occurrence** that caused it; or

**c.** Loss of, loss of use of, damage to, corruption of, inability to access, or inability to properly manipulate **electronic data**, resulting from physical injury to tangible property. All such loss of **electronic data** shall be deemed to occur at the time of the **occurrence** that caused it.

For the purposes of this insurance, **electronic data** is not tangible property.

**E.** If Electronic Data Liability is provided at a higher limit by another endorsement attached to this policy, then the $100,000 limit provided by this **ELECTRONIC DATA LIABILITY** Provision is part of, and not in addition to, that higher limit.

**9. ESTATES, LEGAL REPRESENTATIVES, AND SPOUSES**

The estates, heirs, legal representatives and **spouses** of any natural person **Insured** shall also be insured under this policy; provided, however, coverage is afforded to such estates, heirs, legal representatives, and **spouses** only for **claims** arising solely out of their capacity or status as such and, in the case of a **spouse**, where such **claim** seeks **damages** from marital community property, jointly held property or property transferred from such natural person **Insured** to such **spouse**. No coverage is provided for any act, error or omission of an estate, heir, legal representative, or **spouse** outside the scope of such person's capacity or status as such, provided however that the **spouse** of a natural person **Named Insured** and the **spouses** of members or partners of joint venture or partnership **Named Insureds** are **Insureds** with respect to such **spouses'** acts, errors or omissions in the conduct of the **Named Insured's** business.

**10. EXPECTED OR INTENDED INJURY – EXCEPTION FOR REASONABLE FORCE**

Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete the exclusion entitled **Expected or Intended Injury** and replace it with the following:

This insurance does not apply to:

**Expected or Intended Injury**

**Bodily injury** or **property damage** expected or intended from the standpoint of the **Insured**. This exclusion does not apply to **bodily injury** or **property damage** resulting from the use of reasonable force to protect persons or property.

**11. GENERAL AGGREGATE LIMITS OF INSURANCE - PER PROJECT**

**A.** For each construction project away from premises the **Named Insured** owns or rents, a separate Construction Project General Aggregate Limit, equal to the amount of the General Aggregate Limit shown in the Declarations, is the most the Insurer will pay for the sum of:

1. All **damages** under **Coverage A**, except **damages** because of **bodily injury** or **property damage** included in the **products-completed operations hazard**; and

2. All medical expenses under **Coverage C**,

that arise from **occurrences** or accidents which can be attributed solely to ongoing operations at that construction project. Such payments shall not reduce the General Aggregate Limit shown in the Declarations, nor the Construction Project General Aggregate Limit of any other construction project.



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**B.** All:

1. **Damages** under **Coverage B**, regardless of the number of locations or construction projects involved;
2. **Damages** under **Coverage A**, caused by **occurrences** which cannot be attributed solely to ongoing operations at a single construction project, except **damages** because of **bodily injury** or **property damage** included in the **products-completed operations hazard**; and
3. Medical expenses under **Coverage C** caused by accidents which cannot be attributed solely to ongoing operations at a single construction project,

will reduce the General Aggregate Limit shown in the Declarations.

**C.** The limits shown in the Declarations for Each Occurrence, for Damage To Premises Rented To You and for Medical Expense continue to apply, but will be subject to either the Construction Project General Aggregate Limit or the General Aggregate Limit shown in the Declarations, depending on whether the **occurrence** can be attributed solely to ongoing operations at a particular construction project.

**D.** When coverage for liability arising out of the **products-completed operations hazard** is provided, any payments for **damages** because of **bodily injury** or **property damage** included in the **products-completed operations hazard** will reduce the Products-Completed Operations Aggregate Limit shown in the Declarations, regardless of the number of projects involved.

**E.** If a single construction project away from premises owned by or rented to the **Insured** has been abandoned and then restarted, or if the authorized contracting parties deviate from plans, blueprints, designs, specifications or timetables, the project will still be deemed to be the same construction project.

**F.** The provisions of **LIMITS OF INSURANCE** not otherwise modified by this endorsement shall continue to apply as stipulated.

**12. IN REM ACTIONS**

A quasi in rem action against any vessel owned or operated by or for the **Named Insured**, or chartered by or for the **Named Insured**, will be treated in the same manner as though the action were in personam against the **Named Insured**.

**13. INCIDENTAL HEALTH CARE MALPRACTICE COVERAGE**

Solely with respect to **bodily injury** that arises out of a **health care incident**:

**A.** Under **COVERAGES**, **Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Insuring Agreement** is amended to replace Paragraphs **1.b.(1)** and **1.b.(2)** with the following:

**b.** This insurance applies to **bodily injury** provided that the professional health care services are incidental to the **Named Insured's** primary business purpose, and only if:

**(1)** such **bodily injury** is caused by an **occurrence** that takes place in the **coverage territory**.

**(2)** the **bodily injury** first occurs during the **policy period**. All **bodily injury** arising from an **occurrence** will be deemed to have occurred at the time of the first act, error, or omission that is part of the **occurrence**; and

**B.** Under **COVERAGES**, **Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to:

**i.** add the following to the **Employers Liability** exclusion:

This exclusion applies only if the **bodily injury** arising from a **health care incident** is covered by other liability insurance available to the **Insured** (or which would have been available but for exhaustion of its limits).

**ii.** delete the exclusion entitled **Contractual Liability** and replace it with the following:

This insurance does not apply to:

**Contractual Liability**



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the **Insured's** actual or alleged liability under any oral or written contract or agreement, including but not limited to express warranties or guarantees.

iii. add the following additional exclusions:

This insurance does not apply to:

**Discrimination**

any actual or alleged discrimination, humiliation or harassment, including but not limited to **claims** based on an individual's race, creed, color, age, gender, national origin, religion, disability, marital status or sexual orientation.

**Dishonesty or Crime**

Any actual or alleged dishonest, criminal or malicious act, error or omission.

**Medicare/Medicaid Fraud**

any actual or alleged violation of law with respect to Medicare, Medicaid, Tricare or any similar federal, state or local governmental program.

**Services Excluded by Endorsement**

Any **health care incident** for which coverage is excluded by endorsement.

C. **DEFINITIONS** is amended to:

i. add the following definitions:

**Health care incident** means an act, error or omission by the **Named Insured's employees** or **volunteer workers** in the rendering of:

a. **professional health care services** on behalf of the **Named Insured** or

b. Good Samaritan services rendered in an emergency and for which no payment is demanded or received.

**Professional health care services** means any health care services or the related furnishing of food, beverages, medical supplies or appliances by the following providers in their capacity as such but solely to the extent they are duly licensed as required:

a. Physician;

b. Nurse;

c. Nurse practitioner;

d. Emergency medical technician;

e. Paramedic;

f. Dentist;

g. Physical therapist;

h. Psychologist;

i. Speech therapist;

j. Other allied health professional; or

**Professional health care services** does not include any services rendered in connection with human clinical trials or product testing.

ii. delete the definition of **occurrence** and replace it with the following:

**Occurrence** means a **health care incident**. All acts, errors or omissions that are logically connected by any common fact, circumstance, situation, transaction, event, advice or decision will be considered to constitute a single **occurrence**;



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iii. amend the definition of **Insured** to:

a. add the following:

- the **Named Insured's employees** are **Insureds** with respect to:

(1) **bodily injury** to a co-**employee** while in the course of the co-**employee's** employment by the **Named Insured** or while performing duties related to the conduct of the **Named Insured's** business; and

(2) **bodily injury** to a **volunteer worker** while performing duties related to the conduct of the **Named Insured's** business;

when such **bodily injury** arises out of a **health care incident**.

- the **Named Insured's volunteer workers** are **Insureds** with respect to:

(1) **bodily injury** to a co-**volunteer worker** while performing duties related to the conduct of the **Named Insured's** business; and

(2) **bodily injury** to an **employee** while in the course of the **employee's** employment by the **Named Insured** or while performing duties related to the conduct of the **Named Insured's** business;

when such **bodily injury** arises out of a **health care incident**.

b. delete Subparagraphs **(a)**, **(b)**, **(c) and (d)** of Paragraph **2.a.(1)** of **WHO IS AN INSURED**.

D. The **Other Insurance** condition is amended to delete Paragraph **b.(1)** in its entirety and replace it with the following:

**Other Insurance**

**b. Excess Insurance**

**(1)** To the extent this insurance applies, it is excess over any other insurance, self insurance or risk transfer instrument, whether primary, excess, contingent or on any other basis, except for insurance purchased specifically by the **Named Insured** to be excess of this coverage.

**14. JOINT VENTURES / PARTNERSHIP / LIMITED LIABILITY COMPANIES**

**WHO IS AN INSURED** is amended to delete its last paragraph and replace it with the following:

No person or organization is an **Insured** with respect to the conduct of any current or past partnership, joint venture or limited liability company that is not shown as a **Named Insured** in the Declarations, except that if the **Named Insured** was a joint venturer, partner, or member of a limited liability company and such joint venture, partnership or limited liability company terminated prior to or during the **policy period**, such **Named Insured** is an **Insured** with respect to its interest in such joint venture, partnership or limited liability company but only to the extent that:

**a.** any offense giving rise to **personal and advertising injury** occurred prior to such termination date, and the **personal and advertising injury** arising out of such offense first occurred after such termination date;

**b.** the **bodily injury** or **property damage** first occurred after such termination date; and

**c.** there is no other valid and collectible insurance purchased specifically to insure the partnership, joint venture or limited liability company; and

If the joint venture, partnership or limited liability company is or was insured under a **consolidated (wrap-up) insurance program**, then such insurance will always be considered valid and collectible for the purpose of paragraph **c.** above. But this provision will not serve to exclude **bodily injury**, **property damage** or **personal and advertising injury** that would otherwise be covered under the **Contractors General Liability Extension Endorsement** provision entitled **WRAP-UP EXTENSION: OCIP, CCIP, OR CONSOLIDATED (WRAP-UP) INSURANCE PROGRAMS**. Please see that provision for the definition of **consolidated (wrap-up) insurance program**.

**15. LEGAL LIABILITY – DAMAGE TO PREMISES / ALIENATED PREMISES / PROPERTY IN THE NAMED INSURED'S CARE, CUSTODY OR CONTROL**



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**A.** Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete exclusion **j. Damage to Property** in its entirety and replace it with the following:

This insurance does not apply to:

**j. Damage to Property**

**Property damage** to:

**(1)** Property the **Named Insured** owns, rents, or occupies, including any costs or expenses incurred by you, or any other person, organization or entity, for repair, replacement, enhancement, restoration or maintenance of such property for any reason, including prevention of injury to a person or damage to another's property;

**(2)** Premises the **Named Insured** sells, gives away or abandons, if the **property damage** arises out of any part of those premises;

**(3)** Property loaned to the **Named Insured**;

**(4)** Personal property in the care, custody or control of the **Insured**;

**(5)** That particular part of real property on which the **Named Insured** or any contractors or subcontractors working directly or indirectly on the **Named Insured's** behalf are performing operations, if the **property damage** arises out of those operations; or

**(6)** That particular part of any property that must be restored, repaired or replaced because **your work** was incorrectly performed on it.

Paragraphs **(1), (3)** and **(4)** of this exclusion do not apply to **property damage** (other than damage by fire) to premises rented to the **Named Insured** or temporarily occupied by the **Named Insured** with the permission of the owner, nor to the contents of premises rented to the **Named Insured** for a period of 7 or fewer consecutive days. A separate limit of insurance applies to Damage To Premises Rented To You as described in **LIMITS OF INSURANCE**.

Paragraph **(2)** of this exclusion does not apply if the premises are **your work**.

Paragraphs **(3), (4), (5)** and **(6)** of this exclusion do not apply to liability assumed under a sidetrack agreement.

Paragraph **(6)** of this exclusion does not apply to **property damage** included in the **products-completed operations hazard**.

Paragraphs **(3)** and **(4)** of this exclusion do not apply to **property damage** to:

**i.** tools, or equipment the **Named Insured** borrows from others, nor

**ii.** other personal property of others in the **Named Insured's** care, custody or control while being used in the **Named Insured's** operations away from any **Named Insured's** premises.

However, the coverage granted by this exception to Paragraphs **(3)** and **(4)** does not apply to:

**a.** property at a job site awaiting or during such property's installation, fabrication, or erection;

**b.** property that is **mobile equipment** leased by an **Insured**;

**c.** property that is an **auto**, aircraft or watercraft;

**d.** property in transit; or

**e.** any portion of **property damage** for which the **Insured** has available other valid and collectible insurance, or would have such insurance but for exhaustion of its limits, or but for application of one of its exclusions.

A separate limit of insurance and deductible apply to such property of others. See **LIMITS OF INSURANCE** as amended below.



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**B.** Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete its last paragraph and replace it with the following:

Exclusions **c.** through **n.** do not apply to damage by fire to premises while rented to a **Named Insured** or temporarily occupied by a **Named Insured** with permission of the owner, nor to damage to the contents of premises rented to a **Named Insured** for a period of 7 or fewer consecutive days.

A separate limit of insurance applies to this coverage as described in **LIMITS OF INSURANCE.**

**C.** The following paragraph is added to **LIMITS OF INSURANCE**:

Subject to **5.** above, $25,000 is the most the Insurer will pay under **Coverage A** for **damages** arising out of any one **occurrence** because of the sum of all **property damage** to borrowed tools or equipment, and to other personal property of others in the **Named Insured's** care, custody or control, while being used in the **Named Insured's** operations away from any **Named Insured's** premises. The Insurer's obligation to pay such **property damage** does not apply until the amount of such **property damage** exceeds $1,000. The Insurer has the right but not the duty to pay any portion of this $1,000 in order to effect settlement. If the Insurer exercises that right, the **Named Insured** will promptly reimburse the Insurer for any such amount.

**D.** Paragraph **6.**, Damage To Premises Rented To You Limit, of **LIMITS OF INSURANCE** is deleted and replaced by the following:

**6.** Subject to Paragraph **5.** above, (the Each Occurrence Limit), the Damage To Premises Rented To You Limit is the most the Insurer will pay under **Coverage A** for **damages** because of **property damage** to any one premises while rented to the **Named Insured** or temporarily occupied by the **Named Insured** with the permission of the owner, including contents of such premises rented to the **Named Insured** for a period of 7 or fewer consecutive days. The Damage To Premises Rented To You Limit is the greater of:

**a.** $500,000; or

**b.** The Damage To Premises Rented To You Limit shown in the Declarations.

**E.** Paragraph **4.b.(1)(a)(ii)** of the **Other Insurance** Condition is deleted and replaced by the following:

**(ii)** That is property insurance for premises rented to the **Named Insured**, for premises temporarily occupied by the **Named Insured** with the permission of the owner; or for personal property of others in the **Named Insured's** care, custody or control;

**16. LIQUOR LIABILITY**

Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete the exclusion entitled **Liquor Liability.**

This **LIQUOR LIABILITY** provision does not apply to any person or organization who otherwise qualifies as an additional insured on this **Coverage Part**.

**17. MEDICAL PAYMENTS**

**A. LIMITS OF INSURANCE** is amended to delete Paragraph **7.** (the Medical Expense Limit) and replace it with the following:

**7.** Subject to Paragraph **5.** above (the Each Occurrence Limit), the Medical Expense Limit is the most the Insurer will pay under **Coverage C – Medical Payments** for all medical expenses because of **bodily injury** sustained by any one person. The Medical Expense Limit is the greater of:

**(1)** $15,000 unless a different amount is shown here: $<insert ($) amount>; or

**(2)** the amount shown in the Declarations for Medical Expense Limit.

**B.** Under **COVERAGES**, the **Insuring Agreement** of **Coverage C – Medical Payments** is amended to replace Paragraph **1.a.(3)(b)** with the following:

**(b)** The expenses are incurred and reported to the Insurer within three years of the date of the accident; and



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**18. NON-OWNED AIRCRAFT**

Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended as follows:

The exclusion entitled **Aircraft, Auto or Watercraft** is amended to add the following:

This exclusion does not apply to an aircraft not owned by any **Named Insured**, provided that:

1. the pilot in command holds a currently effective certificate issued by the duly constituted authority of the United States of America or Canada, designating that person as a commercial or airline transport pilot;
2. the aircraft is rented with a trained, paid crew to the **Named Insured**; and
3. the aircraft is not being used to carry persons or property for a charge.

**19. NON-OWNED WATERCRAFT**

Under **COVERAGES, Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended to delete subparagraph **(2)** of the exclusion entitled **Aircraft, Auto or Watercraft**, and replace it with the following.

This exclusion does not apply to:

**(2)** a watercraft that is not owned by any **Named Insured**, provided the watercraft is:

**(a)** less than 75 feet long; and

**(b)** not being used to carry persons or property for a charge.

**20. PERSONAL AND ADVERTISING INJURY –DISCRIMINATION OR HUMILIATION**

**A.** Under **DEFINITIONS**, the definition of **personal and advertising injury** is amended to add the following tort:

- Discrimination or humiliation that results in injury to the feelings or reputation of a natural person.

**B.** Under **COVERAGES**, **Coverage B – Personal and Advertising Injury Liability**, the paragraph entitled **Exclusions** is amended to:

1. delete the Exclusion entitled **Knowing Violation Of Rights Of Another** and replace it with the following:

   This insurance does not apply to:

   **Knowing Violation of Rights of Another**

   **Personal and advertising injury** caused by or at the direction of the **Insured** with the knowledge that the act would violate the rights of another and would inflict **personal and advertising injury**. This exclusion shall not apply to discrimination or humiliation that results in injury to the feelings or reputation of a natural person, but only if such discrimination or humiliation is not done intentionally by or at the direction of:

   **(a)** the **Named Insured**; or

   **(b)** any **executive officer**, director, stockholder, partner, member or manager (if the **Named Insured** is a limited liability company) of the **Named Insured**.

2. add the following exclusions:

   This insurance does not apply to:

   **Employment Related Discrimination**

   Discrimination or humiliation directly or indirectly related to the employment, prospective employment, past employment or termination of employment of any person by any **Insured**.

   **Premises Related Discrimination**

   **discrimination or humiliation** arising out of the sale, rental, lease or sub-lease or prospective sale, rental, lease or sub-lease of any room, dwelling or premises by or at the direction of any **Insured**.



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Notwithstanding the above, there is no coverage for fines or penalties levied or imposed by a governmental entity because of discrimination.

The coverage provided by this **PERSONAL AND ADVERTISING INJURY –DISCRIMINATION OR HUMILIATION** Provision does not apply to any person or organization whose status as an **Insured** derives solely from

- Provision **1. ADDITIONAL INSURED** of this endorsement; or
- attachment of an additional insured endorsement to this **Coverage Part**.

This **PERSONAL AND ADVERTISING INJURY –DISCRIMINATION OR HUMILIATION** Provision does not apply to any person or organization who otherwise qualifies as an additional insured on this **Coverage Part.**

**21. PERSONAL AND ADVERTISING INJURY - CONTRACTUAL LIABILITY**

**A.** Under **COVERAGES**, **Coverage B –Personal and Advertising Injury Liability**, the paragraph entitled **Exclusions** is amended to delete the exclusion entitled **Contractual Liability**.

**B.** Solely for the purpose of the coverage provided by this **PERSONAL AND ADVERTISING INJURY - CONTRACTUAL LIABILITY** provision, the following changes are made to the section entitled **SUPPLEMENTARY PAYMENTS – COVERAGES A AND B:**

**1.** Paragraph **2.d.** is replaced by the following:

**d.** The allegations in the **suit** and the information the Insurer knows about the offense alleged in such **suit** are such that no conflict appears to exist between the interests of the **Insured** and the interests of the indemnitee;

**2.** The first unnumbered paragraph beneath Paragraph **2.f.(2)(b)** is deleted and replaced by the following:

So long as the above conditions are met, attorneys fees incurred by the Insurer in the defense of that indemnitee, necessary litigation expenses incurred by the Insurer, and necessary litigation expenses incurred by the indemnitee at the Insurer's request will be paid as **defense costs**. Such payments will not be deemed to be **damages** for **personal and advertising injury** and will not reduce the limits of insurance.

**C.** This **PERSONAL AND ADVERTISING INJURY - CONTRACTUAL LIABILITY** Provision does not apply if **Coverage B –Personal and Advertising Injury Liability** is excluded by another endorsement attached to this **Coverage Part**.

This **PERSONAL AND ADVERTISING INJURY - CONTRACTUAL LIABILITY** Provision does not apply to any person or organization who otherwise qualifies as an additional insured on this **Coverage Part**.

**22. PROPERTY DAMAGE – ELEVATORS**

**A.** Under **COVERAGES**, **Coverage A – Bodily Injury and Property Damage Liability**, the paragraph entitled **Exclusions** is amended such that the **Damage to Your Product** Exclusion and subparagraphs **(3)**, **(4)** and **(6)** of the **Damage to Property** Exclusion do not apply to **property damage** that results from the use of elevators.

**B.** Solely for the purpose of the coverage provided by this **PROPERTY DAMAGE – ELEVATORS** Provision, the **Other Insurance** conditions is amended to add the following paragraph:

This insurance is excess over any of the other insurance, whether primary, excess, contingent or on any other basis that is Property insurance covering property of others damaged from the use of elevators.

**23. SUPPLEMENTARY PAYMENTS**

The section entitled **SUPPLEMENTARY PAYMENTS – COVERAGES A AND B** is amended as follows:

**A.** Paragraph **1.b.** is amended to delete the $250 limit shown for the cost of bail bonds and replace it with a $5,000. limit; and

**B.** Paragraph **1.d.** is amended to delete the limit of $250 shown for daily loss of earnings and replace it with a $1,000. limit.



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**24. UNINTENTIONAL FAILURE TO DISCLOSE HAZARDS**

If the **Named Insured** unintentionally fails to disclose all existing hazards at the inception date of the **Named Insured's Coverage Part**, the Insurer will not deny coverage under this **Coverage Part** because of such failure.

**25. WAIVER OF SUBROGATION - BLANKET**

Under **CONDITIONS**, the condition entitled **Transfer Of Rights Of Recovery Against Others To Us** is amended to add the following:

The Insurer waives any right of recovery the Insurer may have against any person or organization because of payments the Insurer makes for injury or damage arising out of:

1. the **Named Insured's** ongoing operations; or
2. **your work** included in the **products-completed operations hazard.**

However, this waiver applies only when the **Named Insured** has agreed in writing to waive such rights of recovery in a written contract or written agreement, and only if such contract or agreement:

1. is in effect or becomes effective during the term of this **Coverage Part**; and
2. was executed prior to the **bodily injury**, **property damage** or **personal and advertising injury** giving rise to the **claim**.

**26. WRAP-UP EXTENSION: OCIP, CCIP, OR CONSOLIDATED (WRAP-UP) INSURANCE PROGRAMS**

**Note:** The following provision does not apply to any public construction project in the state of Oklahoma, nor to any construction project in the state of Alaska, that is not permitted to be insured under a **consolidated (wrap-up) insurance program** by applicable state statute or regulation.

If the endorsement **EXCLUSION – CONSTRUCTION WRAP-UP** is attached to this policy, or another exclusionary endorsement pertaining to Owner Controlled Insurance Programs (O.C.I.P.) or Contractor Controlled Insurance Programs (C.C.I.P.) is attached, then the following changes apply:

**A.** The following wording is added to the above-referenced endorsement:

With respect to a **consolidated (wrap-up) insurance program** project in which the **Named Insured** is or was involved, this exclusion does not apply to those sums the **Named Insured** become legally obligated to pay as **damages** because of:

1. **Bodily injury**, **property damage**, or **personal or advertising injury** that occurs during the **Named Insured's** ongoing operations at the project, or during such operations of anyone acting on the **Named Insured's** behalf; nor
2. **Bodily injury** or **property damage** included within the **products-completed operations hazard** that arises out of those portions of the project that are not **residential structures**.

**B.** Condition **4. Other Insurance** is amended to add the following subparagraph **4.b.(1)(c)**:

This insurance is excess over:

**(c)** Any of the other insurance whether primary, excess, contingent or any other basis that is insurance available to the **Named Insured** as a result of the **Named Insured** being a participant in a **consolidated (wrap-up) insurance program**, but only as respects the **Named Insured's** involvement in that **consolidated (wrap-up) insurance program**.

**C. DEFINITIONS** is amended to add the following definitions:

**Consolidated (wrap-up) insurance program** means a construction, erection or demolition project for which the prime contractor/project manager or owner of the construction project has secured general liability insurance covering some or all of the contractors or subcontractors involved in the project, such as an Owner Controlled Insurance Program (O.C.I.P.) or Contractor Controlled Insurance Program (C.C.I.P.).

**Residential structure** means any structure where 30% or more of the square foot area is used or is intended to be used for human residency, including but not limited to:



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1. single or multifamily housing, apartments, condominiums, townhouses, co-operatives or planned unit developments; and
2. the common areas and structures appurtenant to the structures in paragraph **1.** (including pools, hot tubs, detached garages, guest houses or any similar structures).

However, when there is no individual ownership of units, **residential structure** does not include military housing, college/university housing or dormitories, long term care facilities, hotels or motels. **Residential structure** also does not include hospitals or prisons.

This **WRAP-UP EXTENSION: OCIP, CCIP, OR CONSOLIDATED (WRAP-UP) INSURANCE PROGRAMS** Provision does not apply to any person or organization who otherwise qualifies as an additional insured on this **Coverage Part**.

All other terms and conditions of the Policy remain unchanged.

This endorsement, which forms a part of and is for attachment to the Policy issued by the designated Insurers, takes effect on the effective date of said Policy at the hour stated in said Policy, unless another effective date is shown below, and expires concurrently with said Policy.



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## WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Any Person or Organization on whose behalf you are required to obtain this waiver of our right to recover from under a written contract or agreement.

The premium charge for the endorsement is reflected in the Schedule of Operations.

All other terms and conditions of the policy remain unchanged.

This endorsement, which forms a part of and is for attachment to the policy issued by the designated Insurers, takes effect on the Policy Effective date of said policy at the hour stated in said policy, unless another effective date (the Endorsement Effective Date) is shown below, and expires concurrently with said policy unless another expiration date is shown below.



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**THIS CONTRACT** is entered into as of the day and year first above written.

**CITY:**

**CITY OF CREST HILL,**

**WILL COUNTY, ILLINOIS**

**BY:**_____

**ITS:**_____
MAYOR

**DATE:**_____

**CONTRACTOR:**

**P.T. Ferro Construction Co.**

**BY:**_____

**ITS:**_____

**DATE:**_____

**ATTEST:**

**BY:**_____

**ITS:**_____

**DATE:**_____

**ADDENDUM NO. 1**

**April 8, 2026**

**Oakland Ave Watermain**

**CITY OF CREST HILL**

**Engineering Department**

**20600 City Center Blvd**

**WILL COUNTY, ILLINOIS**

**PROPOSAL DUE DATE: 10:00 AM, April 16, 2026**

This addendum forms a part of the Contract Documents and amends the original documents and the Plans and Special Provisions. Where any part of the contract documents is amended, the unaltered provisions are to remain in effect.
**This is the only notice you receive, with no follow up by mail.**

**Updates to the Contract Specifications**

1. **The City will be using DCEO funding in the amount of $249,998.00 for the Oakland Watermain project. The funding requirements will not require a BEP goal. Even though a BEP goal is not required for this improvement the Contractor bidding on this improvement is encouraged to use MBE and WBE firms as sources of supplies, equipment and services. The attached DCEO BEP Utilization Plan shall be filled out and submitted with your bid.**
2. **Per the new laws that came into effect January 1, 2026 Illinois Plumbing License Law (255 ILCS 320) and Illinois Plumbing Code (Title 77Ill, Adm. Code Part 890). All water services and sanitary laterals must be locatable. Any repairs to or installation of water services or sanitary services must be completed by a licensed plumber. This work shall be inspected by a licensed plumber. The contractor must provide logs of all license plumbers on staff as well as provide all dates, locations and inspections logs of the services that have been installed or repaired.**

**The method for locating sanitary services will be the sonde method and for water services install a magnetic locating tape with the pipe when installed. All this shall be included in the unit prices or the appropriate item, and no additional compensation will be provided for this work.**

**I acknowledge the receipt of this addendum by signing the acknowledgement. This addendum needs to be signed and included with bid. Failure to properly acknowledge this addendum as noted above may result in disqualification of the associated bid.**

End of Addendum No. 1

I acknowledge the receipt of Addendum No. 1 for the referenced project:
Signed:

Name _____ Alex Crain - Estimator

Name of
Company P.T. Ferro Construction Co.

Ronald J Wiedeman, P.E.
Director of Engineering
City of Crest Hill
815.741.5122
rwiedeman@cityofcresthill.com

**HOW TO LOCATE CERTIFIED BEP VENDORS FOR YOUR DCEO GRANT PROJECT**

- Visit https://supplierdiversitymanagementportal.illinois.gov/VendorDirectory.aspx
- Click in the "NIGP Codes" box and type in a keyword description of the kind of work you are looking to hire. One or more codes with short descriptions of work will appear. "Add" the codes that match the work you are looking for.
    - For instance, if your grant project requires excavation, you can type "excavation" in the search box, and Code 91244 "Excavation Services" will appear. Click Add, and your search will be narrowed to BEP certified businesses who perform excavation.
- Click in the fourth box "Certification Type" and select Minority Business Enterprise (MBE), Persons with Disability Business Enterprise (PBE), Women Business Enterprise (WBE), and Women/Minority Business Enterprise (WMBE). These are the business enterprise categories that qualify for BEP.
- Scroll down to the "Location" section. Here you will use the "Distance Search" of Zip Code. Input the zip code in which the project is taking place, and then from the drop-down menu select a distance to search. We recommend within 50 miles.
    - If you are doing a distance search, it is very important that you not fill out any other part of the location information. If you input a city, the search will default to only business enterprises located within the city. This will greatly restrict your vendor search.
- Scroll down to the "I'm not a robot" box and click it. You may have to do a picture test. Once that is complete, click the green "Search" button.
    - A list of BEP vendors, certified as Minority Business Enterprise (MBE), Persons with Disabilities Business Enterprise (PBE), Women Business Enterprise (WBE), and/or Women/Minority Business Enterprise (WMBE) matched to the Commodity Codes you added, and within the distance parameter, will appear.
    - You can then click on the business' name and get details on the business including contact information for soliciting bids.
- If you want to do a general search of all BEP certified vendors in your area, regardless of work performed, just skip adding NIGP Codes and search only by location: city or distance from zip code.
    - A list of businesses will appear, and you can click on the business' name for details on that business including contact information and the work it performs (classified by the NIGP code).
- You can also use the "Business Name/DBA" box to search specific businesses in your area to determine if they are state certified BEP.

DCEO Project # HD260313

## DCEO BEP UTILIZATION PLAN

***Minority, Female, Persons with Disability Status and Subcontracting***

The Business Enterprise for Minorities, Women, and Persons with Disabilities Act (30 ILCS 575/0.01 *et seq.*) requires certain DCEO grants include goals for contracting with businesses that have been certified as Minority-owned Business Enterprises (MBE), Women-owned Business Enterprises (WBE), Women/Minority Business Enterprise (WMBE) and/or Persons with disabilities-owned Business Enterprises (PBE) ("BEP vendors" collectively).

**Goal to be achieved by the Grantee:** This utilization plan includes a total Business Enterprise Program ("BEP") utilization goal of 0.00 %. The goal is based on the availability of certified vendors to perform the anticipated work opportunities providing for in the grant.

**Grantee Assurance:** The Grantee shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of this plan. Failure by the Grantee to carry out these requirements is a material breach of this plan, which may result in the termination of the Grant Agreement or such other remedy, as the Agency/ Grantor deems appropriate. This assurance must be included in each contract that the Grantee signs with a contractor, subcontractor, or supplier.

**Calculating Certified Vendor Participation:** This utilization plan must include work anticipated to be performed by all certified vendors and paid for with grant funds upon satisfactory completion. Only the value of payments made for the work performed by certified vendors is counted toward the plan goal. Counting guidelines are summarized below:

1) The amount of grant dollars paid to certified vendor shall be counted towards the BEP goal. The payments shall be for the performance of work approved in the Grant Agreement.

2) A joint venture shall count towards the BEP goal the portion of grant dollars paid to the certified vendor equal to the distinct, clearly defined portion of the work performed by the certified vendor and approved in the grant agreement. A joint venture shall also count grant dollars subcontracted to other certified vendors. Work performed by a non-certified joint venture partner shall not be counted toward the goal.

3) When a certified vendor subcontracts part of the work to another firm, the grant dollars paid for the subcontracted work shall be counted toward the BEP goal only if it is work approved included in the Grant Agreement and the certified vendor 's subcontractor is also a certified vendor. Work that a certified vendor subcontracts to a non-certified vendor will not count towards the BEP goal.

4) A Grantee shall also count towards the BEP goal the amount of grant dollars paid for materials and supplies required under the Grant Agreement and obtained from a certified vendor manufacturer, regular dealer, or supplier except for materials and supplies purchased or rented from the Grantee.

5) A Grantee shall also count towards the BEP goal the following expenditures to certified vendor that are not manufacturers, regular dealers, or suppliers:

   a. The fees or commissions charged for providing a bona fide service, such as professional, technical, consultant, or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials, or supplies required under the Grant Agreement, provided that the fee or commission is determined by the Department of Commerce & Economic Opportunity ("DCEO") to be reasonable and not excessive as compared with fees customarily allowed for similar services.

   b. The fees charged for delivery of materials and supplies required under the Grant Agreement (but not the cost of the materials and supplies themselves) when the hauler, trucker, or delivery service is not also the manufacturer or a regular dealer in the materials and supplies, provided that the fee is determined by DCEO to be reasonable and not excessive as compared with fees customarily allowed for similar services. The certified vendor trucking firm must be responsible for the management and supervision of the entire trucking operation for which it is responsible and must itself own and operate at least one fully licensed, insured, and operational truck used on the project.

   c. The fees or commissions charged for providing any bonds or insurance specifically required under the Grant Agreement, provided that the fee or commission is determined by DCEO to be reasonable and not excessive as compared with fees customarily allowed for similar services.

6) A Grantee shall count towards the BEP goal only expenditures to firms that perform a commercially useful function in the work of the Grant Agreement.

   a. A firm is considered to perform a commercially useful function when it is responsible for the execution of a distinct element of the work under the Grant Agreement and carries out its responsibilities by performing, managing, and supervising the work involved. The certified vendor must also be responsible, with respect to materials or supplies used on the project, for negotiating price, determining quality and quantity, ordering the materials or supplies, and installing the materials (where applicable) and paying for the materials or supplies. To determine whether a firm is performing a commercially useful function, DCEO shall evaluate the amount of work subcontracted, whether the amount the firm is to be paid under this utilization plan is commensurate with the work it is performing, and the credit claimed for its performance of the work, industry practices, and other relevant factors.

   b. A certified vendor does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction through which funds are passed in order to obtain certified vendor participation. In determining whether a certified vendor is such an extra participant, DCEO shall examine similar transactions, particularly those in which the certified vendors do not participate, and industry practices.

7) A Grantee shall not count towards the BEP goal expenditures that are not direct, necessary, and proximately included in this utilization plan. Ineligible expenditures include general office overhead or other Grantee support activities.

DCEO Project # HD260313

_____ (the Grantee) submits the following BEP Utilization Plan as part of our proposal in accordance with the requirements of the BEP Act. We understand that compliance with the BEP Act is required as part of this plan.

_____ (the Grantee) makes the following assurances and agrees to include the assurance in each contract with a contractor, subcontractor, or supplier utilized on this plan: we shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of this plan. Failure to carry out these requirements is a material breach of this plan, which may result in the termination of this plan or such other remedy, as the Agency/ Grantor deems appropriate.

Grantee's person responsible for compliance

| | |
|---|---|
| Name: | Ronald J Wiedeman |
| Title: | City Engineer |
| Telephone: | 815-741-5122 |
| E-mail: | rwiedeman@cityofcresthill.com |

We submit one (1) of the following statements:

[X] We attach Section I to demonstrate our Plan fully meets the BEP utilization goal of 0 % through subcontracting.

[ ] We attest our Utilization Plan does not fully meet the BEP utilization goal. We request the DCEO Good Faith Effort documentation guidelines and will submit all required forms and supporting documents requested by DCEO and the Commission on Equity and Inclusion's (CEI) Good Faith Effort Committee.

_____ _____

Grantee Authorized Signature Date

Raymond R Soliman, Mayor

Grantee Authorized Name and Title

# ADDENDUM NO. 2

**April 10, 2026**

**Oakland Ave Watermain**

**CITY OF CREST HILL**

**Engineering Department**

**20600 City Center Blvd**

**WILL COUNTY, ILLINOIS**

**PROPOSAL DUE DATE: 10:00 AM, April 16, 2026**

This addendum forms a part of the Contract Documents and amends the original documents and the Plans and Special Provisions. Where any part of the contract documents is amended, the unaltered provisions are to remain in effect.
**This is the only notice you receive, with no follow up by mail.**

**Updates to the Contract Specifications**

1. **The City would like to make sure you will comply with Illinois Works Jobs Program Act (30 ILCS 559/Art. 20).**

   I will comply YES X NO _____
   Signed:

   Name ALEX CRAIN PM Date 04/13/2026

2. **We would also like to clarify that Oakland project will be funded with City and state (DCEO) funds.**

**I acknowledge the receipt of this addendum by signing the acknowledgement. This addendum needs to be signed and included with bid. Failure to properly acknowledge this addendum as noted above may result in disqualification of the associated bid.**

End of Addendum No. 2

I acknowledge the receipt of Addendum No. 2 for the referenced project:
Signed:

Name ALEX CRAIN, PROJECT MANAGER

Name of Company P.T. Ferro Construction Co.

Ronald J Wiedeman, P.E.
Director of Engineering
City of Crest Hill
815.741.5122
rwiedeman@cityofcresthill.com

## HOW TO LOCATE CERTIFIED BEP VENDORS FOR YOUR DCEO GRANT PROJECT

- Visit https://supplierdiversitymanagementportal.illinois.gov/VendorDirectory.aspx

- Click in the "NIGP Codes" box and type in a keyword description of the kind of work you are looking to hire. One or more codes with short descriptions of work will appear. "Add" the codes that match the work you are looking for.

    - For instance, if your grant project requires excavation, you can type "excavation" in the search box, and Code 91244 "Excavation Services" will appear. Click Add, and your search will be narrowed to BEP certified businesses who perform excavation.

- Click in the fourth box "Certification Type" and select Minority Business Enterprise (MBE), Persons with Disability Business Enterprise (PBE), Women Business Enterprise (WBE), and Women/Minority Business Enterprise (WMBE). These are the business enterprise categories that qualify for BEP.

- Scroll down to the "Location" section. Here you will use the "Distance Search" of Zip Code. Input the zip code in which the project is taking place, and then from the drop-down menu select a distance to search. We recommend within 50 miles.

    - If you are doing a distance search, it is very important that you not fill out any other part of the location information. If you input a city, the search will default to only business enterprises located within the city. This will greatly restrict your vendor search.

- Scroll down to the "I'm not a robot" box and click it. You may have to do a picture test. Once that is complete, click the green "Search" button.

    - A list of BEP vendors, certified as Minority Business Enterprise (MBE), Persons with Disabilities Business Enterprise (PBE), Women Business Enterprise (WBE), and/or Women/Minority Business Enterprise (WMBE) matched to the Commodity Codes you added, and within the distance parameter, will appear.

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- If you want to do a general search of all BEP certified vendors in your area, regardless of work performed, just skip adding NIGP Codes and search only by location: city or distance from zip code.

    - A list of businesses will appear, and you can click on the business' name for details on that business including contact information and the work it performs (classified by the NIGP code).

- You can also use the "Business Name/DBA" box to search specific businesses in your area to determine if they are state certified BEP.

DCEO Project #

# DCEO BEP UTILIZATION PLAN

***Minority, Female, Persons with Disability Status and Subcontracting***

The Business Enterprise for Minorities, Women, and Persons with Disabilities Act (30 ILCS 575/0.01 *et seq.*) requires certain DCEO grants include goals for contracting with businesses that have been certified as Minority-owned Business Enterprises (MBE), Women-owned Business Enterprises (WBE), Women/Minority Business Enterprise (WMBE) and/or Persons with disabilities-owned Business Enterprises (PBE) ("BEP vendors" collectively).

**Goal to be achieved by the Grantee**: This utilization plan includes a total Business Enterprise Program ("BEP") utilization goal of 0.00 **%.** The goal is based on the availability of certified vendors to perform the anticipated work opportunities providing for in the grant.

**Grantee Assurance:** The Grantee shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of this plan. Failure by the Grantee to carry out these requirements is a material breach of this plan, which may result in the termination of the Grant Agreement or such other remedy, as the Agency/ Grantor deems appropriate. This assurance must be included in each contract that the Grantee signs with a contractor, subcontractor, or supplier.

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5) A Grantee shall also count towards the BEP goal the following expenditures to certified vendor that are not manufacturers, regular dealers, or suppliers:

   a. The fees or commissions charged for providing a bona fide service, such as professional, technical, consultant, or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials, or supplies required under the Grant Agreement, provided that the fee or commission is determined by the Department of Commerce & Economic Opportunity ("DCEO") to be reasonable and not excessive as compared with fees customarily allowed for similar services.

   b. The fees charged for delivery of materials and supplies required under the Grant Agreement (but not the cost of the materials and supplies themselves) when the hauler, trucker, or delivery service is not also the manufacturer or a regular dealer in the materials and supplies, provided that the fee is determined by DCEO to be reasonable and not excessive as compared with fees customarily allowed for similar services. The certified vendor trucking firm must be responsible for the management and supervision of the entire trucking operation for which it is responsible and must itself own and operate at least one fully licensed, insured, and operational truck used on the project.

   c. The fees or commissions charged for providing any bonds or insurance specifically required under the Grant Agreement, provided that the fee or commission is determined by DCEO to be reasonable and not excessive as compared with fees customarily allowed for similar services.

6) A Grantee shall count towards the BEP goal only expenditures to firms that perform a commercially useful function in the work of the Grant Agreement.

   a. A firm is considered to perform a commercially useful function when it is responsible for the execution of a distinct element of the work under the Grant Agreement and carries out its responsibilities by performing, managing, and supervising the work involved. The certified vendor must also be responsible, with respect to materials or supplies used on the project, for negotiating price, determining quality and quantity, ordering the materials or supplies, and installing the materials (where applicable) and paying for the materials or supplies. To determine whether a firm is performing a commercially useful function, DCEO shall evaluate the amount of work subcontracted, whether the amount the firm is to be paid under this utilization plan is commensurate with the work it is performing, and the credit claimed for its performance of the work, industry practices, and other relevant factors.

   b. A certified vendor does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction through which funds are passed in order to obtain certified vendor participation. In determining whether a certified vendor is such an extra participant, DCEO shall examine similar transactions, particularly those in which the certified vendors do not participate, and industry practices.

7) A Grantee shall not count towards the BEP goal expenditures that are not direct, necessary, and proximately included in this utilization plan. Ineligible expenditures include general office overhead or other Grantee support activities.

DCEO Project #

_____ (the Grantee) submits the following BEP Utilization Plan as part of our proposal in accordance with the requirements of the BEP Act. We understand that compliance with the BEP Act is required as part of this plan.

_____(the Grantee) makes the following assurances and agrees to include the assurance in each contract with a contractor, subcontractor, or supplier utilized on this plan: we shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of this plan. Failure to carry out these requirements is a material breach of this plan, which may result in the termination of this plan or such other remedy, as the Agency/ Grantor deems appropriate.

Grantee's person responsible for compliance

| | |
|---|---|
| Name: | Ronald J Wiedeman |
| Title: | City Engineer |
| Telephone: | 815 741 5122 |
| E-mail: | rwiedeman@cityofcresthill.com |

We submit one (1) of the following statements:

☐ We attach Section I to demonstrate our Plan fully meets the BEP utilization goal of _____% through subcontracting.

☐ We attest our Utilization Plan does not fully meet the BEP utilization goal. We request the DCEO Good Faith Effort documentation guidelines and will submit all required forms and supporting documents requested by DCEO and the Commission on Equity and Inclusion's (CEI) Good Faith Effort Committee.

_____ _____

Grantee Authorized Signature Date

Raymond R Soliman, Mayor

Grantee Authorized Name and Title

DCEO Project #

Section I
Utilization of Certified Vendors
(Please submit a separate form for ***each*** proposed certified vendor)

To achieve the BEP utilization goal through contracting, the following is proposed:

1) The proposed certified vendor's:
   Company Name: _____
   Address: _____
   Phone: _____ FEIN # _____

At the time of submission, the above vendor is:

☐ Certified with the Commission on Equity and Inclusion (CEI) as MBE/WBE/WMBE/PBE.

☐ Meets the criteria and has applied for certification with CEI. Application # _____

2) A detailed description of the commercially useful work to be done by this certified vendor is as follows:
_____
_____
_____
_____

3) This DCEO Grant amount is $ 249,998. The portion of the grant which will be contracted/subcontracted to this certified vendor is $ _____.

4) A joint venture agreement is not required, as the arrangement between _____ and _____ is that of contractor/ sub-contractor and not a joint venture.

5) The Grantee has not prohibited or otherwise limited _____ (certified vendor) from providing contractor/ sub-contractor quotes to other potential bidders/ Grantees.

DCEO Project #

Utilization of Certified Vendors
(Please submit a separate form for ***each*** proposed certified vendor)

To achieve the BEP utilization goal through contracting, the following is proposed:

1) The proposed certified vendor's:
   Company Name: _____
   Address: _____
   Phone: _____ FEIN # _____

At the time of submission, the above vendor is:

☐ Certified with the Commission on Equity and Inclusion (CEI) as MBE/WBE/WMBE/PBE.

☐ Meets the criteria and has applied for certification with CEI. Application # _____

2) A detailed description of the commercially useful work to be done by this certified vendor is as follows:
_____
_____
_____
_____

3) This DCEO Grant amount is $ 249,998. The portion of the grant which will be contracted/subcontracted to this certified vendor is $ _____.

4) A joint venture agreement is not required, as the arrangement between _____ and _____is that of contractor/ sub-contractor and not a joint venture.

5) The Grantee has not prohibited or otherwise limited _____ (certified vendor) from providing contractor/ sub-contractor quotes to other potential bidders/ Grantees.

DCEO Project #

Utilization of Certified Vendors
(Please submit a separate form for ***each*** proposed certified vendor)

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1) The proposed certified vendor's:
   Company Name: _____
   Address: _____
   Phone: _____ FEIN # _____

At the time of submission, the above vendor is:

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☐ Meets the criteria and has applied for certification with CEI. Application # _____

2) A detailed description of the commercially useful work to be done by this certified vendor is as follows:
   _____
   _____
   _____
   _____

3) This DCEO Grant amount is $ 249,998. The portion of the grant which will be contracted/subcontracted to this certified vendor is $ _____.

4) A joint venture agreement is not required, as the arrangement between _____ and _____ is that of contractor/ sub-contractor and not a joint venture.

5) The Grantee has not prohibited or otherwise limited _____ (certified vendor) from providing contractor/ sub-contractor quotes to other potential bidders/ Grantees.

Project 2026

# CREST HILL
# WILL COUNTY, ILLINOIS
# NOTICE TO CONTRACTORS

The City of Crest Hill's Engineering Department will receive sealed proposals for the following improvements at the City Hall, 20600 City Center Blvd, Crest Hill, Illinois 60403, until 10:00 AM on April 16, 2026.

**OAKLAND AVENUE WATER MAIN IMPROVEMENT PROJECT**

Sealed proposals will be opened and read publicly at City Hall at 20600 City Center Blvd, Crest Hill, IL 60403 in the Council Chambers at 10:00 AM CST on April 16, 2026.

No bid shall be withdrawn after the opening of the proposals without the consent of Engineering Department or the Mayor and City Council for a period of forty-five days after the scheduled time of closing bids.

All proposals shall be sealed in an envelope, addressed to the City of Crest Hill, attention Engineering Department. The name and address of the bidder and the name of the project shall also appear on the outside of the envelope. Proposals must be submitted on the forms provided.

The Contract Documents may be obtained without charge from V3 Companies by sending an email request to Jason Holy at jholy@v3co.com

The Bid Documents, including plans and specifications may be obtained from V3 Companies by emailing Jason Holy at jholy@v3co.com or calling 630-254-1522 and requesting a digital set. The Bid Documents will only be transmitted electronically.

A certified check/bank draft drawn on a solvent bank, payable without condition to the City or bid bond in an amount not less than 10% shall be submitted with each proposal, as a guarantee that, if the proposal is accepted, a contract will be entered into, and the performance of the contract is properly secured.

A performance and payment bond in a sum equal to 100% of the amount authorized with sureties to be approved by the Mayor and City Council for the faithful performance of the contract must be furnished by the successful bidder. All bids or proposals shall contain an offer to furnish bond upon acceptance of such bid or proposal.

The right is reserved to reject any or all proposals, to waive technicalities, to postpone the bid opening, or to advertise for new proposals, if in the judgment of the Engineering Department or Mayor and City Council their best interests will be promoted thereby.

The contractor will be required to pay not less than the prevailing wage rates on this project as established by the Illinois Department of Labor. He shall also comply with all applicable Federal, State and local regulations.

Prequalification will be required to be submitted to the engineer by all potential bidders. If in the opinion of the City Engineer and the Mayor and City Council, an applicant would not be able to serve the best interest of the city, a proposal will not be issued to the applicant.

City of Crest Hill Engineer
Department

# INSTRUCTIONS TO BIDDERS

## GENERAL

Proposals will be received by the City of Crest Hill's Engineering Department, for the construction of,

OAKLAND AVENUE WATER MAIN IMPROVEMENT PROJECT

In accordance with the legal advertisement attached hereto entitled "Notice to Contractors".

The Notice to Contractors, Instructions to Bidders, Contractor's Proposal, Certificate as to Corporate Principal, Certified Check/Bid Bond, Specifications, Plans, Contract, the Performance Bond and the Maintenance Bond, shall be considered in every bid submitted and will become a part of every contract subsequently entered into for doing the work referred to herein.

## EXAMINATION OF PLANS, SPECIFICATIONS AND SITE OF WORK

See Division 100, General Requirements and Covenants, Section 2, 2-3

## PRE-QUALIFICATION

Proposers must be experienced in the construction of the type of facilities to be constructed under the contract for which a proposal is submitted. Which for the improvement is water main installation, pavement restoration and finishing.

## DOCUMENTS OBTAINED FROM OTHER SOURCES

The Bid Documents, including plans and specifications may be obtained from V3 Companies by emailing Jason Holy at jholy@v3co.com or calling 630-254-1522 and requesting a digital set.

## PROPOSALS

Proposals are solicited on the basis of a unit price bid for the work completed. They shall be made on the printed forms herewith attached. The blank spaces must be filled in correctly where indicated. The amount of the proposal must include all work necessary to make the project ready for operation, as shown on the plans and called for in the specifications. The proposal shall be for the work complete.

In the event of any difference or discrepancy in any amount or amounts which is set out both in words and in figures, in any of the contract documents or in the formal proposal of the Contractor, the written word or words shall not be construed to either limit or destroy the legal status of a unit price Contract.

Proposals that contain any omissions, erasures, or alterations or that contain additions or items not called for in the Contract Specifications and Plans, or that are deemed by the City of Crest Hill to contain irregularities of any kind may be rejected as informal.

No proposals will be accepted unless the bidder submitting it furnishes evidence satisfactory to the City of Crest Hill of his experience and familiarity with work of the character specified and of the legal status of the bidder, that is, as a corporation, partnership, or an individual which must be stated

in the proposal. A corporation bidder must name the state in which its articles of incorporation are held. A partnership proposer must give the full name and address of all partners. When a firm submits a proposal, the individual names of all its members shall be written and shall be signed in full but the signers may, if they choose, describe themselves, in addition as doing business under a firm name and style.

In cases where a corporation submits a proposal, the proposal must be signed in the name of and under the seal of the corporation by a duly authorized officer or agent of the corporation and his address given. Such officer or agent must present legal evidence that he or she has lawful authority to sign said proposal and that the signature is binding upon the corporation and that the corporation has a legal existence. In the event that any corporation organized and doing business under the laws of any foreign state, is the successful proposer, such corporation shall present evidence before a contract of said work is executed that it is authorized to do business in the State of Illinois.

Decisions on the acceptance or rejection of the various proposals will be made as soon as practicable after proposals are received, but the right is reserved by the City of Crest Hill to reject any or all proposals and to defer action on awarding a contract for sixty (60) days after proposals are received and opened.

THE PROPOSAL MUST NOT BE DETACHED HEREFROM OR FROM THE CONTRACT BY ANY PROPOSER WHEN SUBMITTING A PROPOSAL.

## SOURCE AND NATURE OF FUNDS AVAILABLE

The payment for the proposed improvement referred to herein shall be made by the City of Crest Hill only after it has received a properly executed claim and approved pay estimate.

## MATERIAL GUARANTEE

Before any proposal is awarded, the proposer may be required to furnish a complete statement of the original composition and manufacturer of any or all the materials to be used in the construction of the work along with any required samples. These samples will be subjected to the requirements spelled out in the contract documents to determine their quality and if the samples meet the requirements as specified. When the Contractor orders materials which will be subject to the tests as required by the contract documents, he shall state clearly to the Vendor that the material ordered is subject to such tests and the samples will not be used for the completion of work under this contract.

## CONSIDERATION OF PROPOSALS/PROPOSAL

See Division 100, General Requirements and Covenants, Section 2, and Section 3, 3-1

## BASIS OF AWARD

The award of the proposal will be made based on the summation of unit prices multiplied by the number of units for the entire improvement unless otherwise specified in the project special provisions. The contract for the construction of the work will be awarded based on the lowest total monetary Proposal Price for the entire improvement unless otherwise specified in the project special provisions, submitted by a qualified and responsible proposer. See Division 100, Section 3-2 for additional information.

In determining the most responsive and responsible proposer, , the City reserves the right to take into account and give responsible weight to the items listed in Division 100, Section 2-13.

No proposal will be awarded to any proposer whose work and/or equipment and materials as proposed do not, in the opinion of, the City, conform to the intent of the specifications.

The City reserves the right to award in part or in whole, or to not award whatever is deemed in the best interest of the Municipality. The city of Crest Hill further reserves the right to reject any or all bids.

See Division 100, General Requirements and Covenants, Section 3, 3-2 for timing of award.

PERFORMANCE AND PAYMENT BOND

The successful Contractor shall furnish to the city within ten (10) days after the successful proposer has been notified of the acceptance of his proposal;

1. A performance bond satisfactory to the city, executed by a surety company authorized to do business in the State of Illinois, in an amount equal to 100 percent (100%) of the amount authorized or a purchased order issued by the municipality conditioned to guarantee the full and complete performance of the work, according to the terms of the specifications, plans, and contract. The performance bond shall be properly executed and signed at the time of filing of said bonds. Said bonds are to remain in full force and effect up to and including the final acceptance of the work.
2. A payment bond satisfactory to the city executed by surety company authorized to do business in the State of Illinois, for the protection of all persons supplying labor and materials to the Contractor or Subcontractors for the performance of the work provided for in the contract, in the amount 100 percent (100%) of the amount authorized or a purchased order issued by the city In no case shall the bond be in an amount less than one Thousand Dollars ($1,000).
3. Documents required by this section must be received and approved by the city before a written contract will be issued.

All bonds must be from companies having at least A-minus and of a class size of at least X as determined by A.M. Best Rating

MAINTENANCE BOND

Before the construction bond shall be released, the Contractor shall file a maintenance bond in an amount equal to ten percent (10%) of the amount the contract price prior to completion and final payment of the contract, as a guarantee that all workmanship and material furnished by the Contractor under the Contract shall be kept in satisfactory condition for a period of one (1) year, after the date of acceptance of the work by the City of Crest Hill. The surety required upon such maintenance bond shall be any surety company legally authorized to transact business in the State of Illinois. Said bond to be subject to the approval of the City of Crest Hill.

SUBCONTRACTORS

If any Bidder submitting a bid intends on subcontracting out all of any portion of the engagement, that fact, and the **name of the proposed subcontracting firm(s) must be clearly disclosed in the bid on the forms provided herein** (use additional forms if necessary).

In the event the Contractor requires a change of the subcontractor(s) identified, a written request from the Contractor and a written approval from the City of Crest Hill is required.

Notwithstanding written consent to subcontract approved by the City, the Contractor shall perform the Contractor's own organization, work amount to not be less than fifty (50%) percent of the total contract cost, and the materials purchased or produced by the Contractor.

**Failure to identify subcontractors could result in disqualification.**

SERVICEMEN'S EMPLOYEES TENURE ACT

The Contractor shall abide by the Servicemen's Employees Tenure Act, as amended, 330 ILCS 60/2, "safeguarding the employment and the rights and privileges inhering in the employment contract, of servicemen."

CHILD LABOR LAW

The Contractor shall abide by the Child Labor Law, as amended, 820 ILCS 205/1, which provides: "No minor under 16 years of age…at any time shall be employed, permitted or suffered to work in any gainful occupation…in any type of construction work within the state."

DRUG FREE WORK PLACE

The Contractor, as a party to a public contract, certifies and agrees that it will provide a drug free workplace through the Drug Free Workplace Act. A copy of this policy shall be included with the executed contract to each Municipality.

SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECT ACT

The Contractor agrees to comply with the Substance Abuse Prevention on Public Works Project Act, as amended, 620 ILCS 265/1 et Seq., and further agrees that all of its subcontractors shall comply with such Act.

PREVAILING WAGE RATES

The contractor shall follow the Prevailing Wage Act, as amended, 820 ILCS 130/0.01 et seq. on this project.

The current Prevailing Wages Rates for this project are for Will and Grundy County and they can be found at: http://www.state.il.us/agency/idol/rates/rates.HTM

NUMBER OF COPIES OF CONTRACT

See Division 100, General Requirements and Covenants Section 3-5

FAILURE TO EXECUTE CONTRACT

See Division 100, General Requirements and Covenants Section 3-6.

ESTIMATE OF QUANTITIES

The attention of all prospective proposers on the construction improvement provided for herein is also directed to the following:

An Estimate of Quantities for the proposed improvement is included herein. The Estimate of Quantities shown is believed to be substantially correct, but is not guaranteed as to correctness by either the City of Crest Hill, or by the Engineer, or by any representative of the City of Crest Hill or of the Engineer.

INSURANCE

See Division 100, General Requirements and Covenants Section 7-2.

A **Certificate of Insurance** that states **the City** has been endorsed as an "additional insured" by the Contractor's **Insurance carrier. Specifically, this Certificate must include the following language: "The (municipality's name inserted). And their respective elected and appointed officials, employees, agents, consultants, attorneys and representatives, are, and have been endorsed, as an additional insured under the above referenced policy number_____ on a primary and non-contributory basis for general liability insurance and automobile liability coverage for the duration of the contract term."**

**In the event the Contractor fails to obtain or maintain any insurance coverages required under this agreement each municipality may purchase such insurance coverages and charge the expense thereof to the Contractor.**

CHANGE IN STATUS

The Contractor shall notify the city immediately of any change in its status resulting from any of the following: (a) Contractor is acquired by another party; (b) change of greater than 5% ownership interest; (c) Contractor becomes insolvent; (d) Contractor, voluntarily or by operation law, becomes subject to the provisions of any chapter of the Bankruptcy Act; (e) Contractor ceases to conduct its operations in the normal course of business. The city shall have the option to terminate this agreement with the Contractor immediately on written notice based on any such change in status.

INVOICES, PAYMENTS, AND QUANTITIES

The Contractor shall submit invoices the city or their authorized representative detailing the services provided directly to the City. All services shall be invoiced based on unit pricing and quantities used. The City shall only pay for quantities used or ordered. Quantities may be adjusted up or down based on the needs of the City. Payment shall be made in accordance with the Local Government Prompt Payment Act.

Invoices shall be delivered to:

**City of Crest Hill**
Ronald J Wiedeman
City Engineer
2090 Oakland Avenue
Crest Hill Illinois 60403

AUDIT/ACCESS TO RECORDS

A. The Contractor shall maintain books, records, documents and other evidence directly pertinent to performance of the work under this agreement consistent with generally accepted accounting standards in accordance with the American Institute of Certified Public

Accountants Professional Standards. The Contractor shall also maintain the financial information and data used by the contractor in the preparation or support of any cost submissions required under this subsection, (Negotiation, of Contract Amendments, Change Orders) and a copy of the cost summary submitted to the Municipality. The Municipality or any of its duly authorized representatives shall have access to the books, records, documents, and other evidence for purposes of inspection, audit, and copying. The Contractor will provide facilities for such access and inspection.

B. If this contract is a formally advertised, competitively awarded, fixed price contract, the contractor agrees to include access to records as specified above. This requirement is applicable to all negotiated change orders and contract amendments in excess of $25,000, which affect the contract prices. In all other prime contracts, the contractor also agrees to include access to records as specified above in all its contracts and all tier subcontracts or change orders thereto directly related to project performance, which are in excess of $25,000.

C. Audits conducted in pursuant to this provision shall be consistent with accepted auditing standards in accordance with the American Institute of Public Accountants Professional Standards.

D. The contractor agrees to the disclosure of all information and reports resulting from access to records pursuant to the subsection above. Where the audit concerns the contractor, the auditing agency will afford the contractor an opportunity for an audit exit conference and an opportunity to comment on the pertinent portions of the draft audit report. The final audit report will include the written comments, if any, of the audited parties.\

E. Records under the subsection above shall be maintained and made available during performance of the work under this agreement and until three years from the date of final audit for the project. In addition, these records with relate to any dispute or litigation or the settlement of claims arising out of such performances, costs or items to which an audit exception has been taken, shall be maintained and made available for three years after the date of resolution of such dispute, appeal, litigation, claim or exception.

F. The right of access conferred by this clause will generally be exercised ( with respect to financial records) under:
    a. Negotiated prime contractor
    b. Negotiated change orders or contract amendments in excess of $25,000 affecting the price of any formally advertised, competitively awarded, fixed rate contract; and
    c. Subcontracts or purchase orders under any contract other than a formally advertised, competitively awarded, fixed price contract.

G. The right of access will generally not be exercised with respect to the prime contract, subcontract or purchase order awarded after effective price competition. In any event, the right of access shall be exercised under any type of contract of subcontract:
    a. With respect to records pertaining directly to contract performance, excluding any financial records of the contractor; and
    b. If there is any indication that fraud, gross abuse, or corrupt practices may be involved.

## COOPERATION WITH FOIA COMPLIANCE

Contractor acknowledges that the Freedom of Information Act may apply to public records in possession of the Contractor or a subcontractor. Contractor and all of its subcontractors shall cooperate with the municipality in its efforts to comply with the freedom of information Act. 5 ILCS 140/1 et.seq.

LICENSE

The successful contractor and all sub-contractors shall have a license to work in the City of Crest Hill.

Illinois Department of Transportation

# Local Public Agency Formal Contract Proposal

E-mail | Reset Form

## COVER SHEET

**Proposal Submitted By:**

Contractor's Name

Contractor's Address | City | State | Zip Code

STATE OF ILLINOIS

Local Public Agency: City of Crest Hill | County: Will | Section Number: N/A

Route(s) (Street/Road Name): Oakland Avenue from Theodore Street to Ludwig Avenue | Type of Funds: Local

☐ Proposal Only ☐ Proposal and Plans ☐ Proposal only, plans are separate

Submitted/Approved
**For Local Public Agency:**

**For a County and Road District Project**

Submitted/Approved

Highway Commissioner Signature & Date

Submitted/Approved

County Engineer/Superintendent of Highways Signature & Date

**For a Municipal Project**

Submitted/Approved/Passed

Signature & Date

Official Title

**Department of Transportation**

Released for bid based on limited review

Regional Engineer Signature & Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| City of Crest Hill | Will | N/A | Oakland Avenue from Theodore |

## NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of the City of Crest Hill, Public Works
Name of Office

20600 City Center Boulevard, Crest Hill, IL 60403 until 10:00 AM on 04/16/26 .
Address Time Date

Sealed proposals will be opened and read publicly at the office of City Hall 20600 City Center Blvd, Crest Hill 60403
Name of Office

at 10:00 AM on 04/16/26 .
Address Time Date

### DESCRIPTION OF WORK

Location: Oakland Avenue from Theodore Street to Ludwig Avenue

Project Length:

Proposed Improvement:
Water main and service installation; Storm sewer removal and installation; Pavement removal and restoration; Pavement resurfacing; Driveway, Sidewalk, Curb & Gutter removal and replacement; Landscape restoration

1. Plans and proposal forms will be available in the office of
Contact Jason Holy at jholy@v3co.com or by calling 630-254-1522 and requesting a digital set.

2. ☑ Prequalification

If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
   a. Local Public Agency Formal Contract Proposal (BLR 12200)
   b. Schedule of Prices (BLR 12201)
   c. Proposal Bid Bond (BLR 12230) (if applicable)
   d. Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
   e. Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| City of Crest Hill | Will | N/A | Oakland Avenue from Theodore |

## PROPOSAL

1. Proposal of _____
Contractor's Name

_____
Contractor's Address

2. The plans for the proposed work are those prepared by V3 Companies
and approved by the Department of Transportation on N/A .

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the " Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.

5. The undersigned agrees to complete the work within _____ working days or by _____ unless additional time is granted in accordance with the specifications.

6. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.

7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.

8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.

9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.

10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: City Treasurer of Crest Hill .

The amount of the check is _____ ( _____ ).

**Attach Cashier's Check or Certified Check Here**

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number N/A .

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| City of Crest Hill | Will | N/A | Oakland Avenue from Theodo |

## CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.

2. **Bid-Rigging or Bid Rotating**. The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense, or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State of Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter or record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| City of Crest Hill | Will | N/A | Oakland Avenue from Theodore |

## SIGNATURES

(If an individual)

Bidder Signature & Date

Business Address

City | State | Zip Code

(If a partnership)

Firm Name

Signature & Date

Title

Business Address

City | State | Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name

Signature & Date

Title

Business Address

City | State | Zip Code

Insert Names of Officers

President

Secretary

Treasurer

Attest:

Secretary

Illinois Department of Transportation

# Local Public Agency Proposal Bid Bond

E-mail | Reset Form

| Local Public Agency | County | Section Number |
|---|---|---|
| City of Crest Hill | Will | N/A |

WE, _____ as PRINCIPAL, and

_____ as SURETY, are held jointly, severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 10% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LPA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LPA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ (Day) of _____ (Month and Year)

**Principal**

| Company Name | Company Name |
|---|---|
| | |
| Signature & Date | Signature & Date |
| By: | By: |
| Title | Title |
| | |

(If Principal is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

**Surety**

| Name of Surety | Signature of Attorney-in-Fact Signature & Date |
|---|---|
| | By: |

STATE OF IL

COUNTY OF

I _____, a Notary Public in and for said county do hereby certify that

_____

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ (Day) day of _____ (Month and Year).

Notary Public Signature & Date

(SEAL, if required by the LPA)

Date commission expires _____

| Local Public Agency | County | Section Number |
|---|---|---|
| City of Crest Hill | Will | N/A |

## ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LPA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |

Company/Bidder Name

Signature & Date

Title

Illinois Department of Transportation

# Affidavit of Availability

For the Letting
of

Reset Form

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

## Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

| | 1 | 2 | 3 | 4 | Awards Pending | Accumulated Totals |
|---|---|---|---|---|---|---|
| Contract Number | | | | | | |
| Contract With | | | | | | |
| Estimated Completion Date | | | | | | |
| Total Contract Price | | | | | | |
| Uncompleted Dollar Value if | | | | | | $0 |
| Uncompleted Dollar Value if Firm is the Subcontractor | | | | | | $0 |
| | | | | | Total Value of All Work | $0 |

## Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

| | | | | | | |
|---|---|---|---|---|---|---|
| Earthwork | | | | | | $0 |
| Portland Cement Concrete Pa | | | | | | $0 |
| HMA Plant Mix | | | | | | $0 |
| HMA Paving | | | | | | $0 |
| Clean & Seal Cracks/Joints | | | | | | $0 |
| Aggregate Bases, Surfaces | | | | | | $0 |
| Highway, R.R., Waterway Struc. | | | | | | $0 |
| Drainage | | | | | | $0 |
| Electrical | | | | | | $0 |
| Cover and Seal Coats | | | | | | $0 |
| Concrete Construction | | | | | | $0 |
| Landscaping | | | | | | $0 |
| Fencing | | | | | | $0 |
| Guardrail | | | | | | $0 |
| Painting | | | | | | $0 |
| Signing | | | | | | $0 |
| Cold Milling, Planning, Rotomi | | | | | | $0 |
| Demolition | | | | | | $0 |
| Pavement Markings (Paint) | | | | | | $0 |
| Other Construction (List) | | | | | | $0 |
| | | | | | | $0 |
| | | | | | | $0 |
| | | | | | | $0 |
| Totals | $0 | $0 | $0 | $0 | $0 | $0 |

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

## Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

| | | | | | | |
|---|---|---|---|---|---|---|
| - | Subcontractor | | | | | |
| | Type of Work | | | | | |
| | Subcontract Price | | | | | |
| | Amount Uncompleted | | | | | |
| Add | Total Uncompleted | $0 | $0 | $0 | $0 | |

## Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature Date

Company

Address

City State Zip Code

Subscribed and sworn to before me

this _____ day of _____ , _____

_____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts

**Subcontractor Form**

| Contractor Name | Conractor Contact Information | Work Performed |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Prime Contractor: _____

**BID TAB**
**RETURN WITH BID**
**BASE BID FOR OAKLAND AVENUE**

| ITEM NO. | PAY ITEM | UNIT | TOTAL QUANTITY | UNIT PRICE | TOTAL BID COST |
|---|---|---|---|---|---|
| 20101200 | TREE ROOT PRUNING | EACH | 7 | $ | $ |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS | CU YD | 215 | $ | $ |
| 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 650 | $ | $ |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 100 | $ | $ |
| 28000510 | INLET FILTERS | EACH | 11 | $ | $ |
| 28001100 | TEMPORARY EROSION CONTROL BLANKET | SQ YD | 1,212 | $ | $ |
| 30300001 | AGGREGATE SUBGRADE IMPROVEMENT | CU YD | 215 | $ | $ |
| 35102200 | AGGREGATE BASE COURSE, TYPE B 10" | SQ YD | 1,566 | $ | $ |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 2,950 | $ | $ |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 2,912 | $ | $ |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 14 | $ | $ |
| 40602978 | HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50 | TON | 13 | $ | $ |
| 40603200 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | TON | 249 | $ | $ |
| 40604060 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 | TON | 372 | $ | $ |
| 42000401 | PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED) | SQ YD | 254 | $ | $ |
| 42400800 | DETECTABLE WARNINGS | SQ FT | 54 | $ | $ |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 2,181 | $ | $ |
| 44000159 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | SQ YD | 3,072 | $ | $ |
| 44201711 | CLASS D PATCHES, TYPE IV, 5 INCH | SQ YD | 1,869 | $ | $ |
| 50100100 | STRUCTURES TO BE REMOVED | EACH | 5 | $ | $ |
| 550A2520 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12" | FOOT | 104 | $ | $ |
| 550A2550 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 21" | FOOT | 769 | $ | $ |
| 55100400 | STORM SEWER REMOVAL 10" | FOOT | 30 | $ | $ |
| 55101100 | STORM SEWER REMOVAL 21" | FOOT | 780 | $ | $ |
| 56103000 | DUCTILE IRON WATER MAIN, 6" | FOOT | 68 | $ | $ |
| 56103100 | DUCTILE IRON WATER MAIN, 8" | FOOT | 1,403 | $ | $ |
| 56105000 | WATER VALVES, 8" | EACH | 8 | $ | $ |
| 56400500 | FIRE HYDRANT TO BE REMOVED | EACH | 2 | $ | $ |
| 56400820 | FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX | EACH | 5 | $ | $ |
| 56500800 | DOMESTIC WATER SERVICE BOX | EACH | 31 | $ | $ |
| 59300100 | CONTROLLED LOW-STRENGTH MATERIAL | CU YD | 90 | $ | $ |
| 60200105 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID | EACH | 1 | $ | $ |
| 60200205 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 | $ | $ |
| 60206905 | CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID | EACH | 3 | $ | $ |

| | | | | | |
|---|---|---|---|---|---|
| 60218400 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 6 | $ | $ |
| 60234200 | INLETS, TYPE A, TYPE 1 FRAME, OPEN LID | EACH | 1 | $ | $ |
| 60248900 | VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 8 | $ | $ |
| 66900200 | NON-SPECIAL WASTE DISPOSAL | CU YD | 367 | $ | $ |
| 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 290 | $ | $ |
| 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 100 | $ | $ |
| 78008230 | POLYUREA PAVEMENT MARKING TYPE I - LINE 6" | FOOT | 107 | $ | $ |
| 78008270 | POLYUREA PAVEMENT MARKING TYPE I - LINE 24" | FOOT | 18 | $ | $ |
| 78011035 | GROOVING FOR RECESSED PAVEMENT MARKING 7" | FOOT | 107 | $ | $ |
| 78011125 | GROOVING FOR RECESSED PAVEMENT MARKING 25" | FOOT | 118 | $ | $ |
| X0324878 | SANITARY SEWER SERVICE ADJUSTMENT | FOOT | 50 | $ | $ |
| X1200221 | CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE) | EACH | 5 | $ | $ |
| X2080250 | TRENCH BACKFILL, SPECIAL | CU YD | 2,723 | $ | $ |
| X2130010 | EXPLORATION TRENCH, SPECIAL | FOOT | 500 | $ | $ |
| X5610656 | WATER MAIN TO BE ABANDONED, 6" | FOOT | 1,396 | $ | $ |
| X5610706 | WATER MAIN REMOVAL, 6" | FOOT | 46 | $ | $ |
| X6026050 | SANITARY MANHOLES TO BE ADJUSTED | EACH | 6 | $ | $ |
| X6026622 | VALVE VAULTS TO BE REMOVED | EACH | 1 | $ | $ |
| X6026632 | VALVE BOXES TO BE REMOVED | EACH | 4 | $ | $ |
| X7010216 | TRAFFIC CONTROL & PROTECTION (SPECIAL) | L SUM | 1 | $ | $ |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 | $ | $ |
| Z0018400 | STORM STRUCTURES TO BE ADJUSTED | EACH | 6 | $ | $ |
| | CASH ALLOWANCE | UNITS | 15,000 | $ | $ |
| | CATCH BASIN (SPECIAL) | EACH | 1 | $ | $ |
| | CITY CONSTRUCTION SIGN | SQ FT | 4 | $ | $ |
| | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL) | FOOT | 2,171 | $ | $ |
| | DETOUR SIGNAGE, PHASE 1 | EACH | 55 | $ | $ |
| | DETOUR SIGNAGE, PHASE 2 | EACH | 110 | $ | $ |
| | DUCTILE IRON WATERMAIN, "THEODORE ROAD", 8" | FOOT | 47 | $ | $ |
| | FRAME AND LID TO BE ADJUSTED (SPECIAL) | EACH | 1 | $ | $ |
| | INSERTION VALVES, 8" | EACH | 1 | $ | $ |
| | PARKWAY RESTORATION - SODDING | SQ YD | 1,212 | $ | $ |
| | PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT | SQ YD | 385 | $ | $ |
| | PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL) | SQ FT | 1,469 | $ | $ |
| | SUMP LINE | FOOT | 160 | $ | $ |
| | TEMPORARY ACCESS | EACH | 23 | $ | $ |
| | TEMPORARY PAVEMENT, 2" | SQ YD | 2,181 | $ | $ |
| | WATER MAIN CASING SLEEVE | FOOT | 20 | $ | $ |
| | WATER SERVICE LINE, 1" (LONG) | EACH | 12 | $ | $ |
| | WATER SERVICE LINE, 1" (SHORT) | EACH | 19 | $ | $ |
| **TOTAL** | | | | | $ |

**BID TAB**
**RETURN WITH BID**
**ALTERNATE 1 FOR OAKLAND AVENUE**

| ITEM NO. | PAY ITEM | UNIT | TOTAL QUANTITY | UNIT PRICE | TOTAL BID COST |
|---|---|---|---|---|---|
| 20101200 | TREE ROOT PRUNING | EACH | 2 | $ | $ |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS | CU YD | 110 | $ | $ |
| 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 325 | $ | $ |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 40 | $ | $ |
| 28000510 | INLET FILTERS | EACH | 8 | $ | $ |
| 28001100 | TEMPORARY EROSION CONTROL BLANKET | SQ YD | 90 | $ | $ |
| 30300001 | AGGREGATE SUBGRADE IMPROVEMENT | CU YD | 110 | $ | $ |
| 35102200 | AGGREGATE BASE COURSE, TYPE B 10" | SQ YD | 6 | $ | $ |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 12 | $ | $ |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 2,271 | $ | $ |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 127 | $ | $ |
| 40602978 | HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50 | TON | 1 | $ | $ |
| 40603200 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | TON | 185 | $ | $ |
| 40604060 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 | TON | 284 | $ | $ |
| 42400800 | DETECTABLE WARNINGS | SQ FT | 10 | $ | $ |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 331 | $ | $ |
| 44000159 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | SQ YD | 3,242 | $ | $ |
| 44201711 | CLASS D PATCHES, TYPE IV, 5 INCH | SQ YD | 325 | $ | $ |
| 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 255 | $ | $ |
| 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 127 | $ | $ |
| 78011035 | GROOVING FOR RECESSED PAVEMENT MARKING 7" | FOOT | 255 | $ | $ |
| 78011125 | GROOVING FOR RECESSED PAVEMENT MARKING 25" | FOOT | 127 | $ | $ |
| X6026050 | SANITARY MANHOLES TO BE ADJUSTED | EACH | 2 | $ | $ |
| X7010216 | TRAFFIC CONTROL & PROTECTION (SPECIAL) | L SUM | 1 | $ | $ |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 | $ | $ |
| | CASH ALLOWANCE | UNITS | 3,000 | $ | $ |
| | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL) | FOOT | 422 | $ | $ |
| | FRAME AND LID TO BE ADJUSTED (SPECIAL) | EACH | 5 | $ | $ |
| | PARKWAY RESTORATION - SODDING | SQ YD | 90 | $ | $ |
| | PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT | SQ YD | 140 | $ | $ |
| | PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL) | SQ FT | 134 | $ | $ |
| | TEMPORARY ACCESS | EACH | 3 | $ | $ |
| | TEMPORARY PAVEMENT, 2" | SQ YD | 331 | $ | $ |
| **TOTAL** | | | | | $ |

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## GENERAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2022; the latest editions of the "Supplemental Specifications and Interim Special Provisions" and the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways"; the "Manual of Test Procedures for Materials" in effect on the date of the invitation for bids. These specifications included herein apply to and govern the proposed contract except as modified below. However, Division 100, General Requirements and Covenants shall, in all cases, govern the work of this contract. Section 100 "General provisions" of the Standard Specifications is specifically excluded from this contract unless otherwise noted."

When the term "WATER AND SEWER SPECIFICATIONS" is used in the contract documents, it shall refer to the "Standard Specifications for Water and Sewer Main Construction in Illinois", Seventh Edition, adopted in 2020 The text is available from the Associated General Contractors of Illinois or the Illinois Society of Professional Engineers.

## SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK

The BIDDER acknowledges that it has taken steps reasonably necessary to ascertain the nature and location of the work. It has investigated and satisfied itself as to the general and local conditions which can affect the work or its costs, including but not limited to:

(1) Conditions bearing upon transportation, disposal, handling and storage of materials

(2) The availability of labor, water, electric power, and roads

(3) Uncertainties of weather, river stages, tides, or similar physical conditions at the site

(4) The conformation and conditions of the ground

(5) The character of equipment and facilities needed preliminary to and during work performance

The BIDDER also acknowledges that it has satisfactorily assessed the character, quality, and quantity of surface materials, subsurface materials, and obstacles to be encountered from all resources at the BIDDER's disposal including but not limited to: site inspection, exploratory work, drawings, and the specifications. Any failure of the BIDDER to take the actions described and acknowledged in this paragraph causing an improper estimate of the difficulty and cost for successfully performing the work will not relieve them from their responsibility for successfully performing said work at no additional expense to the CITY.

V3 Companies, Ltd. assumes no responsibility for any conclusions or interpretations made by the BIDDER based on the information made available by V3 Companies, Ltd. or the CITY. Neither the CITY nor V3 Companies, Ltd. assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the acceptance of the bid offer and execution of the contract, unless that understanding or representation is expressly stated in the contract.

## PREVAILING WAGES

This contract calls for the construction of a "public work", within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 *et seq.* ("the Act"). The Act requires CONTRACTORS and subcontractors to pay laborers, workers, and mechanics performing services on public works projects no less than the "prevailing rate of wagers" (hourly cash wages plus fringe benefits) in the county where the work is performed. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor's website at: http://www.state.il.us/agency/idol/rates/rates.HTML. All CONTRACTORS and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage, notice, and record keeping duties.

## CERTIFIED PAYROLL REQUIREMENTS

CONTRACTORS and subcontractors must submit certified payroll records on a monthly basis to The City of Crest Hill and the County along with a statement affirming that such records are true, accurate, and that the wages paid to each worker are not less than the required prevailing rate.

The certified payroll records must include for every worker employed on the public works project the name, address, telephone number, social security number, job classification, hourly wages paid in each pay period, number of hours worked each day, and starting and ending time of work each day. These certified payroll records are considered public records and public bodies must make these records available to the public under the Freedom of Information Act, except for the employee's address, telephone number, and social security number. Any CONTRACTOR who fails to submit a certified payroll or knowingly files a false certified payroll is guilty of a Class B misdemeanor and subject to the consequences of the law.

## CONTRACTING WITH SMALL AND MINORITY FIRMS, WOMEN'S BUSINESS ENTERPRISE, AND LABOR SURPLUS AREA FIRMS

MBE and WBE firms are encouraged to bid on this project. It is national policy to award a fair share of contracts to small and minority businesses when possible as sources of supplies, equipment, construction, and services. If any subcontractors are to be let, the prime CONTRACTOR shall take the following affirmative steps:

A. Including qualified small and minority businesses on solicitation lists.
B. Assuring that small and minority businesses are solicited whenever they are potential sources
C. When economically feasible, dividing total requirements into small tasks or quantities so as to permit maximum small and minority businesses.
D. Where the requirement permits, establishing delivery schedules which will encourage participation by small and minority business.
E. Using the services and assistance of the Small Business Administration, the Office of Minority Business Enterprise of the Department of Commerce and the Community Services Administration as required.

CONTRACTORS shall take similar appropriate affirmative actions in support of Women's Business Enterprises. CONTRACTORS are encouraged to procure goods and services from labor surplus areas.

## PRIVATE PROPERTY ACCESS

The contract plans show driveway improvements outside the City ROW. Once the project has been awarded to the CONTRACTOR the City and the Resident Engineer will work with the various private properties to gain access to their properties. No work can commence on private property till the Resident Engineer or City says so. Once access is granted the CONTRACTOR is to move swiftly to redo the driveway and surrounding grading to cause the least amount of impact to the property owner.

## VIDEO OF CONSTRUCTION ROUTE

**Description.** Prior to the start of any construction or excavation, the CONTRACTOR shall videotape the existing conditions in the area of the construction route. The video shall be done on standard color DVD. The CONTRACTOR shall supply the ENGINEER with two copies of the video prior to starting construction. The video shall include the following:

1. Full right-of-way
2. Parkway condition
3. Pavement condition
4. Curb condition
5. Driveway condition
6. Existing manholes
7. Fire hydrants
8. Fences
9. Trees and landscaped areas

The video recordings shall also supply a continuous audio record of the location (preferably with address), all anticipated problem areas, items, and features for the complete area to be affected by the construction.

The video recording shall be made on a DVD or other approved equal and shall conform to Japan Electronics and Information Technology Industries Association (JEITA) standards. The format of recording and type of media used shall remain the same throughout the project. When the recorded video information is replayed and reviewed, it shall be free of electrical interference.

The audio portion of the composite signal shall be sufficiently free of electrical interference, background noise, and heavy foreign or regional accents to provide an oral report that is clear and complete and easily discernible. The audio portion of the video report shall be recorded by the operating technician on the video as they are being produced and shall include references to the street address and type of construction to be performed at the site as specified in the plans. Audio comments pertaining to special circumstances, which may arise during the excavation, shall also be included. Dubbing the audio information onto the video tract after the video is completed will not be permitted.

Video recordings shall be enclosed in vinyl plastic containers, which shall clearly indicate the date the video was taken, the designated section(s) of construction contained on the tape, and the label "CITY OF CREST HILL OAKLAND AVE WATER MAIN IMPROVEMENT PROJECT." The actual street location shall also be listed on the DVD. One (1) copy of the finished video shall be delivered to the ENGINEER prior to commencing excavation.

The surface condition of excavated areas after final restoration shall be the same or better than the pre-construction site conditions as shown in the video.
The cost of video and log preparation shall not be compensated for separately but shall be considered incidental to the contract.

## MOBILIZATION & DEMOBILIZATION

The CONTRACTOR should note that no mobilization and demobilization payment will be made for this contract, and it shall be considered incidental to the various contract pay items.

## MAINTENANCE OF EXISTING UTILITIES

The CONTRACTOR shall be responsible for interference with or damage to any existing utilities, such as water mains, sewers, gas mains, cable, conduit, etc., and shall repair or replace them in kind at the CONTRACTOR's own expense and with the least possible delay to the satisfaction of the utility owner and/or the ENGINEER. The CONTRACTOR shall give prior notification to the utility companies of their intention to begin work. The CONTRACTOR shall also call J.U.L.I.E. at 1-800-892-0123 and the CITY to mark the location of underground utilities.

| NAME OF UTILITY | CONTACT | ADDRESS | TYPE | CONFLICT STATUS |
|---|---|---|---|---|
| AT&T-D | Tom Laskowski | 1000 Commerce Drive<br>Oak Brook, IL 60523<br>630-779-4722 | Phone | No conflicts |
| Comcast | Martha Gieras | 688 Industrial Drive<br>Elmhurst, IL 60126<br>224-229-5862 | Cable | N/A |
| ComEd | Rick Oster | 2 Lincoln Center<br>Oakbrook Terrace, IL 60181<br>779-231-0625 | Electric | No conflicts |
| Nicor | Anna Tran | 1844 Ferry Road<br>Naperville, IL 60563<br>224-239-7693 | Gas | Conflicts have been resolved |
| City of Crest Hill | Julius Hasen | 2090 Oakland Avenue<br>Crest Hill, IL 60403<br>815-741-7108<br>Bkline@cityofcresthill.com | Water and Sanitary Sewer | No conflicts |

The CONTRACTOR shall note that all representation of existing utilities within the contract documents is for informational purposes only and shall not be understood to be the exact location of the existing utilities or a complete account of all possible existing utilities. The CONTRACTOR shall be responsible for avoiding interference with any existing utility, to the satisfaction of the ENGINEER.

The CONTRACTOR shall contact and notify NICOR when working in close proximity to existing NICOR facilities.

## VANDALISM

Special attention is called to Article 107.30 of the STANDARD SPECIFICATIONS. Any defaced work shall be corrected or replaced by the CONTRACTOR at the CONTRACTOR's sole expense prior to final payment. The CITY shall cooperate with the CONTRACTOR to minimize vandalism, but the CONTRACTOR shall be ultimately responsible to correct any damage.

## CONSTRUCTION AND DEMOLITION DEBRIS

Add the following to the third paragraph of Article 202.03 of the Standard Specifications:

"The CONTRACTOR shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, owner, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the CONTRACTOR for 3 years.

Additionally, the following shall apply to this project:

All removal or excavation items being disposed of at an uncontaminated soil fill operation or Clean Construction and Demolition Debris (CCDD) fill site shall meet the requirements of Public Act 96-1416. All costs associated with meeting these requirements shall be included in the unit price for the associated items in the contract that require removal and disposal of CCDD and uncontaminated soil. These costs shall be included but are not limited to all required testing, lab analysis, certification by a licensed professional engineer, state and local tipping fees."

The geotechnical investigation and Uncontaminated Soil Certification LPC-663 (663) are provided in Appendix B. The 663 for this project certified all project soils for CCDD disposal. It should be noted by the contractor that demonstration of compliance with CCDD regulations and achievement of the Maximum Allowable Concentrations (MACs) does not guarantee soils and fill material will be accepted at all CCDD/Uncontaminated Soil Fill Operations (USFO). CCDD/USFO facilities are privately operated facilities and reserve the right to reject fill material on any criteria. The provided soil evaluation was conducted in accordance with applicable Illinois clean fill regulations. It is the contractor's responsibility to coordinate acceptance with the selected facility based on this documentation. CCDD/USFO facilities may have acceptance criteria which is more stringent than the minimum requirements of Title 35: Subtitle J: Chapter I:

Part 1100. Any additional sampling or soil evaluation required by a contractor selected CCDD/USFO facility is the responsibility of the contractor.

Environmental, geological and geotechnical conditions can vary from those encountered at times and locations where data was obtained and may result in uncertainty with respect to the interpretation of these conditions, despite the use of standard professional care. The geotechnical investigation was conducted with a level of care ordinarily exercised by professional consultants acting under similar circumstances in performing these services. Should conditions inconsistent with the findings contained within this report are encountered during the course of the project, project soils should be reevaluated.

## MAINTENANCE OF ROADWAYS

Beginning on the determined start date of the project, the CONTRACTOR shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the CITY but shall not include snow removal operations. Traffic control and protection for this work will be provided by the CONTRACTOR as required by the CITY.

The work involved in maintaining the existing pavement will not be paid for separately, but shall be considered incidental to the contract, unless otherwise specified elsewhere in these Special Provisions. Traffic control and protection required for this work shall be included in the TRAFFIC CONTROL & PROTECTION (SPECIAL) Special Provision.

## PROTECTION OF EXISTING WATER MAINS

The contractor shall make effort to protect the existing water mains located within the project limits. Care shall be taken when working within the vicinity of existing water mains and the CONTRACTOR should limit excavation and material storage near and/or above existing water mains. If an existing water main break occurs within the vicinity of the CONTRACTOR's work area during active construction, or a break occurs due to CONTRACTOR negligence, the CONTRACTOR shall be responsible for repairing the break on the existing water main at his/her own expense.

If a water main break occurs within the project limits outside of work hours, or due to City-authorized valve exercising, the CONTRACTOR shall provide assistance to repair the main, but shall be compensated on a Time and Materials basis for the work as approved by the City.

## STREET CLEANING

Special attention shall be paid to Section 107.15 of the STANDARD SPECIFICATIONS. If the CONTRACTOR fails to clean the pavement, sidewalk, or parkways on or adjacent to the section under construction to the satisfaction of the CITY at any time during the contract, the CITY will notify the CONTRACTOR at which time the CONTRACTOR will have 24 hours to respond. If the CONTRACTOR fails to respond within 24 hours, an amount of $500.00 per incident will be deducted from any monies due the CONTRACTOR not as a penalty but as liquidated damages.

## DUST CONTROL

The CONTRACTOR shall be responsible for controlling the dust and air-borne dirt generated by his/her construction activities in accordance to Section 107.36 of the STANDARD SPECIFICATIONS.

The implementation of dust control procedures will be required if wind and dry soil conditions reduce visibility on adjacent roads and property and interfere with drainage or create a traffic hazard. Concerns for health and safety to the public using adjacent facilities will be grounds for the implementation of a dust control provisions. When circumstances warrant, a specific dust control procedure shall be developed by the CONTRACTOR that will provide the materials and methods for controlling dust control. The dust control provisions will be sent to the ENGINEER and OWNER for information. Sample techniques that may warrant consideration include such measures as:

1. Minimize track out of soil onto nearby publicly traveled roads.
2. Street Sweeping as necessary.
3. Reduce vehicle speed on unpaved surfaces.
4. Cover haul vehicles.
5. Apply chemical dust suppressants or water to exposed surfaces, particularly to surfaces on which construction vehicles travel.

Dust control measures as indicated shall be readily available for use on the project site. The cost of this work shall be included in the unit prices bid for various items and no additional compensation will be allowed.

## CONSTRUCTION SITE INSPECTION, STREET SWEEPING AND CONCRETE WASHOUTS

**Description.** This work will consist of furnishing all labor and equipment to perform the items listed below to prevent the movement of soils or the effects of pollutants from a construction site that could get into existing or proposed drainage systems or a watercourse. This work will be completed as shown in the plans and as described below.

Construction Site Inspection - The CONTRACTOR shall monitor all erosion control items at least once (1) per week or by the end the following business day after a measurable rain event. This inspection must be completed in a written form and shall, at a minimum, have the following information.

1. The name of the person performing the inspection
2. Date of the inspection
3. Problem Identified
4. Details of corrective action and the date this action has been completed

These reports must be kept on the jobsite and shall be provided to the OWNER or ENGINEER if requested. These records must be held for a minimum of 2-years after the completion of the project.

Street Sweeping-This work will be completed to reduce the amount of pollutants that could be washed into a storm sewer or water course.

Concrete Washouts-The concrete washouts shall be a prefabricated unit. The CONTRACTOR will need to provide the CITY with a copy of the product that is intended to be used for review and approval.

The cost of construction site inspection, street sweeping, concrete washouts shall be considered incidental to the contract.

## STOCKPILE AND SPOILS PROTECTION

**Description.** This work will consist of furnishing all labor, equipment and materials to protect spoils to prevent the movement of spoils or the effects of pollutants in the spoils from a construction site from getting into existing or proposed drainage systems or a watercourse when performing dewatering, stockpiling material and installing storm sewer, sanitary sewer or water mains. Stockpiles are not anticipated for this project, however if the CONTRACT determines their need, the work will be completed as described below.

The CONTRACTOR shall use a filter sock by Siltworm, Inc. or approved equal. The filter sock shall be placed completely around the spoil pile and be installed per the manufacturer's directions.

The ends of the filter socks shall be secured with zip ties.

When multiple filter socks are required to surround a spoil pile the ends shall be secured with zip ties when staking is not feasible or desired.

The cost of Stockpile and Spoils Protection shall be considered incidental to the contract.

## SIGN RELOCATE

Street signs located in or near the construction zone that are not indicated for replacement shall be removed and relocated to intersection street light poles by the CONTRACTOR as directed by the CITY.

The CONTRACTOR shall be responsible for replacing, at the CONTRACTOR's sole expense, any signs damaged during construction and the operation of removing and relocating any signs. The removal and relocation of all existing signs within the construction limits shall not be paid for separately but shall be incidental to the contract.

## CONTRACTOR'S GENERAL WARRANTY AND GUARANTEE

The CONTRACTOR shall provide a written guarantee and Maintenance/Warranty Bond for an amount not to be less than ten (10) percent of the final contract amount. The written guarantee and bond shall be in full force for a period of one (1) year after approval of the final payment on the contract. The conditions of the warranty and guarantee shall be as follows:

A. CONTRACTOR warrants and guarantees to the CITY that all work will be in accordance with the contract documents and will not be defective. ENGINEER and its officers, directors, members, partners, employees, agents, consultants and subcontractors shall be entitled to rely on representation of CONTRACTOR's warranty and guarantee.

B. CONTRACTOR's warranty and guarantee here under excludes defects or damage caused by:

    a. Abuse, modification, or improper maintenance or operation by persons other than the CONTRACTOR, subcontractor, suppliers, or any other individual or entity for whom the CONTRACTOR is responsible

    b. Normal wear and tear under normal usage

C. CONTRACTOR's obligation to perform and complete the work in accordance with the contract documents shall be absolute. None of the following will constitute an acceptance of work that is not in accordance with the contract documents or a release of the CONTRACTOR's obligation to perform the work in accordance with the contract documents:

    a. Observations by ENGINEER

    b. Recommendation by ENGINEER or payment by CITY of any progress or final payment

    c. The issuance of a certificate of substantial completion by ENGINEER or any payment related thereto by the CITY

    d. Use or occupancy of the work or any part thereof by the CITY

    e. Any review and approval of a shop drawing or sample submittal or the issuance of a notice of acceptability by the ENGINEER

    f. Any inspection, test, or approval by others

    g. Any correction of defective work by the CITY

The warranty and guarantee shall be included in the cost of the contract.

## PUBLIC CONVENIENCE AND SAFETY

In addition to the requirements of Article 107.09 of the STANDARD SPECIFICATIONS, the CONTRACTOR shall maintain entrances and side roads along the proposed improvements. Interference with traffic movements and inconvenience to owners of abutting property and public shall be kept to a minimum. Any delays or inconveniences caused the CONTRACTOR by complying with these requirements shall be considered as incidental to the contract and no additional compensation will be allowed.

The CONTRACTOR is to plan their work so that there will be no open holes in the pavement during non-work hours. All trenches, excavations, street openings, and other work located within the limits of the pavement shall be filled flush with the adjacent pavement or covered with steel plates at the end of each workday until after the underground water main work is complete.

All trench backfill shall be paid according to the special provision for TRENCH BACKFILL, SPECIAL excluding the top 5.5" of backfill required to bring the trench flush with the pavement. The top 5.5" of backfill shall be filled with temporary aggregate. The temporary aggregate surface shall be maintained until the entire pavement is removed. The installation of the 5.5" of temporary aggregate will not be considered for payment but shall be incidental to the cost of TRENCH BACKFILL, SPECIAL.

During all construction operations, the CONTRACTOR will be required to provide, erect, and maintain proper signage and barricades plus provide flagmen as necessary for stage traffic control. All - traffic control including signage, barricades, and the use of flagmen shall be according to current IDOT and MUTCD standards.

## WATER SUPPLY AND USAGE

Water to be used for construction purposes for the proposed improvements will be available to the CONTRACTOR at the CITY's Public Works, located at 2090 Oakland Avenue, Crest Hill, Illinois. All water used must be recorded, contact Public Works to coordinate.

## MATERIAL TESTING

All materials shall be inspected and tested by the CONTRACTOR. This includes compaction tests, the making and breaking of concrete test cylinders and asphalt plant inspection and onsite compaction testing. Test results shall be furnished directly to the ENGINEER by the materials testing firm retained by the CONTRACTOR. The materials testing firm shall be experienced and qualified to perform the type of work required by this Special Provision.

Work to be performed under this Special Provision of the Specification shall be in accordance with the applicable requirements and the adopted STANDARD SPECIFICATIONS, and shall be conducted by experienced personnel regularly engaged, knowledgeable, and skilled in inspections and testing materials.

Submittals shall include results/reports of the materials inspected and/or tested. Reports on inspections and/or materials tested shall be prepared in an acceptable form and in accordance with the applicable requirements of the STANDARD SPECIFICATIONS and adopted by these Specifications.

Inspections and/or testing of material shall be performed in accordance with the applicable requirements of the STANDARD SPECIFICATIONS and as required by these Specifications.

Separate measurement or payment will not be made for the work specified in this Special Provision. All costs of such work shall be included in the prices bid for the various items to which they pertain in the Schedule of Prices.

## MATERIAL SUBMITTALS

Shop drawings of the proposed materials shall be submitted to the ENGINEER prior to the ordering of materials by the CONTRACTOR including, but not limited to all of the following Mix Designs, Storm Sewer Pipe, Ductile Iron Water Main, Manholes, Catch Basins, Inlets,

Valve Vaults, Valves, etc. No compensation shall be given to the CONTRACTOR if materials are ordered prior to receiving approval of the material submittals and need to be remade.

### TEMPORARY WATER SHUTDOWNS

**The CITY Water Department shall be notified at least three (3) working days in advance of any water shutdown.** The CITY will determine what residences will be affected by the shutdown and supply the CONTRACTOR with the affected area and shut-off notice handouts. The CONTRACTOR will be responsible for distributing said handouts to the affected residences. The turning of any valve other than those installed, but not yet accepted by the CITY shall be performed by City Water Department personnel only. Before the system is returned to service, a fire hydrant must be opened to relieve any air in the line and to flush the system. After the system is fully flushed, a representative from the CITY will collect chlorine residual and bacteriological samples. An additional sample will be collected after 24 hours.

### INDIVIDUAL UTILITY PERMIT BOND AND UTILITY PERMIT

An Illinois Department of Transportation Utility Permit bond, Utility Permit, and Traffic Control Authorization form will be required. It is anticipated that the Individual Utility Permit Bond will require execution in the amount of $15,000.00. Four (4) copies of each form shall be completed by the CONTRACTOR and submitted to IDOT once available. This item will not be paid for separately but included in the cost of the contract.

### SODDING-NURSERY-SUPPLEMENTAL WATERING

**Description.** The licensed landscape CONTRACTOR will be responsible for additional water of newly placed sod. Section 252.08 will be revised accordingly:

Sod shall be watered immediately after laying. The amount of watering shall be sufficient to saturate the sod and the upper few inches of the underlying soil. The sod shall be watered three times every day of the first two weeks after placement, once a day the 3rd week and once every other day for the 4th week. During ample rainfall, watering may be modified to simulate the above schedule. After the 4-week period the CONTRACTOR shall request acceptance of the sod.

This additional watering will not be paid for separately, but included in the cost of SODDING.

## SPECIAL PROVISIONS

### CLARIFICATION OF CONTRACT DOCUMENTS

All requests for interpretations or clarifications shall be submitted to V3 Companies by emailing Jason Holy at jholy@v3co.com and received at least five (5) business days prior to the date set for receipt of Bids. Requests will be addressed at least two (2) business days prior to the date set for receipt of Bids.

### CONTRACT TIME

The CONTRACTOR shall complete all watermain and storm sewer and pavement / concrete work by November 6, 2026 (substantially complete). Any pavement marking or final restoration

work to be completed by May 14, 2027. The CONTRACTOR will be allowed to complete all sodding and pavement markings within 5 working days after the completion date. Clean-up work and punch list items shall be completed within 5 working days after the completion date... Working days shall be calculated as per Article 108 of the STANDARD SPECIFICATIONS.

## PAVEMENT REMOVAL

**Description:** This work shall consist of the complete removal of existing pavement and sufficient amount of aggregate base course required to achieve proposed pavement section.

**Construction Requirements:**

**440.03 General.** Add the following to the Article:

"The PAVEMENT REMOVAL thickness shall vary depending on the pavement material being removed. The PAVEMENT REMOVAL thickness for Portland Cement Concrete Pavement shall be sufficient enough to allow for the installation of nine (9) inches of Portland Cement Concrete Pavement and ten (10) inches of aggregate base as specified in the plans The nominal PAVEMENT REMOVAL thickness shall be considered to be five (5.0) inches for all hot-mix asphalt material. In the event that varying depths of pavement are found, the ENGINEER may elect to remove only the proposed five (5.0) inches of pavement or choose to remove the full pavement thickness. Any variance in pavement thickness shall be considered included in the cost of this work item.

Any pavement in the curb and gutter shall not be considered pavement removal but shall be incidental to the cost of PAVEMENT REMOVAL."

**440.08 Basis of Payment.** Revise the Article to Read:

"This work will be paid for at the contract unit price per square yard for PAVEMENT REMOVAL. PAVEMENT REMOVAL limits shall be from the edge of curb to the edge of curb; PAVEMENT REMOVAL shall be paid one time. Removal of temporary aggregate over any trench shall not be considered for payment but shall be included in the cost of the TRENCH BACKFILL, SPECIAL installation. Any additional stone required to prepare the roadway to the proposed cross-section after the pavement is removed due to varying pavement thickness shall be paid for at the contract unit price for AGGREGATE BASE REPAIR (SPECIAL)."

## CITY CONSTRUCTION SIGN

**Description**. This work shall consist of furnishing and installing the City of Crest Hill Construction signs at every entry point of the contract. Final locations will be coordinated with the Resident Engineer. The contractor shall provide a shop drawing of the sign for the City to approve before the contractor is to make or install the signs. The signs shall be 4'x 3' in size and shall be properly supported with 2 posts. The scan code and Website address shall be provided to the contractor by the City before submitting the shop drawings. Once the project is over the signs shall be removed and delivered to the City. The City will take ownership of the sign once the project is done.




**Method of Measurement and Basis of Payment**: This work shall be paid for at the contract unit price per square foot for CITY CONSTRUCTION SIGN, which shall include all labor: materials, and equipment necessary to install and remove the signs and return to the City after the project is complete.

**DUCTILE IRON WATER MAIN**

**Description:** This item shall be constructed in accordance with the applicable portions of Section 561 of the STANDARD SPECIFICATIONS and with the applicable portions of Section 41 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

**561.02 Materials.** Add the following to the Article:

"The water main shall be ductile cast iron, cement lined, with push-on joints, Class 52, of the size as designated in the plans, and shall conform to the latest ANSI/AWWA C151/A21.51-86, C111 and C104."

**41-2.03 HANDLING OF PIPE.** Add the following to the Article:

"Wherever water is encountered in the trench, it shall be removed during pipe laying and jointing operations. Provisions shall be made to prevent floating of the pipe. Dewatering plans must be approved by the CITY or the CITY's representative. Any dewatering of the trenches shall be considered incidental. At no time shall trench water be allowed to enter the water main. Water main shall be installed to provide a minimum 5.5' of cover.

Dirt or other foreign material shall be prevented from entering the pipe or pipe joint during handling or laying operations, and any pipe or fitting that has been installed with dirt or foreign material therein shall be removed, cleaned and re-laid. At times when pipe laying is not in progress, the open ends of the pipe shall be closed by a watertight plug or by other means subject

to the approval of the ENGINEER, to ensure absolute cleanliness inside the pipe. All cutting of existing water main pipe for the insertion of valves, tees, or other fittings shall be performed without damage to the pipe or pipe lining, and so as to leave a smooth end at right angles to the axis of the pipe. Any damaged water main shall be re-cut and replaced by the CONTRACTOR at the CONTRACTOR's sole expense."

**41-2.05A LAYING OF DUCTILE IRON PIPE.** Add the following to the Article:

"Ductile iron pipe, pipe fittings, and valve bodies, as well as cast iron valve boxes, shall be wrapped with polyethylene film, a minimum of 8 mils in thickness. The entire wrap on any pipe or fitting shall have a single seam secured by waterproof tape. Polyethylene shall overlap a minimum of 24 inches at seams. The wrap shall enclose the entire pipe or fitting and shall be secured to the adjoining pipe barrel by waterproof tape tightened securely around the juncture of the wrap and the pipe barrel. The CONTRACTOR shall re-wrap the water main at all service tap locations. All polyethylene wrapped ductile iron pipe, pipe fittings, and valve bodies shall be inspected and approved by the ENGINEER prior to backfill.

A canvas strap shall be used to lower the water main into the trench to avoid damaging the polyethylene film. "

**41-2.05B JOINTS FOR DUCTILE IRON PIPE.** Add the following to the Article:

"The first two joints beyond any bend or tee branch shall be a restrained joint. Also, any joint where the proposed water main ties into the existing water main shall be restrained. Acceptable methods of joint restraint include the use of TR-Flex restrained joint pipe, push-on joint pipe with Field-Lok gaskets by U.S. Pipe, mechanical joint ductile iron pipe with TUFGrip series 1000 restraints by Tyler Union, or an equal approved by the ENGINEER. Also, all bends, crosses, and tees shall be additionally restrained with thrust blocks as shown on the details in the plans. The cost of restrained joints and thrust blocks shall be considered included in the cost of the ductile iron water main."

**Basis of Payment:** This work will be paid for at the contract unit price per lineal foot for DUCTILE IRON WATER MAIN, of the diameter specified, measured in place. This price shall include the cost of labor, equipment and materials such as all pipe, joint materials, retainer glands, thrust blocks, hydrostatic pressure tests, leakage test, main disinfection, excavation, bedding, and polyethylene wrapping. Bedding shall be understood to be compacted Granular Cradle (CA-7) from six (6) inches below the bottom of the pipe to twelve (12) inches above the top of the pipe for the full trench width. Excavation and backfill, with the exception of surface removal items listed specifically in the schedule of prices and trench backfill as required, will not be measure for payment, but shall be considered as incidental to the contract unit price per linear foot of DUCTILE IRON WATER MAIN of the class and size specified. Fittings such as tees, bends, reducers, and plugs shall be considered incidental to the contract unit price per linear foot of DUCTILE IRON WATER MAIN of the class and size specified.

The unit price shall also reflect the cost of and all items necessary to complete the work as specified, such as corporation stops (for testing), water pumps, gauges, meters, and laboratory test costs.

## DUCTILE IRON WATER MAIN, THEODORE STREET

**Description:** This item shall be constructed in accordance with the applicable portions of Section 561 of the STANDARD SPECIFICATIONS and with the applicable portions of Section 41 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

**561.02 Materials.** Add the following to the Article:

"The water main shall be ductile cast iron, cement lined, with mechanical joints, Class 52, of the size as designated in the plans, and shall conform to the latest ANSI/AWWA C151/A21.51-86, C111 and C104."

**41-2.03 HANDLING OF PIPE.** Add the following to the Article:

"Wherever water is encountered in the trench, it shall be removed during pipe laying and jointing operations. Provisions shall be made to prevent floating of the pipe. Dewatering plans must be approved by the CITY or the CITY's representative. Any dewatering of the trenches shall be considered incidental. At no time shall trench water be allowed to enter the water main. Water main shall be installed to provide a minimum 5.5' of cover.

Dirt or other foreign material shall be prevented from entering the pipe or pipe joint during handling or laying operations, and any pipe or fitting that has been installed with dirt or foreign material therein shall be removed, cleaned and re-laid. At times when pipe laying is not in progress, the open ends of the pipe shall be closed by a watertight plug or by other means subject to the approval of the ENGINEER, to ensure absolute cleanliness inside the pipe. All cutting of existing water main pipe for the insertion of valves, tees, or other fittings shall be performed without damage to the pipe or pipe lining, and so as to leave a smooth end at right angles to the axis of the pipe. Any damaged water main shall be re-cut and replaced by the CONTRACTOR at the CONTRACTOR's sole expense."

**41-2.05A LAYING OF DUCTILE IRON PIPE.** Add the following to the Article:

"Ductile iron pipe, pipe fittings, and valve bodies, as well as cast iron valve boxes, shall be wrapped with polyethylene film, a minimum of 8 mils in thickness. The entire wrap on any pipe or fitting shall have a single seam secured by waterproof tape. Polyethylene shall overlap a minimum of 24 inches at seams. The wrap shall enclose the entire pipe or fitting and shall be secured to the adjoining pipe barrel by waterproof tape tightened securely around the juncture of the wrap and the pipe barrel. The CONTRACTOR shall re-wrap the water main at all service tap locations. All polyethylene wrapped ductile iron pipe, pipe fittings, and valve bodies shall be inspected and approved by the ENGINEER prior to backfill.

A canvas strap shall be used to lower the water main into the trench to avoid damaging the polyethylene film. "

**41-2.05B JOINTS FOR DUCTILE IRON PIPE.** Add the following to the Article:

"The first two joints beyond any bend or tee branch shall be a restrained joint. Also, any joint where the proposed water main ties into the existing water main shall be restrained. Acceptable methods of joint restraint include the use of TR-Flex restrained joint pipe, mechanical joint ductile iron pipe with Field-Lok gaskets by U.S. Pipe, mechanical joint ductile iron pipe with

MEGALUG mechanical restraints by EBAA Iron, or an equal approved by the ENGINEER. The cost of mechanical restrained joints shall be considered included in the cost of the ductile iron water main."

**Basis of Payment:** This work will be paid for at the contract unit price per lineal foot for DUCTILE IRON WATER MAIN, THEODORE STREET of the diameter specified, measured in place. This price shall include the cost of labor, equipment and materials such as all pipe, joint materials, retainer glands, thrust blocks, hydrostatic pressure tests, leakage test, main disinfection, excavation, bedding, and polyethylene wrapping. Bedding shall be understood to be compacted Granular Cradle (CA-7) from six (6) inches below the bottom of the pipe to twelve (12) inches above the top of the pipe for the full trench width. Excavation and backfill, with the exception of surface removal items listed specifically in the schedule of prices and trench backfill as required, will not be measured for payment, but shall be considered as incidental to the contract unit price per linear foot of DUCTILE IRON WATER MAIN, THEODORE STREET of the class and size specified. Fittings such as tees, bends, reducers, and plugs shall be considered incidental to the contract unit price per linear foot of DUCTILE IRON WATER MAIN, THEODORE STREET of the class and size specified.

The unit price shall also reflect the cost of and all items necessary to complete the work as specified, such as corporation stops (for testing), water pumps, gauges, meters, and laboratory test costs.

## PRESSURE TESTING OF WATER MAINS

**Description:** This item shall be conducted in accordance with the applicable portions of Section 561 of the STANDARD SPECIFICATIONS and of Section 41 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

**41-2.14A PRESSURE TEST.** Revise the Article to read:

"After the pipe has been laid and partially backfilled as specified herein, all newly-laid pipe and fire hydrants or any valved sections of pipe shall, unless otherwise expressly specified, be subjected to a hydrostatic pressure of 150 PSI at the lowest elevation of the pipe section. The ENGINEER and CITY shall be given notice twenty-four (24) hours prior to the beginning of testing. The duration of each pressure test shall be not less than two hours. Water main testing shall be in accordance with the applicable portions of AWWA Standards C00 and C603, or as otherwise modified herein."

**41-2.14B PROCEDURE FOR TEST.** Revise the Article to read:

"The CONTRACTOR shall notify the CITY at least twenty-four (24) hours prior to the pressure test. Valves will be turned on only under direct supervision of the CITY and the CITY will witness all pressure testing.

Each section of pipe to be tested, as determined by the ENGINEER, shall be slowly filled with water and the specified test pressure shall be applied by means of a pump connected to the pipe in a satisfactory manner. All necessary apparatuses including, but not limited to pump, pipe connection, gauges and meters shall be furnished by the CONTRACTOR. Before applying the

specified test pressure, all air shall be expelled from the pipe. To accomplish this, taps shall be made, if necessary, at points of highest elevations and afterwards tightly plugged. Any cracked or defective pipes, fittings, valves, or hydrants discovered in consequence of this pressure test shall be removed and replaced by the CONTRACTOR with sound material at the CONTRACTOR's own expense. The test shall be repeated until the results are satisfactory to the ENGINEER and the CITY. The provisions of AWWA C600 and C603, where applicable, shall apply.

The pressure testing shall be accomplished with fire hydrant auxiliary valves open."

**41-2.14C Leakage Test.** Revise the Article to Read:

"After completion of the pressure test, a leakage test shall be conducted to determine the quantity of water lost by leakage under the specified test pressure.

1. Test pressure is defined as the maximum operating pressure of the section under test and is based on the elevation of the lowest point in the line or section under test corrected to the elevation of the test gauge. Applicable provisions of AWWA C600 and C603 shall apply. The minimum duration of each leakage test shall be one (1) hour in addition to the pressure test period.
2. Allowable leakage in gallons per hour for ductile iron water main shall not be greater than that determined by the following formula: $L = \frac{ND\sqrt{P}}{7400}$

   Note: L = Allowable leakage in gallons per hour
   N = Number of joints in length of pipeline tested
   D = Nominal diameter of the pipe in inches.
   P = Average test pressure during leakage test in pounds per square inch gauge.
3. Leakage is defined as the quantity of water to be supplied in the newly laid pipe or any valved section under test, which is necessary to maintain the specified leakage test pressure after the pipe has been filled with water and the air expelled.

Immediately after a passed test the pressure shall be drained through a fire hydrant until it is below the potable system pressure."

**Basis of Payment.** This work will not be paid for separately but shall be included in the contract unit price per linear foot of DUCTILE IRON WATER MAIN and DUCTILE IRON WATER MAIN, THEODORE STREET of the class and size specified, which price shall be payment in full for all labor, equipment, material to complete the work as specified herein.

## DISINFECTION OF WATER MAINS

Disinfection of water mains shall be completed in accordance with Section 41-2.15 of the WATER AND SEWER SPECIFICATIONS except as modified in this Special Provision.

**41-2.15 DISINFECTION OF WATER MAINS.** The CITY shall be notified at least twenty-four (24) hours before the disinfection procedure. Representatives of the water division must be present during the procedure.

**41-2.15A FLUSHING.** Revise the second paragraph to read as follows:

> "All taps required for chlorination or flushing purposes, or for temporary or permanent release of air, shall be provided for by the CONTRACTOR as part of the construction of water mains."

**41-2.15B REQUIREMENT OF CHLORINE.** Revise the Article to read as follows:

> "A free chlorine residual of at least 50 ppm and no more than 400 ppm must be reached throughout the entire length and branch lines of the water main. After the super-chlorinated water has sat in the main for twenty-four (24) hours, a chlorine residual test shall be taken to ensure the residual has not dropped by over one half (1/2)."

**41-2.15C FORM OF APPLIED CHLORINE.** Revise the Article to read as follows:

> "Chlorine shall be applied by the method which follows, subject to the review of the ENGINEER. Chlorination shall be made by the use of chlorine gas only. The dry gas shall be fed directly through proper devices for regulating the rate of flow and providing effective diffusion of the gas into the water within the pipe being treated. Chlorinating devices for feeding the chlorine gas must provide means for preventing the backflow of water into the chlorine. The chlorine gas shall be injected into the main at intervals of no more than 1,000 feet."

**41-2.15H FINAL FLUSHING AND TESTING.** Revise the Article to read as follows:

> "Following chlorination, all treated water shall be thoroughly flushed from the newly laid pipe at its extremity until the replacement water throughout its entire length shows, upon test, a chlorine residual of less than one (1) mg/l. in the event chlorine is normally used in the source of supply, then the test shall show a residual of not in excess of that carried in the system.
>
> At this time, a water sample will be taken by the CONTRACTOR or the CONTRACTOR's representative and sent to a state-certified water lab of their choice. The CITY shall bear witness to the sampling. The CONTRACTOR shall take two (2) samples, twenty-four (24) hours apart with satisfactory results or the procedure shall be repeated. After satisfactory sample results are obtained, an operating permit shall be obtained from the Illinois Environmental Protection Agency. No service line installation shall be performed until the approved operating permit is received."

**41-2.15I REPETITION OF FLUSHING AND TESTING.** Revise the Article to read as follows:

> "Should the initial treatment result in an unsatisfactory bacterial test, the original chlorination procedure shall be repeated by that CONTRACTOR until satisfactory result are obtained. After water main passes chlorination testing, the corporation stop used to chlorinate the main shall be shut off and any piping removed."

**Basis of Payment.** This work will not be paid for separately but shall be included in the contract unit price per linear foot of DUCTILE IRON WATER MAIN and DUCTILE IRON WATER MAIN, THEODORE STREET of the class and size specified, which price shall be payment in full for all labor, equipment, material to complete the work as specified herein.

## WATER MAIN FITTINGS

**Description.** This work shall consist of furnishing and installing all tees, bends, elbows, crosses, reducers, and retainer glands necessary to complete the water main installation as shown on the plans.

All fittings shall be ductile iron, mechanical joint in accordance with AWSI/AWWA C153/A21.53 and ANSI/AWWA C111/A 21.11. Fittings shall be cement-lined and seal coated in accordance with ANSI/AWWA C104/A21.4. The working pressure rating shall be 350 PSI. All joints between the water main pipe and fitting shall be restrained using TUFGrip Series 1000 restraints or an approved equal. Bolts and nuts on all fittings shall be Corten steel, or an approved equivalent.

Fittings shall be subject to the same testing and disinfecting procedures stated herein in the PRESSURE TESTING WATER MAIN and DISINFECTION OF WATER MAIN sections.

**Basis of Payment.** This work will not be paid for separately but shall be included in the contract unit price per linear foot of DUCTILE IRON WATER MAIN and DUCTILE IRON WATER MAIN, THEODORE STREET of the class and size specified, which price shall be payment in full for all labor, equipment, material, testing, and disinfecting to complete the work as specified herein.

## ABANDON EXISTING WATER MAIN

**Description.** This work shall consist of the abandonment of portions of existing water main as shown on the plans and as directed by the ENGINEER to construct the proposed improvements.

Existing water main shall be abandoned only after all new water services have been transferred over to the new main and the new main has passed all required testing and is operational.

Water main to be abandoned shall be drained of all water and shall be plugged at both ends with a minimum of two (2) feet of non-shrink concrete/mortar plugs to the satisfaction of the ENGINEER. Pumping access points shall be at the proposed excavation locations. This shall include saw cutting and excavation to the main to install the plug. The backfill of the hole shall be trench backfill and shall be included in the price of this work.

**Basis of Payment.** This work will be paid for at the contract unit price per lineal foot for ABANDON EXISTING WATER MAIN, of the diameter specified, measured in place. The price shall include the cost of all labor, equipment and materials required to perform the work as specified.

## WATER MAIN REMOVAL

**Description.** This work shall consist of the removal of existing water main that are in direct conflict with the proposed improvements. Existing water main that are to be taken out of operation but are not in conflict with the proposed improvements shall be abandoned as specified for ABANDON EXISTING WATER MAIN.

This work shall be completed in accordance with applicable portions of Section 551 of the STANDARD SPECIFICATIONS, except that the material shall not be salvaged, but shall be disposed according to Article 202.03 of the STANDARD SPECIFICATIONS. All diameters of water main to be removed will be covered under this pay item. This work shall also include any necessary saw cutting of the existing water main and the removal of valves, tees, and other appurtenances (excluding fire hydrants).

The ends of the existing water main shall be plugged as specified for ABANDON EXISTING WATER MAIN.

Trenches resulting from the removal of water main shall be backfilled in accordance with the applicable requirements of Article 550.07. Backfill of removal trenches (including Trench Backfill) shall be included in this item.

**Basis of Payment.** All labor, materials and equipment necessary to complete the work as specified for WATER MAIN REMOVAL shall not be paid for separately but shall be included in the bid price for the installation of the proposed items of work.

## WATER VALVES, of the diameter specified

**Description:** This item shall consist of the installation of water valves of the resilient wedge gate valve type suitable for ordinary water-works service, intended to be installed in a normally open position on buried pipelines for water distribution systems. This work shall be completed in accordance with the applicable portions of Section 42 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

**42-2.01 MANUFACTURER AND MARKING.** Revise the Article to read as follows:

The gate valves shall be standard pattern and shall have the name or mark of the manufacturer, size, and working pressure plainly cast in raised letters on the valve body. Gate valves shall be an East Jordan Valve, the Clow RW Valve or an equal approved by the CITY.

**42-2.02 TYPE AND MOUNTING.** Revise the Article to read as follows:

"The valve bodies shall be cast iron, mounted with approved non-corrosive metals. All wearing surface shall be bronze or other approved non-corrosive material and there shall be no movement, bearing or contact between iron surfaces. Contact surfaces shall be machined and finished in the best workmanlike manner and all wearing surfaces shall be easily renewable. All trim bolts shall be 300 series stainless steel.

The resilient-seated disc wedge shall be of the resilient wedge fully-supported type. Solid guide lugs shall travel within channels in the body of the valve. The disc and guide lugs shall be fully (100%) encapsulated in SBR (styrene butadiene) rubber.

Disc wedges that are not 100% fully encapsulated shall not be acceptable. Guide caps of an acetyl copolymer bearing material shall be provided to protect the rubber-encapsulated solid guide lugs from abrasion for long life and ease of operation.

All internal and external exposed ferrous surfaces of the valve shall be coated with a fusion-bonded, thermosetting powder epoxy coating conforming to AWWA C550 and certified to NSF 61. Coating shall be non-toxic and shall impart no taste to water. Coating thickness shall be nominal 10 mils.

The stem shall be of high tensile strength bronze or other approved non-corrosive metal, providing 70,000 PSI tensile strength with 15% elongation and a yield strength of 30,000 PSI. All nonferrous bushings shall be of substantial thickness, tightly fitted and pressed into machine seats. All valves shall open by turning to the left (counterclockwise), unless otherwise specified."

**42-3 END CONNECTIONS.** Revise the Article to read as follows:

"End connections of gate valves shall be restrained mechanical joints as specified elsewhere herein.

**42-10 INSTALLATION OF GATE VALVES.** Add the following to the Article:

All gate valves are to be installed in concrete valve vaults as detailed in the plans. The valves shall be wrapped with polyethylene film, as specified in the Special Provision for "DUCTILE IRON WATER MAIN", included elsewhere herein. A one-inch (1") corporation stop shall be installed in the water main on each side of the valve within the vault to allow for testing, chlorinating, and sampling work to be done.

**Basis of Payment:** This work will be paid for at the contract unit price each for WATER VALVES, of the diameter specified. This price shall include the cost of all labor, materials, and equipment necessary to install the gate valve in a valve vault, including polyethylene wrapping and corporation stops as detailed in the plans and to the satisfaction of the ENGINEER. This shall not include the price of the valve vault which shall be paid for separately.

**FIRE HYDRANT TO BE REMOVED**

**Description.** This work shall consist of the removal of existing fire hydrants, including auxiliary valves, and plugging and blocking of abandoned water main as indicated on the plans or required by the ENGINEER. The existing fire hydrants are not to be removed until after the new fire hydrants have been installed and satisfactorily tested. The fire hydrants and auxiliary valves to be removed shall become the property of the CITY and shall be delivered to the Public Works Facility. The CONTRACTOR is to bag any existing or new fire hydrants that are not in use.

**Measurement and Payment.** This work will be paid for at the contract unit price each for FIRE HYDRANT TO BE REMOVED, which price shall be payment in full for all labor, equipment, and material necessary to complete the work as specified herein.

**FIRE HYDRANT WITH AUXILIARY VALVE & VALVE BOX**

**Description:** This work shall consist of furnishing new fire hydrants of the type and size specified herein below at the locations indicated on the plans or otherwise directed by the ENGINEEER as detailed in the plans.

**Materials:** Hydrants shall be of the compression or gate type conforming to the latest specifications of the American Water Works Association, C502, and shall be of a make that has been adopted by the CITY as standard. Hydrants shall be designed for a 150-pound working pressure. Hydrants shall be finished with two (2), two & one-half inch (2-1/2") hose nozzles, and one (1) four & one-half inch (4-1/2") steamer connection pumper nozzle. Threads on nozzles and caps shall be national standard thread and shall conform to the standard adopted by the CITY. Hydrants shall open by turning to the left or counter-clockwise and shall be so marked. All new fire hydrants furnished under this contract shall be East Jordan # 5BR250, "14BL Cadet Blue" in color with no weather shield, and shall have traffic flange construction design with a break way flange and mechanism at the ground line. Fire hydrants shall also include a STORZ connection on the front port. The lead time for material purchases for Jordan # 5BR250, "14BL Cadet Blue" fire hydrants is 21 days. The CONTRACTOR shall not be provided any time extension to the contract due to lack of coordination in material purchasing.

Hydrants shall have a six-inch (6") pipe connection, shall be equipped with a six-inch (6") auxiliary valve, and shall have a five and one-quarter inch (5 ¼ ") valve opening. The auxiliary valve shall be attached to the hydrant so that a minimum of thirty inches (30") of separation will exist between the edge of the auxiliary valve box and edge of the fire hydrant; this shall be done by means of a 6" spool piece with wedge type mechanical joint couplings. The joint for joining the auxiliary valve shall be fitted with a cast iron valve box of the same type as specified under standard drawing #14 of the WATER AND SEWER SPECIFICATIONS. A valve box stabilizer shall be rubber of the type 'Adapter Inc.' Stabilizer or an approved equal and shall be installed between the valve box and the auxiliary valve. Bolts and nuts on all fittings shall be Corten Steel, or equivalent.

**Installation:** Hydrants shall be set at the locations indicated on the plans and shall be such length that with the frost ring nearly at the ground level, there will be five and one-half feet (5.5') of cover over the connecting pipe and the height of the nut on the cap is a minimum of thirty inches (30") above the ground. At least four feet (4.0') of cover will be provided across ditches. Hydrants shall be placed on poured concrete slabs ready mix 3500 PSI (or an approved equal) and shall have a minimum of one-half cubic yard (½ CY) of gravel or porous stone around the base to provide drainage for the hydrant drip. This shall include a 3-4 mil. Plastic barrier, between the gravel drain field and the earth cover. All hydrants shall be properly braced to prevent movement. Any mechanical joint glands required on any mechanical joint fittings necessary for the installation of the hydrants shall be retainer-type glands. All hydrants shall be placed so that the steamer connection is facing the existing roadway. The CONTRACTOR shall grease all hydrants (including breakaway, upper stem, ports and any other parts per

manufacturer's recommendations) post installation. **The CONTRACTOR shall bag each hydrant post installation prior to backfilling to protect the hydrant from the backfilling process.** If the CONTRACTOR fails to protect the hydrant from the backfilling process, the CONTRACTOR shall sand and paint the hydrants "14BL Cadet Blue" color at no additional cost to the CITY.

**Basis of Payment:** This work will be paid for at the contract unit price per EACH for FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX, which price shall include all necessary labor, material, and equipment to install the fire hydrants as per the applicable standards and as specified herein.

## VALVE VAULTS, TYPE A, 5' DIA, TYPE 1 FRAME, CLOSED LID

**Description.** This work shall consist of constructing valve vaults for water mains and water services in accordance with Section 44 of the WATER AND SEWER SPECIFICATIONS and the applicable provisions of Section 602 of the STANDARD SPECIFICATIONS.

602.02 Materials. Revise *Notes 1 & 2.* to read as follows:

"Note 2. Rubber riser rings shall exclusively be used, as needed, to adjust the frames and grates of drainage and utility structures up to a maximum of two inches (2"). They shall be installed and sealed underneath the frames according the manufacturer's specifications. "

In addition to the requirements of Sections 44 – 2.02 and 44 – 3.01 and 602, valve vaults shall be constructed in accordance with IDOT Highway Standard 602501, Value Vault Type A. All lids for valve vaults shall have the words "WATER" and "CREST HILL" cast into them.

**Measurement and Payment.** This work will be paid for at the contract unit price per each for VALVE VAULTS, TYPE A, 5' DIA, TYPE 1 FRAME, CLOSED LID, of the diameter specified, which price shall include all materials, labor and equipment required to complete the work as specified.

## EXPLORATION TRENCH, SPECIAL

**Description:** This item shall consist of excavating a trench at the locations directed by the ENGINEER for the purpose of locating existing utility lines within the construction limits of the proposed improvement. This work shall conform to the requirements of Section 213 of the STANDARD SPECIFICATIONS except as herein modified.
An estimated length of exploration trench has been shown in the summary of quantities; unit price is unaffected by a change in quantity and shall be based on the actual length of trench explored. The trench shall be excavated to a satisfactory depth to explore the local area.
**213.02 General.** Add the following to the end of the Article:

"The exploration trench shall be backfilled with TRENCH BACKFILL, SPECIAL meeting the requirements as stated in the Special Provisions, the cost of which shall be included in the item of Exploration Trench, Special.

**Method of Measurement and Basis of Payment:** This work shall be paid for at the contract unit price per foot for EXPLORATION TRENCH, SPECIAL and no additional compensation

will be accommodated for any delays, inconveniences, or damage sustained by the CONTRACTOR in performing the work.

## AGGREGATE SUBGRADE IMPROVEMENT (SPECIAL)

**Description:** This work shall consist of constructing an aggregate subgrade improvement (ASI).

**Materials:** Materials shall be according to the following:

| Item | Article/Section |
|---|---|
| (a) Coarse Aggregate | 1004.07 |

Materials must consist of virgin aggregate only. No recycled asphalt or concrete material will be allowed under new pavement.

**Equipment:** The vibratory roller shall be according to Article 1101.01, or as approved by the ENGINEER. Vibratory machines, such as tampers, shall be used in areas where rollers do not fit.

**Soil Preparation:** The minimum immediate bearing value (IBV) of the soil below the improved subgrade shall be according to the Department's "Subgrade Stability Manual" for the aggregate thickness specified.

**Placing and Compacting**: The maximum nominal lift thickness of aggregate gradations CA 2, CA 6, and CA 10 when compacted shall be 9 in. The maximum nominal lift thickness of aggregate gradations CS 1, CS 2, and RR 1 when compacted shall be 24 in.

The top surface of the aggregate subgrade improvement shall consist of a layer of capping aggregate gradations CA 6 or CA 10 that is 3 in. thick after compaction. Capping aggregate will not be required when aggregate subgrade improvement is used as a cubic yard pay item for undercut applications.

Each lift of aggregate shall be compacted to the satisfaction of the ENGINEER. If the moisture content of the material is such that compaction cannot be obtained, sufficient water shall be added so that satisfactory compaction can be obtained.

**Finishing and Maintenance:** The aggregate subgrade improvement shall be finished to the lines, grades, and cross sections shown on the plans, or as directed by the ENGINEER. The aggregate subgrade improvement shall be maintained in a smooth and compacted condition.
**Method of Measurement:** This work will be measured for payment according to Article 311.08.

**Basis of Payment:** This work will be paid for at the contract unit price per cubic yard for AGGREGATE SUBGRADE IMPROVEMENT (SPECIAL).

## TEMPORARY ACCESS

Description: This work shall consist of furnishing and placing aggregate for use as temporary access to maintain ingress and egress at all times to abutting properties during construction

operations, Work shall be in accordance with section 402 of the Standard Specifications, except as herein modified.

**Construction Requirements:** The CONTRACTOR shall construct and maintain aggregate for temporary access to private entrances, commercial entrances, and roads according to Article 402.07 and as directed by the ENGINEER.

The CONTRACTOR shall coordinate with adjacent property owners prior to impacting access.

If deemed necessary by the ENGINEER temporary access ramps shall be constructed of cold millings or crushed aggregate. The ENGINEER shall identify each location that is to receive a temporary access ramp. All temporary access ramps shall be compacted to the satisfaction of the ENGINEER.

Maintenance of the temporary access ramps shall consist of relocating and/or regarding any millings or aggregate disturbed, and placing and compacting additional millings or aggregate if deemed necessary by the ENGINEER

When use of the temporary access is discontinued, the cold millings or aggregate shall be removed and hauled off site at no additional charge.

**Method of Measurement:** This work shall be measured for payment per EACH private entrance, commercial entrance or roadway where a TEMPORARY ACCESS was constructed.

**Basis of Payment:** This work will be paid for at the contract unit price per EACH for TEMPORARY ACCESS for the installation specified which price shall include all material, equipment, and labor necessary to place, compact, and maintain each TEMPORARY ACCESS installed. Each TEMPORARY ACCESS shall only be paid for one time and shall be maintained for the duration of the project or to such a time when the ENGINEER deems the ramps no longer necessary.

## CONSTRUCTION LAYOUT

The CONTRACTOR shall be required to furnish and place construction layout stakes for this project. The ENGINEER will provide adequate reference points to the centerline of survey and benchmarks as shown in the plans and listed herein. Any additional control points set by the ENGINEER will be identified in the field to the CONTRACTOR and all field notes will be kept in the office of the ENGINEER.

The CONTRACTOR shall provide field forces, equipment, and materials to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and any other horizontal or vertical controls, including supplementary benchmarks, necessary to secure a correct layout of the work. Stakes for line and grade shall be set at sufficient station intervals (not to exceed 15 m (50 ft.)) to assure substantial conformance to plan line and grade. The CONTRACTOR will not be required to set additional stakes to locate a utility line which is not included as a pay item in the contract nor to determine property lines between private properties.

The CONTRACTOR shall be responsible for having the finished work substantially conform to the lines, grades, elevations and dimensions called for in the plans. Any inspection of checking of the CONTRACTOR's layout by the ENGINEER and the acceptance of all or any part of it shall not relieve the CONTRACTOR of their responsibility to secure the proper dimension, grades and elevations of the several parts of the work. The CONTRACTOR shall exercise care in the preservation of stakes and benchmarks and shall have them reset at the CONTRACTOR's own expense when any are damaged, lost, displaced or removed or otherwise obliterated.

**Responsibility of the ENGINEER**

a. The ENGINEER will locate and reference the centerline of all roads and streets except interchange ramps. The centerline of private entrances and short street intersection returns will not be located or referenced by the ENGINEER.

   Locating and referencing the centerline of survey will consist of establishing and referencing the control points of the centerline of surveys such as PC's, PT's and as many POT's as are necessary to provide a line of sight.

b. Benchmarks will be established along the project outside of the construction lines not exceeding 300 m (1,000 ft.) intervals horizontally and 6 m (20 ft.) vertically.

c. Stakes set for (a) and (b) above will be identified in the field to the CONTRACTOR.

d. The ENGINEER will make random checks of the CONTRACTOR's staking to determine if the work is in substantial conformance with the plans. Where the CONTRACTOR's work will tie into work that is being or will be done by others, checks will be made to determine if the work is in conformance with the proposed overall grade and horizontal alignment.

e. The ENGINEER will set all stakes for utility adjustment for building fences along the right of way line by parties other than the CONTRACTOR.

f. The ENGINEER will make all arrangements and take all cross sections from which the various pay items are to be measured.

g. Where the CONTRACTOR, in setting construction stakes, discovers discrepancies, the ENGINEER will check to determine their nature and make whatever revisions are necessary in the plans, including the re-cross sectioning of the area involved. Any additional restaking required by the ENGINEER will be the responsibility of the CONTRACTOR. The additional restaking done by the CONTRACTOR will be paid for in accordance with 109.04 of the STANDARD SPECIFICATIONS.

h. The ENGINEER will accept responsibility for the accuracy of the initial control points as provided herein.

i. It is not the responsibility of the ENGINEER, except as provided herein, to check the correctness of the CONTRACTOR's stakes; however, any errors that are apparent will be immediately called to the CONTRACTOR's attention and the CONTRACTOR shall be required to make the necessary correction before the stakes are used for construction purposes.

j. Where the plan quantities for excavation are to be used as the final pay quantities, the ENGINEER will make sufficient checks to determine if the work has been completed in substantial conformance with the plan cross sections.

**Responsibility of the CONTRACTOR**

a. The CONTRACTOR shall establish from the given survey points and benchmarks all the control points necessary to construct the individual project elements. The CONTRACTOR shall provide the ENGINEER adequate control in close proximity to each individual element to allow adequate checking of construction operations. This includes, but is not limited to, line and grade stakes, line and grade nails in form work, and/or filed or etched marks in substantially completed construction work.

   It is the CONTRACTOR's responsibility to tie in centerline control points in order to preserve them during construction operations.

b. At the completion of the grading operations, the CONTRACTOR will be required to set stakes at 30 m (100 ft.) station intervals along each profile grade line. These stakes will be used for final cross sectioning by the ENGINEER.

c. All work shall be in accordance with normally accepted self-checking surveying practices. Field notes shall be kept in standard survey field notebooks and those books shall become the property of the ENGINEER at the completion of the project. All notes shall be neat, orderly and in accepted form.

d. For highway structure staking, the CONTRACTOR shall use diligent care and appropriate accuracy. Points shall be positioned to allow reuse throughout the construction accuracy. Prior to the beginning of construction activities, all structure centerlines and pier lines are to be established by the CONTRACTOR and checked by the ENGINEER. The CONTRACTOR shall provide a detailed structure layout showing span dimensions, staking lines and offset distances.

**Method of Measurement and Basis of Payment:** This work will be paid for at the contract lump sum price for CONSTRUCTION LAYOUT, which shall be payment in full for all labor, materials, transportation, and incidentals necessary to furnish, install, maintain, replace, and relocate all control and stationing points.

**CASH ALLOWANCE**

**Description:** Unforeseen circumstances in the field may arise and provide cause for additional work to be added to the project. The intent of this item is to provide for adequate budget to cover items not specifically included in the contract prior to the bidding process.

**Requirements:** All work shall conform to appropriate articles of the STANDARD SPECIFICATIONS, City ordinances, City details and specifications that are considered industry standards or standards set forth by a governing body for the furnishing, fabrication, installation, or removal of the included items.

**Method of Measurement:** This item shall be measured for payment in the appropriate dimensions for the work performed.

**Basis of Payment:** The CONTRACTOR will include in their bid a sum of 25,000 units at $1 per unit for a total of $25,000.00 per street for CASH ALLOWANCE. Only additional work, not covered by existing Pay Items, indicated on the Drawings or in the Project Specifications will be

eligible for payment under the CASH ALLOWANCE. Additional work may consist of items such as additional connection to an existing water service of an odd size or other construction that may be deemed necessary by the CITY to add to the project.

**CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID**

**Description.** This work shall consist of constructing Type A Catch Basins for storm water in accordance with applicable provisions of Sections 602 and 604 of the STANDARD SPECIFICATIONS.

**602.02 Materials.** Revise *Notes 1 & 2.* to read as follows:

"Note 2. Rubber riser rings shall exclusively be used, as needed, to adjust the frames and grates of drainage and utility structures up to a maximum of two inches (2"). They shall be installed and sealed underneath the frames according to the manufacturer's specifications. "

**604.04 Construction Requirements.** Add the following to the article:

"The Frame and Grate to be installed on the specified Type A Catch Basin shall be Type 1 Frame and Open Lid per City detail."

**Measurement and Payment.** This work will be paid for at the contract unit price per each for CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID, which price shall include all materials, labor and equipment required to complete the work as specified in the STANDARD SPECIFICATIONS and herein for the installation of the structure and the aforementioned Frame and Grate.

**CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID**

**Description.** This work shall consist of constructing Type C Catch Basins for storm water in accordance with applicable provisions of Sections 602 and 604 of the STANDARD SPECIFICATIONS.

**602.02 Materials.** Revise *Notes 1 & 2.* to read as follows:

"Note 2. Rubber riser rings shall exclusively be used, as needed, to adjust the frames and grates of drainage and utility structures up to a maximum of two inches (2"). They shall be installed and sealed underneath the frames according to the manufacturer's specifications. "

**604.04 Construction Requirements.** Add the following to the article:

"The Frame and Grate to be installed on the specified Type C Catch Basin shall be Type 1 Frame and Open Lid per City detail."

**Measurement and Payment.** This work will be paid for at the contract unit price per each for CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID, which price shall include all materials, labor and equipment required to complete the work as specified in the STANDARD SPECIFICATIONS and herein for the installation of the structure and the aforementioned Frame and Lid.

## COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)

This work shall consist of the removal of the existing curb and gutter and the construction of new combination concrete curb and gutter, Type B6.12, including all necessary excavation, embankment, doweling and subbase granular material as shown in the details and in accordance with Sections 606, 202, 205 and 311 of the STANDARD SPECIFICATIONS.

High Early strength concrete shall be used across driveway aprons to minimize the required cure time of the concrete.

**Construction Requirements:** In addition to the requirements of Article 606.06 of the STANDARD SPECIFICATIONS the CONTRACTOR shall excavate all material necessary to build the proposed curb and gutter and proposed subbase in accordance with Section 202 of the STANDARD SPECIFICATIONS. Driveways shall not be removed for forming purposes unless approved by the ENGINEER.

The proposed subbase shall be subbase granular material, Type B with minimum thickness of 4" in accordance with Section 311 of the STANDARD SPECIFICATIONS. Backfill behind the proposed back of curb shall be in accordance with Section 205 of the STANDARD SPECIFICATIONS.

The CONTRACTOR shall machine-saw a perpendicular clean joint between that portion of the curb and gutter to be removed and that which is to remain in place. If the CONTRACTOR removes or damages the existing curb and gutter outside the limits designated on the plans or by the ENGINEER for removal and replacement, they will be required to remove and replace that portion at the CONTRACTOR's own expense to the satisfaction of the ENGINEER.

CONTRACTOR shall use full forms on both sides of the patch - 9" at edge of pavement and either 12" or 15" at back of curb.

Contraction joints shall be provided at uniform intervals not to exceed 15 feet. In an instance where a segment of curb is incomplete at the end of day, the curb shall be cut square and a construction joint with dowel bars shall be installed. Expansion joints shall be 1-inch thick with two No. 5 smooth epoxy coated bars with greased cap and shall be constructed at intervals not to exceed 60 feet. .

At each location where the new curb meets the existing curb, the existing and new curb shall be tied together with 2 - No. 5 smooth epoxy coated dowel bars, 24" long. Dowel shall be drilled and grouted 12" into the existing curb.

New combination concrete curb and gutter shall be depressed across all driveways and sidewalk ramps intersecting the curb and gutter.

High Early strength concrete shall be used across driveway aprons to minimize the required cure time of the concrete.

The CONTRACTOR shall replace the curb and gutter with Type B6.12..

**Method of Measurement**: Shall be per Article 606, except any earth excavation and subbase granular material will not be measured for payment but shall be included in the contract unit price per foot for COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL).

**Basis of Payment**: This work shall be paid for at the contract unit price per foot for COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL). This work shall include the use of High Early strength concrete across all driveway aprons and any all-pavement removal, excavation, sub-base material, dowel bars and reinforcement, expansion joints, and backfill necessary to construct the work as shown in the details and as specified herein.

## CONNECTION TO EXISTING WATER MAINS (NON-PRESSURE)

**Description.** This work shall consist of the connection of the proposed water main to the existing water main at locations shown on the Plans. It shall be performed in accordance with applicable portions of Section 41 of the "Standard Specifications for Water and Sewer Main Construction in Illinois," latest edition and the Addison Standard Specifications.

The work shall include all equipment necessary to physically make the connection. Any reducers, cutting-in sleeves, or any other fitting near/or as result of the connection, shall be included in this pay item.

Proposed water main shall be connected to existing water main after the new main has passed hydrostatic testing and disinfection. Connections shall be accomplished by use of mechanical joint fittings and lengths of pipe to make the most direct vertical and horizontal adjustments necessary to make the connection. This may include cut-ins to the existing main or connections to existing valves or fittings. This work will require water shut-off, which shall be coordinated with the Village's maintenance personnel for date, time and duration of shut-off. The Village Public Works shall be notified a minimum of 48 hours prior to the planned water disruption.

New fittings and pipe that need to be put into immediate service shall be flushed and swabbed with 5 percent solution of calcium hypochlorite prior to assembly as approved by the Engineer and/or Village.

**Method of Measurement.** The work will be measured for payment in place for each non-pressure connection made to an existing water main.

**Basis of Payment.** This work will be paid for at the contract unit price for each CONNECTION TO EXISTING WATER MAINS (NON-PRESSURE), regardless of size, which includes necessary equipment to physically make the connection, polyethylene wrapping, disinfection, testing, and thrust blocking.

## WATER MAIN CASING SLEEVE

**Description.** This work shall consist of installing a C-900 PVC watermain quality pipe a minimum of ten feet on either side of the conflicting pipe as shown in the plan details. The casing pipe shall be 16" for an 8" DIP watermain pipe.

The end of the casing pipe shall be covered with an end seal to provide a barrier to backfill material and seepage. A "Wraparound" casing pipe end seal shall include butyl mastic strips to seal the edges, and is designed to facilitate installation when the carrier pipe has already been joined together and the installation is complete. A "Pull-on" casing pipe end seal shall be seamless, have vulcanized edges, and can be pulled on at the time of construction. end seal shall be manufactured of a minimum 1/8" thick neoprene or synthetic rubber, assuring excellent chemical resistance and resiliency and shall be specifically designed to conform to concentric carrier/casing configuration and to permit movement of the carrier pipe without damage to the seal from backfilling.

Factory manufactured stainless steel or polyethylene casing pipe spacers shall be installed on all carrier pipes passing through a casing pipe to prevent the carrier pipe bell from touching the casing pipe and to maintain a uniform space between the carrier pipe and casing interior. Hardwood skids shall NOT be used in place of manufactured casing spacers.

**Method of Measurement.** The work will be measured for by the foot of sleeve installed.

**Basis of Payment.** This work shall be paid for at the contract unit price per foot for WATER MAIN CASING PIPE. The price shall include the 16" sleeve pipe, casing pipe spacer, end seal material, and all labor, materials, and equipment necessary to complete this work.

## DOMESTIC WATER SERVICE BOX

**Description**: This work shall consist of furnishing new domestic water service boxes as specified herein. The specified locations on the plans are approximate and exact locations of the existing domestic water service boxes and water service lines are to be determined in the field at the expense of the CONTRACTOR. The water service box shall not be located within a driveway or sidewalk and shall be placed in a landscaped area.

**Materials:** All domestic water services boxes shall be the Tyler 6500 with BBAF service box stabilizer or approved equal. All curb stops shall be A.Y. McDonald 76104Q with "dog dish" concrete block.

**Installation:** The cast iron service box shall be installed over the curb stop and held in a truly vertical position until sufficient backfill has been placed to ensure permanent vertical alignment of the box. The top of the box shall be adjusted and set flush with the established ground surface grade.

**Measurement and Payment.** Furnishing and installing curb stops, curb boxes, removal of existing domestic water service box, and any couplings and service line required to connect the DOMESTIC WATER SERVICE BOX to the existing service shall be paid for at the contract unit price per each for DOMESTIC WATER SERVICE BOX. This price shall include all labor, equipment and materials necessary to perform the work as specified herein. There shall be no additional payment for water services located deeper than typically expected.

## DOMESTIC WATER SERVICE BOX REMOVAL

This work shall consist of the removal of existing curb boxes and curb stops at the locations exemplified on the plans. As previously mentioned, the specified locations on the plans are approximate and exact locations of the existing domestic water service boxes and water service lines are to be determined in the field at the expense of the CONTRACTOR. The material shall be removed and disposed of by the CONTRACTOR.

The existing water service line which is connected to an existing water main designated to be abandoned may be removed or abandoned in place. The removed water service lines shall become the property of the CONTRACTOR.

This work shall not be paid for separately but shall be included in the cost of the installation of the DOMESTIC WATER SERVICE BOX pay item. This shall be payment in full for all labor, equipment, and material to complete the work as specified herein.

## DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT

**Description:** This work shall consist of the complete removal of existing driveway pavement and sufficient excavation to achieve proposed driveway pavement typical sections and the replacement of PORTLAND CEMENT CONCRETE (HI-EARLY) driveway pavement in part or in their entirety at locations shown on the plans or as directed by the ENGINEER. This work shall be performed in accordance with applicable provisions of Sections 301, 351, 406, and 423 of the STANDARD SPECIFICATIONS and the details shown on the plans and as directed by the ENGINEER.

**Construction Requirements:** The CONTRACTOR shall place and compact embankment, or excavate, in accordance with Sections 202 and 205 of the STANDARD SPECIFICATIONS in order to achieve the finished grades shown on the plans.

The proposed driveway pavement typical section shall consist of the following:

A. PORTLAND CEMENT CONCRETE (HI-EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT:
    a. 6" of Portland Cement Concrete (High Early)
    b. 6"x6" wire mesh reinforcement centered throughout the entire driveway
    c. 4" of Aggregate Base Course, Type B

All Aggregate Base Course, reinforcement, and (High Early) Portland Cement Concrete will not be paid for separately, but shall be included in the pay item DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT.

The CONTRACTOR shall stage driveway installation to maintain ingress and egress of abutting entrances at all times during construction operations.

**Method of Measurement and Basis of Payment:** This work will be measured and paid for at the contract unit price per square yard for PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT, which price shall be payment in full for constructing this item as specified, including all aggregate base materials, reinforcement, surface course materials, labor, and equipment.

## INSERTION VALVE, of the specified diameter

**Description:** This work shall consist of the furnishing and installation of a water valve onto existing water main under pressure at the locations depicted by the ENGINEER for the purpose of installation of a valve and/or other connection without interruption of service of the existing water distribution system. This item shall conform to the applicable portions of the Special Provision for WATER VALVES and applicable portions of Section 42 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

**Materials:** The material furnished on this project shall be Advanced Valve Technologies, Inc.'s **EZ VALVE SYSTEM** product or an equal approved by the ENGINEER. The CONTRACTOR shall submit the proposed materials for the proposed work to the ENGINEER for review prior to any work.

**Method of Measurement & Basis of Payment:** This work shall be measured and paid for per EACH for INSERTION VALVE, of the specified diameter installed and which price shall include all necessary material, labor, tools, & equipment to perform the work as indicated in the special provision. This price shall also include all necessary excavation, shoring, and trench backfill.

## PARKWAY RESTORATION - SODDING

**Description:** The purpose of this work is to restore the areas disturbed by construction and/or to provide proper drainage in the parkways.

This work shall be done in accordance with Sections 211 and 252 of the STANDARD SPECIFICATIONS and the details provided in the Plans, except where modified herein.

This work shall include restoring disturbed areas within the construction limits, removing excess backfill material, furnishing and placing topsoil in accordance with Section 211, compacting and grading to maintain positive slope, and sodding the areas in accordance with Section 252. CONTRACTOR shall take care to ensure proper placement and compaction as the

CONTRACTOR will be responsible for the continued repair of any areas until they are satisfactory to the ENGINEER, at no additional cost.

**211.04 Placing Topsoil and Compost.** Add the following to the end of the Article:

"The topsoil shall be spread smooth, disked, and compacted to a uniform thickness of not less than 4 inches to allow for the sod placement to match the surrounding grade of the existing landscape."

**252.03 Ground Preparation.** Add the following to the end of the Article:

"The ENGINEER shall be notified a minimum of 24 hours prior to the furnishing and excavation of topsoil and the installation of the sod. Failure to provide the ENGINEER with said notice will give the CITY cause to void payment for the sod.

The removal of any excess backfill material or aforementioned unacceptable materials shall be included in the unit price for PARKWAY RESTORATION - SODDING.

Fertilizer nutrients shall be applied in accordance with Section 252.03 of the STANDARD SPECIFICATIONS and shall be included in the pay item for PARKWAY RESTORATION - SODDING."

**252.06 Placing Sod.** Add the following to the end of the Article:

"The CONTRACTOR shall provide subsequent resodding until a satisfactory growth of grass is produced, if settlement occurs, or if there are significant variations in grade as determined by the ENGINEER."

**Basis of Payment:** This work shall be paid for at the contract unit price per square yard for PARKWAY RESTORATION - SODDING which price shall include all material, equipment, and labor necessary to excavate, furnish, compact, and fertilize a minimum of four inches (4") of topsoil, to place sod, to stake sod *at the direction of the ENGINEER,* and to maintain sod until satisfactory growth is achieved.

**PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)**

**Description:** This work shall consist of removing the Portland Cement Concrete Sidewalk and replacing it on a compacted subbase and shall be performed in accordance with Sections 311 and 424 of the STANDARD SPECIFICATIONS except as modified herein.

**Construction Requirements:** Areas to receive new sidewalk shall be excavated to the plan depth and prepared according to the specifications.

**311.05 Placing and Compacting Subbase Materials (b).** Add the following to the Article:

"All sidewalks shall be poured on a minimum of four (4) inches of this granular material type.

**424.06 Placing and Finishing.** Add the following to the Article:

"Thickness. Sidewalks shall maintain a minimum thickness of five (5) inches unless crossing through a driveway where the minimum thickness shall increase to six (6) inches.

Sidewalks shall be constructed of High-Early strength Portland Cement Concrete when crossing through a driveway.
Reinforcement. Sidewalks shall be doweled with 2 #4 Reinforcement Bars on both ends of the installation segment when installed adjacent to existing sidewalk. Sidewalk spanning a trench shall have 2 continuous #4 Reinforcement Bars installed to a minimum of 10' on each side of the trench.

Sidewalk ramps and depressed curbs for the handicapped shall be installed at all intersecting streets, driveways, crosswalks, and bicycle paths as directed by the ENGINEER in accordance with IDOT Highway Standards 424001-09, 424006-02, 424011-03, 424016-03, and 424021-03.

Detectable warnings shall be placed in sidewalk behind depressed concrete curb and gutter at all roadway crossings as directed by the ENGINEER."

**Method of Measurement:** Portland cement concrete sidewalk will be measured for payment in place and the area computed in square feet.

**Basis of Payment:** This work will be paid for at the contract unit price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL), which price shall include all work required to remove the sidewalk, all required expansion joints, reinforcement, special texturing, variable height edge treatment at sidewalk ramps, additional thickness at driveway aprons, High-Early strength Portland Cement Concrete at driveways, compacted subbase granular materials, and required excavation and disposal of excavated materials.

## DETECTABLE WARNINGS

**Description:** This work shall consist of installing Detectable Warning panels in accordance with Section 424 of the STANDARD SPECIFICATIONS.

**Materials:** The detectable warning panels shall be TufTile or Armor-Tile of polymer material to be wet set into the concrete. The color of the tile shall be brick red. The CONTRACTOR shall submit a material submittal for approval to the ENGINEER for review prior to any work.

**Method of Measurement and Basis of Payment:** This work will be measured or paid for by the square foot for DETECTABLE WARNINGS. This shall be payment in full for all labor, equipment, and material to complete the work as specified herein.

## SANITARY MANHOLES TO BE ADJUSTED

**Description:** This work shall be done in accordance with Section 602 and applicable provisions of Section 603 of the STANDARD SPECIFICATIONS and shall consist of the adjustment of sanitary manholes and furnishing and installing a new type 1 frame, closed lid, per City details.

If the sanitary manhole to be adjusted is located within an area shown on the plans to be resurfaced, the contractor is to follow the City of Crest Hill's Frame Adjustment When Milling detail. If the sanitary manhole to be adjusted is located within an area shown on the plans for pavement removal, the manhole does not require concrete around the structure after the adjustment.

**602.02 Materials.** Add the following to the Article:

"Non-hardening butyl rubber mastic sealant (minimum thickness one quarter inch (¼") shall be used between adjusting rings in place of mortar, or as required by the CITY of the Sanitary Sewer."

In locations where existing external frame seals exist, it shall be removed and disposed of and an internal/external **Cretex** frame seal shall be installed. In locations where internal frame seals exist, it
shall be removed and disposed of and a **Cretex** internal/external frame seal shall be installed. In locations where there are no existing frame seals, a **Cretex** internal/external frame seal shall be installed. The installation of the internal/external frame seal will not be paid for separately and will be considered incidental to this pay item.

The internal/external frame seal shall consist of the following:

1) Provide frame seals consisting of a flexible internal rubber sleeve, rubber ring, and external rubber sleeve and extension, and stainless-steel compression bands.
2) Rubber sleeve, ring, butyl tape, and extension:
    a) Provide rubber sleeve and extension complying with ASTM D412 and ASTM D2240.
    b) Provide rubber ring complying with ASTM D-2000.
    c) Provide butyl tape: Comply with 1000% minimum webbing @ 77 degrees F, 500% minimum elongation @32 degrees F, and maximum 75 PSI compressibility @ 77 degrees F.
    d) Provide sleeve with a minimum thickness of 0.062" and unexpanded external vertical heights of 10 to 12 inches.
    e) Provide extension having a minimum thickness of 0.062".
    f) Comply with a minimum 1500 PSI tensile strength, maximum 18% compression set and a hardness (durometer) of 48 +/- 5.
3) Compression Band:
    a) Provide compression band to compress the sleeve against the manhole.

b) Use 16-gauge stainless steel conforming to ASTM A240 Type 304 with no welded attachments and having a minimum width of one-half inch (½").

c) Make a watertight seal having a minimum adjustment range of two inches (2") in diameter.

d) Provide stainless steel screws, bolts, and nuts conforming to ASTM F593 and 594, Type 304.

4) Acceptable Products:

a) Cretex Companies, Inc.

b) Or as required by the owner of the sanitary sewer system

The internal/external frame seal shall be installed as follows:

1) Install internal/external rubber gasket on the manhole chimney.

a) Provide watertight gasket to eliminate leakage between the internal/external frame seal and the adjusting ring and between each adjusting ring down to and including the cone section.

2) Clean surface and prepare the lower two inches (2") of the manhole frame and exterior of all adjusting rings and cone section/corbel surfaces.

3) Install internal rubber gasket in accordance with manufacturer's recommendations.

a) Field verify for suitable dimensions and layout before installation.

b) Realign frame as required

4) Repair and apply mortar grout to the adjusting rings as required to provide a smooth, circular surface for the external rubber gasket.

5) Install external rubber gasket in accordance with manufacturer's recommendations

a) Field verify for suitable dimensions and layout before installation.

b) Utilize sealing caulk where required

c) Provide chimney seal extensions as required

6) Test installation by flooding area around the manhole with water before backfilling and surface restoration.

a) Gaskets are required to provide watertight seal at openings between the frame and adjusting rings and between adjacent adjusting rings down to the cone/corbel section.

7) Reinstall and retest failing gaskets at no additional cost to the CITY

8) Or as required by the Owner of the sanitary sewer system.

9) Lids for the sanitary manhole adjustment shall have the words "SANITARY" and "CREST HILL" cast into them.

**Basis of Payment:** this work will be paid for at the contract unit price per each of SANITARY MANHOLES TO BE ADJUSTED, which price shall include all of the above. Where directed by the ENGINEER, the existing frame and lid shall be removed and replaced with **SEALED** Type 1 Frame and closed lid. External chimney seal shall be provided in accordance with ASTM C-923. The frame, lid, and chimney seal shall be included in the cost of sanitary manhole adjustments

and will not be paid for separately. This work shall be paid for at the Contract unit price per each for SANITARY MANHOLE TO BE ADJUSTED.

## FRAME AND LID TO BE ADJUSTED (SPECIAL)

**Description:** This work shall be done in accordance with Section 602 and applicable provisions of Section 603 of the STANDARD SPECIFICATIONS and shall consist of the adjustment of storm sewer and sanitary sewer manholes and furnishing and installing a new type 1 frame, closed lid within the roadway that is being milled and resurfaced.

Contractor shall follow the City of Crest Hill's Frame Adjustment When Milling detail which is included in the plan set under the construction details.

**Basis of Payment:** This work will be paid for at the contract unit price per each of FRAME AND LID TO BE ADJUSTED (SPECIAL), which price shall include all materials, labor, and equipment necessary to perform this work.

## SANITARY SEWER SERVICE ADJUSTMENT

**Description:** This work shall consist of adjusting existing sanitary sewer to avoid a potential utility conflict. The sanitary sewer service shall connect to the existing sanitary sewer main and be constructed to the limits of the proposed sewer or water main conflict at which point a sanitary sewer cleanout shall be installed. All work shall be performed in accordance with applicable sections of both Section 33 of the WATER AND SEWER STANDARD SPECIFICATIONS and Section 563 of the STANDARD SPECIFICATION and as specified herein.

**33-4 PIPE AND JOINT MATERIALS.** Revise the Article to read as follows:

"Sanitary sewer shall be PVC, SDR 26 having a minimum cell classification of 12454 per ASTM D1784 and meeting the requirements of ASTM D3034. The pipe joints and fittings shall be elastomeric seals meeting the requirements of ASTM D3212 and F477. If required, connections to existing sanitary sewer main shall be made with a stainless-steel tapping saddle. All residential sanitary sewer services shall be six (6) inches in diameter."

**Construction**. Installation of sanitary sewer service shall be accomplished to line and grade in the trench only after it has been dewatered and the foundation and/or bedding has been prepared in accordance with Section 20 of the WATER AND SEWER STANDARD SPECIFICATIONS. Mud, silt, gravel and other foreign material shall be kept out of the pipe and off the jointing surface.

All pipe laid shall be retained in position so as to maintain alignment and joint closure until sufficient backfill has been completed to adequately hold the pipe in place. All pipe shall be laid to conform to the prescribed line and grade specified.

The pipe bedding shall be a minimum of four (4) inches in depth and shall be placed on a sound trench bottom. If unsuitable material is encountered in the trench bottom, the CONTRACTOR shall remove the unsuitable material until suitable material is encountered or as directed by the ENGINEER. All unsuitable material removed shall be replaced with the bedding material.

After the pipe has been laid to the specified line and grade, the CONTRACTOR shall place haunching material on each side of the installed pipe to a level equal to the spring line of the pipe. The CONTRACTOR shall verify that the pipe is adequately supported for the entire length of the installed pipe. Following the haunching of the pipe, the initial backfill shall be placed to a depth that is a minimum of twelve (12) inches above the top of the installed pipe.

The bedding, haunching, and initial backfill material shall have a gradation that meets the minimum requirements of IDOT gradation CA-7.

Upon completion of the initial backfill, the remainder of the trench shall be backfilled to the natural line of finished surface as rapidly as the conditions will permit. The backfill material for trenches where the inner edge of the trench is within two (2) feet or in existing pavements, curb, gutter, or sidewalks shall meet the requirements of the TRENCH BACKFILL, SPECIAL Provision provided elsewhere herein.

All fittings shall be factory produced and shall be designed for installation on the pipe used. Fittings shall be of the same quality and material as the pipe used.

The maximum deflection permissible at any one (1) fitting shall not exceed 45 degrees. The maximum deflection of any combination of two adjacent fittings shall not exceed 45 degrees unless a segment of pipe not less than two and one half (2-1/2) feet in length be installed between such adjacent fittings.

The sanitary sewer service shall be laid at a minimum grade of one (1) percent and shall have a minimum depth of six (6) feet and a maximum depth of eight (8) feet at the Right of Way line unless otherwise directed by the ENGINEER.

Sanitary sewer service connections shall be made to existing sewer main tees. If there is not an existing tee, or if the orientation of the tee is such that a new tee is required to provide the proper separation, the connection shall be made by machine made tap and a stainless-steel tapping saddle. Connections made to existing sanitary sewer pipe shall be made with flexible PVC repair couplings with a stainless-steel shear ring such as Fernco "Strong Back RC 1000 Series" couplings or approved equal. This work shall be considered incidental to the sanitary sewer adjustment.

**Measurement and Payment:** This work will be paid for at the contract unit price per foot for SANITARY SEWER SERVICE ADJUSTMENT which price shall include all pipe, fittings, excavation, removal and disposal of all excavated material, bedding, haunching backfill, initial backfill, tapping saddles, machine made taps. Final TRENCH BACKFILL, SPECIAL will be measured separately for payment.

## STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2

**Description.** This work shall include the installation of Class A Rubber Gasket storm sewers at location shown on the plans and as directed by the ENGINEER. This work shall conform to applicable sections of the WATER AND SEWER SPECIFICATIONS and applicable provisions of Section 550 of the STANDARD SPECIFICATIONS.

**Method of Measurement and Basis of Payment.** This work shall be measured and paid for at the contract unit price per lineal foot for STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2, of size specified, which price shall include all labor; excavation; materials, including pipe, structure and pipe connections, fittings and bedding; backfilling, compacting and removal of spoils; dewatering; and equipment necessary to complete the work as specified herein.

Placement and compaction of TRENCH BACKFILL, SPECIAL shall be paid for separately.

## STORM STRUCTURES TO BE ADJUSTED

**Description:** This work shall consist of the adjusting of drainage structures within the curb line or within areas of pavement removal according to the plans. The term "STRUCTURE" shall be understood to refer to any of the following: catch basins, manholes, inlets. This work shall be completed in accordance with applicable provisions of Section 602 of the STANDARD SPECIFICATIONS.

This item includes the cost of a new precast cone section or barrel sections if needed when adjusting the structures within the curb line. The frame shall be replaced with a new Type 1 Frame Open Lid. Contractor shall also follow the detail for the placement of the new Type 1 open Lid within the curb line "CURB WITH TYPE 1 FRAME AND GRATE".

Each structure adjustment shall be limited to a maximum of one (1) foot in adjustment height and a maximum of two adjustment rings. Adjustment rings for structures in the pavement and rings under 2" on all drainage adjustments shall be performed rubber. Adjustment rings greater than 2" for structures in the parkway may be PCC. The CONTRACTOR shall place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the PCC structure and adjustment ring. The CONTRACTOR shall also place a continuous strip 3/8" thick of polyurethane sealer/adhesive between the top of the adjusting ring and the bottom of the frame.

**Basis of Payment:** This work will be paid for at the contract unit price per each of STORM STRUCTURES TO BE ADJUSTED, which price shall include all materials, labor, and equipment necessary to perform this work.

## VALVE BOXES TO BE REMOVED

**Description.** This work shall consist of the complete removal and disposal of existing valve box structure at locations shown on the plans or as directed by the Engineer.

Removal and disposal of the existing valve box shall be as specified in Section 605 of the IDOT SSRBC.

**Construction Requirements.** No work shall proceed prior to the shutdown of any water main passing through or adjacent to the box structure to be removed. This work shall consist of removing the frame and lid of an existing box structure, removal of the valves, fittings, taps and other elements of the water system within the box, removing large debris and backfilling holes as required. Material shall not be salvaged but shall be disposed of according to Article 202.03 of the IDOT SSRBC.

The excavated area shall be backfilled with CA7 and is included in the cost of the structure removal. Any capping of existing water mains that remain in place once the box is removed will also be included.

**Method of Measurement.** This work will be paid for per each existing valve box removed including all valves, fittings, taps or other elements of the water system within the vault. All backfill will be considered as part of the vault removal.

**Basis of Payment.** This work will be paid for at the contract unit price each for VALVE BOXES TO BE REMOVED.

## VALVE VAULTS TO BE REMOVED

**Description.** This work shall consist of the complete removal and disposal of existing valve vaults structure at locations shown on the plans or as directed by the Engineer.

Removal and disposal of the existing valve vaults shall be as specified in Section 605 of the IDOT SSRBC.

**Construction Requirements.** No work shall proceed prior to the shutdown of any water main passing through or adjacent to the vault structure to be removed. This work shall consist of removing the frame and lid of an existing vault structure, removal of the valves, fittings, taps and other elements of the water system within the vault, breaking down the structure walls, removing large debris and backfilling holes as required. Material shall not be salvaged but shall be disposed of according to Article 202.03 of the IDOT SSRBC.

The excavated area shall be backfilled with CA7 and is included in the cost of the structure removal. Any capping of existing water mains that remain in place once the vault is removed will also be included.

**Method of Measurement.** This work will be paid for per each existing valve vault removed including all valves, fittings, taps or other elements of the water system within the vault. All backfill will be considered as part of the vault removal.

**Basis of Payment.** This work will be paid for at the contract unit price each for VALVE VAULTS TO BE REMOVED.

## STRUCTURES TO BE REMOVED

Description. This item of work shall be performed as directed by the ENGINEER in conformance with applicable provisions of Section 605 of the STANDARD SPECIFICATIONS. Storm Structures designated for removal shall be completely removed. Storm Structure shall be understood to mean any Manhole, Catch Basin or Inlet. Depending on existing site conditions, the ENGINEER may direct the CONTRACTOR to completely remove a Storm Structure. The hole formed thereby from the removal shall be filled with crushed aggregate conforming to CA-7 when in a roadway or walkway.

**Basis of Payment.** The work involved to remove a Storm Structure will be paid for at the contract unit price per each for STRUCTURES TO BE REMOVED, respectively. These prices shall include all labor, excavation, equipment, materials (including backfill material).

## SUMP LINE

**Description:** This work shall consist of the installation of PVC SDR 35 sump drain pipe conforming to ASTM D-3034 size to be determined in the field.

**Construction Requirements:** During construction if a sump pump line is encountered during construction or preconstruction walk through the contractor is required to identify the pipe on the plans and work with the Engineer to determine what needs to be done. If it was found during the preconstruction walk through the contractor and Engineer will work to figure out if it will be in conflict with the improvements and determine a route to relocate the line. If the line is found during construction and is damaged during construction the contractor is to notify the Engineer and work on how to repair the damaged line so the service is not interrupted. If the Engineer approves it, an option would be to connect the line to a storm sewer manhole nearby is possible. The manhole shall be cored and not sawed open for the new pipe connection. If a drainage structure is not near by the contractor is to work with the Engineer on how the pipe shale daylight and provide positive drainage while not cause a ponding or wet area in the landscaped areas within the City ROW.

**Method of Measurement:** Installation of SUMP LINE shall be measured in place and the length calculated in feet.

**Basis of Payment:** This work will be paid for at the contract unit price per foot for SUMP LINE. All excavation, disposal of excavated material, cored manhole/inlet/catch basin connection, tees, fittings, cleanouts, trench backfill, granular bedding, and backfill shall not be paid for separately but shall be included in the cost of SUMP LINE, of the diameter specified.

## TRAFFIC CONTROL & PROTECTION (SPECIAL)

**701.01 Description**. This work shall be performed in accordance with Section 701 of the STANDARD SPECIFICATIONS and any Highway Standards contained herein with the following clarifications.

Special attention is called to Articles 107.09 and 107.14 and the following Highway Standards and District One Standards relating to traffic control:

**Highway Standards**:

701501 Urban Lane Closure 2-lane, 2-way Undivided

701502 Urban Lane Closure 2-lane, 2-way, with Bidirectional Left Turn Lane

701801 Urban Lane Closure Crosswalk or Sidewalk Closure

701901 Traffic Control Devices

**District One Standards**:

TC-10 Traffic Control and Protection for Side Roads, Intersections and Driveways

**City Standards**:

PVT-12 Typical Pavement Marking

**701.04 General.** Add the following to the Article:

"The CONTRACTOR shall make frequent inspections of the worksite. Any traffic control items that are worn, damaged or are inoperative to the extent that they no longer meet these specifications or that have been displaced shall be repaired or removed and replaced. Traffic control items shall be properly installed and operational 24 hours-a-day, 7 days a week. The CONTRACTOR shall respond to requests from the CITY to correct traffic control deficiencies within 4 hours of the request. If specification is not met within 4 hours of notice, the CITY will take whatever action it may deem necessary to bring the traffic control within specification and deduct all costs (actual and incurred) from amounts due the CONTRACTOR.

The CONTRACTOR shall maintain at least one lane of traffic for local and emergency use at all times. Entrances to driveways and side roads shall also be maintained as indicated in the special provision for TEMPORARY ACCESS.

All signs except those referring to daily lane closures shall be post mounted in accordance with Standard 702001.

Temporary detour signage shall be paid for separately as DETOUR SIGNAGE, however all traffic control devices for the different Stages shall be included in the cost of this item.

Temporary Stop signs shall be included in the cost of this item and not paid for separately."

**701.19 Method of Measurement.** Add the following to the Article:

"No compensation for any delays that may be caused the CONTRACTOR in complying with this special provision shall be made."

**701.20 Basis of Payment.** This work shall be paid for at the contract lump sum price for TRAFFIC CONTROL & PROTECTION (SPECIAL), less monies deducted for non-compliance with Section 701.

## DETOUR SIGNAGE

**Description:** This work shall consist of all labor, materials, transportation, handling, and incidental work necessary to furnish, install, maintain and remove all temporary signage required along the detour routes detailed in the plans and approved by the ENGINEER.

The CONTRACTOR shall maintain at least one lane of traffic for local and emergency use at all times.

**Basis of Payment:** DETOUR SIGNAGE, of the Stage specified, shall be paid for at the contract unit price per each sign installed. This price shall include all materials, labor and equipment necessary to furnish, erect, maintain and remove all applicable temporary signage along the detour route according to the details shown in the plans.

Traffic control devices for the different Stages shall be included in the contract unit price for TRAFFIC CONTROL & PROTECTION (SPECIAL).

## TRAFFIC CONTROL DEFICIENCY DEDUCTION

To ensure a prompt response to incidents involving the integrity of the work zone traffic control devices, the CONTRACTOR shall provide a telephone number where a responsible individual can be contacted on a 24-hour-a-day basis. When the ENGINEER is notified or determines a deficiency exists, they shall be the sole judge as to whether the deficiency is an immediate safety hazard. The CONTRACTOR shall dispatch sufficient resources within 4 hours of notification to make needed corrections of deficiencies that constitute an immediate safety hazard. Other deficiencies shall be corrected within 12 hours. If the CONTRACTOR fails to restore the required traffic control and protection within the time limits specified above, the CONTRACTOR will not be paid for that day of Traffic Control and Protection. In addition, if the CONTRACTOR fails to respond, the ENGINEER may correct the deficiencies and the cost thereof will be deducted from monies due or which may become due to the CONTRACTOR. This corrective action will in no way relieve the CONTRACTOR of his/her contractual requirements or responsibilities.

## TRENCH BACKFILL, SPECIAL

**Description:** The provisions of Section 208 of the STANDARD SPECIFICATIONS shall be modified such that the material used for trench backfill shall be CA-7 Coarse Aggregate. The trench backfill shall be compacted only by Method 1 as defined in Article 550.07 of the STANDARD SPECIFICATIONS.

**Method of Measurement and Basis of Payment:** This work will be paid for at the contract unit price per cubic yard for TRENCH BACKFILL, SPECIAL which price shall include all material, equipment, and labor necessary to place and compact the trench backfill as specified. The quantity of trench backfill for payment shall be determined by using the method of measurement as shown in the plans as the Typical Trench Detail for Water Main and as defined in Article 208.03(b) of the STANDARD SPECIFICATIONS for pipes other than water main. The top 5" of any trench requiring trench backfill within roadway shall be backfilled with temporary aggregate bringing the trench flush with the adjacent pavement. The installation of the 5" of temporary aggregate will not be considered for payment but shall be included in the unit price per cubic yard for TRENCH BACKFILL, SPECIAL.

**WATER SERVICE LINE, 1" (LONG)**

**WATER SERVICE LINE, 1" (SHORT)**

**Description.** This work will include all labor, equipment, and materials to install new Type K copper 1-inch water service lines as shown on the plans from the new water main to the property line. The work cannot begin until a satisfactory chlorination report is received on the new water main. Once this report is received the CONTRACTOR shall then disconnect the house services from the old main and connect new services to the new main at locations shown on the plans. This work shall also include the removal and abandonment of the existing service.

**Materials.** All material shall be approved by the CITY prior to installation.

**Corporation Stops:** Corporation stops shall be of brass; ball valve type manufactured in accordance with AWWA Standard C800. The inlet connection shall have standard AWWA tapered threads unless otherwise specified or as field conditions dictate or as required by the ENGINEER. The outlet connection shall be a copper or brass compression connection end pack for copper pipe. Corporation stop sizes from 1" to 2" shall match the size of the specified service line materials in the field or as required by the CITY.

Preferred manufacturers and model numbers are:

Ford, F1000, Q-Series with alternates allowed only as directed by the ENGINEER.

**Curb Stops:** Curb Stops shall be bronze body construction, ball valves, with double O-ring stern seals. Curb stops shall conform to AWWA Standard C800. End connections shall be suitable for copper or brass compression connections. Sizes shall match the service line size.

Preferred manufacturers and model numbers is:

Ford, Compression No Flare, Q-Series, 1½" minimum, with alternates allowed only as directed by the ENGINEER.

Curb boxes shall be standard cast iron, sliding or screw type, 1" or 2-1/2" as required, complete with lid and head bolt. Boxes shall be adjustable from 18-inches to 66-inches. Curb box type shall be Ford "Minneapolis Pattern".

**Construction Requirements.** The water service line shall be one continuous piece of pipe from the corporation stop to the curb stop with no unions. Each water service shall run perpendicular to the main, directly to the curb stop with no kinks or bends.

The existing service lines are 1" or ¾" diameter of varying material. The locations of existing water service lines on the plans are approximated and exact locations shall be determined in the field. It is the CONTRACTOR's responsibility to locate all existing domestic water service boxes and water services. The CONTRACTOR shall provide the proper couplings between copper and the varying material.

***Water Service Installation***: The method of installation, excavating and backfilling shall be in accordance with Section 562 of the STANDARD SPECIFICATIONS and Sections 41-2.11, 41-2.12, and 41-2.13 of the WATER AND SEWER SPECIFICATIONS and as described below.

***Excavation and Bedding***: The trench shall be excavated to an elevation to allow the minimum cover over the service line as called for on the plans. Provision shall be made by the CONTRACTOR to allow for any future cuts to be made to the ground over the pipe to assure that the minimum cover is maintained.

***Backfilling:*** The backfilling required for each water service line shall be as shown on the plans and in accordance with the TRENCH BACKFILL, SPECIAL provision.

After all, backfill has been completed, the ground surface shall be shaped to conform to the contour of adjacent surfaces

***Disposal of Surplus Excavated Material***: Surplus excavated material not needed for backfill shall be promptly removed from the site to locations provided by the CONTRACTOR. The cost of removal and disposal of surplus excavated materials shall be included in the cost for water service line installation.

WATER SERVICE LINE, 1" (LONG) shall be the one (1) inch water service lines installed on the side of the roadway opposite of the newly constructed water main. WATER SERVICE LINE, 1" (SHORT) shall be the one (1) inch water service lines installed on the same side of the roadway as the newly constructed water main.

**Basis of Payment.** All excavation, couplings, new 1" diameter copper water service lines, connections to the existing service line and new water main, capping of any abandoned water service line, necessary TRENCH BACKFILL, SPECIAL, the new curb stop and new corporation stop will not be paid separately but shall be included in the contract unit price per each for WATER SERVICE LINE, 1" (LONG) or WATER SERVICE LINE, 1" (SHORT).

## CORPORATION STOPS

**Description**. This work shall consist of furnishing and installing corporation stops to new and existing water mains, in accordance with Section 562 of the STANDARD SPECIFICATIONS and Sections 41-2.11 and 41-2.13 of the WATER AND SEWER SPECIFICATIONS.

**Materials.** The corporation stops shall be Ford, F1000, Q-Series or an approved equal.

**Method of Measurement and Basis of Payment.** This work shall not be paid for separately but shall be included in the corresponding WATER SERVICE LINE, of the specified diameter (LONG) or WATER SERVICE LINE, of the specified diameter (SHORT) pay items when installed as part of a water service connection. Corporation stops installed on the new water main for the purpose of testing the water main shall not be paid for separately but shall be included in the corresponding price per lineal foot for DUCTILE IRON WATER MAIN of the specified size. This shall be considered payment in full for all labor, equipment, and material required to complete the work as specified herein.

## TEMPORARY PAVEMENT, 2"

**Description**. This work shall consist of excavating two inches of stone, furnishing, placing temporary pavement in the existing utility trenches for the winter shutdown. The temporary pavement shall be installed in a manner that meets all applicable standards and specifications. The contractor is to install two inches of binder after removing two inches of stone to install the binder.

**Materials.** The material for this item shall meet the latest standards and specifications for Hot-Mix Asphalt Binder Course, IL 19.0, N50.

**Construction and Maintenance.** Temporary pavement shall be constructed on trench backfill of the utilities that were installed at locations shown on the plans or as directed by the Engineer. The thickness of the HMA material shall not be less than 2 inches.

**Basis of Payment**. This work will be paid for at the contract unit price per square yard for TEMPORARY PAVEMENT, 2". The contract unit price shall include all equipment, labor, and materials necessary to complete this work as specified including the cost of removing and disposing of the material used for Temporary Pavement.

## REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

Description: This work shall consist of the removal and disposal of regulated substances according to Section 669 of the Standard Specifications as revised below.

Contract Specific Sites: The excavated soil and groundwater within the areas listed below shall be managed as either "uncontaminated soil", hazardous waste, special waste or non-special waste. For stationing, the lateral distance is measured from centerline and the farthest distance is the offset distance or construction limit, whichever is less.

Soil Disposal Analysis: When the waste material requires sampling for landfill disposal acceptance, the Contractor shall secure a written list of the specific analytical parameters and

analytical methods required by the landfill The Contractor shall collect and analyze the required number of samples for the parameters required by the landfill using the appropriate analytical procedures. The price shall include all sampling materials and effort necessary for collection and management of the samples, including transportation of samples from the job site to the laboratory. The Contractor shall be responsible for determining the specific disposal facilities to be utilized; and collect and analyze any samples required for disposal facility acceptance using a NELAP certified analytical laboratory registered with the State of Illinois.

Soil Management Areas: A preconstruction CCDD Soil Disposal Evaluation was completed for this project. The soil disposal evaluation identified one Soil Management Area for the project that requires special provisions for excavation and disposal of soils from these areas. All other project soils are considered uncontaminated and are certified for CCDD disposal with the LPC-663 included in the bid documents (see APPENDIX). The soil management area is summarized below:

**OAK-B01 Soils Exceeding the Maximum Allowable Concentrations (MACs)**

Soil sample OAK-B01 detected an Arsenic concentration exceeding the MAC for a Metropolitan Statistical Area. Consistent with Art. 669.05 (a)(5) of the IDOT Standard Specifications for Road and Bridge Construction, the soils within this soil management area are considered contaminated and shall be manage and disposed of at a RCRA Subtitle D Landfill as a non-Special waste. The soil management area is defined as:

- Oakland Avenue. From STA. 400+00 to STA. 402+00 From centerline to RT and LT ROW extent

**Method of Measurement and Basis of Payment:** This work will be paid for at the contract unit price per cubic yard for NON-SPECIAL WASTE DISPOSAL. This price shall include all material, equipment, and labor necessary to place and compact the trench backfill as specified.

**HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D1)**

Effective: November 1, 2019
Revised: January 1, 2026

Add the following to the end of Article 406.06(c) of the Standard Specifications:

> " The amount of HMA binder course placed shall be limited to that which can be surfaced during the same construction season."

Revise the fifteenth through eighteenth paragraphs of Article 406.14 of the Standard Specifications to read:

> " The mixture used in constructing acceptable HMA test strips will be paid for at the contract unit price. Unacceptable HMA test strips shall be removed and replaced at no additional cost to the Department."

Revise Article 1004.03(c) to read:

"(c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

| Use | Size/Application | Gradation No. |
|---|---|---|
| Class A-1, A-2, & A-3 | 3/8 in. (10 mm) Seal | CA 16 or CA 20 |
| Class A-1 | 1/2 in. (13 mm) Seal | CA 15 |
| Class A-2 & A-3 | Cover Coat | CA 14 |
| HMA High ESAL | IL-19.0;<br>Stabilized Subbase IL-19.0 | CA 11 [1/] |
| | SMA 12.5 [2/] | CA 13[4/], CA 14, or CA 16 |
| | SMA 9.5 [2/] | CA 13[3/4/] or CA 16[3/] |
| | IL-9.5 | CA 16, CM 13[4/] |
| | IL-9.5FG | CA 16 |
| HMA Low ESAL | IL-19.0L | CA 11 [1/] |
| | IL-9.5L | CA 16 |

1/ CA 16 or CA 13 may be blended with the CA 11.

2/ The coarse aggregates used shall be capable of being combined with the fine aggregates and mineral filler to meet the approved mix design and the mix requirements noted herein.

3/ The specified coarse aggregate gradations may be blended.

4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve."

Revise Article 1004.03(e) of the Standard Specifications to read:

"(e) Absorption. For SMA the coarse aggregate shall also have water absorption ≤ 2.0 percent."

Revise the "High ESAL" portion of the table in Article 1030.01 to read:

| | | |
|---|---|---|
| "High ESAL | Binder Courses | IL-19.0, IL-9.5, IL-9.5FG, IL-4.75,<br>SMA 12.5, SMA 9.5<br>Stabilized Subbase IL-19.0 |
| | Surface Courses | IL-9.5, IL-9.5FG,<br>SMA 12.5, SMA 9.5" |

Revise Note 2. and add Note 6 to Article 1030.02 of the Standard Specifications to read:

"Item Article/Section

(g)Performance Graded Asphalt Binder (Note 6) 1032
(h)Fibers (Note 2)

Note 2. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 6. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein.."

Revise table in Article 1030.05(a) of the Standard Specifications to read:

| "MIXTURE COMPOSITION (% PASSING) [1/] | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sieve Size | IL-19.0 mm | | SMA 12.5 | | SMA 9.5 | | IL-9.5mm | | IL-9.5FG | | IL-4.75 mm | |
| | min | max | min | max | min | max | min | max | min | max | min | max |
| 1 1/2 in (37.5 mm) | | | | | | | | | | | | |
| 1 in. (25 mm) | | 100 | | | | | | | | | | |
| 3/4 in. (19 mm) | 90 | 100 | | 100 | | | | | | | | |
| 1/2 in. (12.5 mm) | 75 | 89 | 80 | 100 | | 100 | | 100 | | 100 | | 100 |
| 3/8 in. (9.5 mm) | | | | 65 | 90 | 100 | 90 | 100 | 90 | 100 | | 100 |
| #4 (4.75 mm) | 40 | 60 | 20 | 30 | 36 | 50 | 34 | 69 | 60 | 75[6/] | 90 | 100 |
| #8 (2.36 mm) | 20 | 42 | 16 | 24 [4/] | 16 | 32[4/] | 34 [5/] | 52 [2/] | 45 | 60[6/] | 70 | 90 |
| #16 (1.18 mm) | 15 | 30 | | | | | 10 | 32 | 25 | 40 | 50 | 65 |
| #30 (600 µm) | | | 12 | 16 | 12 | 18 | | | 15 | 30 | | |
| #50 (300 µm) | 6 | 15 | | | | | 4 | 15 | 8 | 15 | 15 | 30 |
| #100 (150 µm) | 4 | 9 | | | | | 3 | 10 | 6 | 10 | 10 | 18 |
| #200 (75 µm) | 3.0 | 6.0 | 7.0 | 9.0 [3/] | 7.5 | 9.5 [3/] | 4.0 | 6.0 | 4.0 | 6.5 | 7.0 | 9.0 [3/] |
| #635 (20 µm) | | | ≤ 3.0 | | ≤ 3.0 | | | | | | | |
| Ratio Dust/Asphalt Binder | | 1.0 | | 1.5 | | 1.5 | | 1.0 | | 1.0 | | 1.0 |

1/ Based on percent of total aggregate weight.

2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.

3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.

4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.

5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.

6/ When the mixture is used as a binder, the maximum shall be increased by 0.5 percent passing."

Revise Article 1030.05(b) of the Standard Specifications to read:

(b) Volumetric Requirements. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 and SMA mixtures it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

| | Voids in the Mineral Aggregate (VMA), % Minimum for Ndesign | | | | |
|---|---|---|---|---|---|
| Mix Design | 30 | 50 | 70 | 80 | 90 |
| IL-19.0 | | 13.5 | 13.5 | | 13.5 |
| IL-9.5 | | 15.0 | 15.0 | | |
| IL-9.5FG | | 15.0 | 15.0 | | |
| IL-4.75[1/] | | 18.5 | | | |
| SMA-12.5[1/2/5/] | | | | 17.0[3/]/16.0[4/] | |
| SMA-9.5[1/2/5/] | | | | 17.0[3/]/16.0[4/] | |
| IL-19.0L | 13.5 | | | | |
| IL-9.5L | 15.0 | | | | |

1/ Maximum draindown shall be 0.3 percent according to Illinois Modified AASHTO T 305.

2/ The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30°F.

3/ Applies when specific gravity of coarse aggregate is $\geq 2.760$.

4/ Applies when specific gravity of coarse aggregate is $< 2.760$.

5/ For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone"

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

"IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steal slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Revise the first and second paragraphs of Articles 1030.06(c)(2) of the Standard Specifications to read:

"(2) Personnel. The Contractor shall provide a QC Manager who shall have overall responsibility and authority for quality control. This individual shall maintain active certification as a Hot-Mix Asphalt Level II technician.

In addition to the QC Manager, the Contractor shall provide sufficient personnel to perform the required visual inspections, sampling, testing, and documentation in a timely manner. Mix designs shall be developed by personnel with an active certification as a Hot-Mix Asphalt Level III technician. Technicians performing mix design testing and plant sampling/testing shall maintain active certification as a Hot-Mix Asphalt Level I technician. The Contractor may provide a technician trainee who has successfully completed the Department's "Hot-Mix Asphalt Trainee Course" to assist in the activities completed by a Hot-Mix Asphalt Level I technician for a period of one year after the course completion date. The Contractor may also provide a Gradation Technician who has successfully completed the Department's "Gradation Technician Course" to run gradation tests only under the supervision of a Hot-Mix Asphalt Level II Technician. The Contractor shall provide a Hot-Mix Asphalt Density Tester who has successfully completed the Department's "Nuclear Density Testing" course to run all nuclear density tests on the job site."

Add Article 1030.06(d)(3) to the Standard Specifications to read:

"(3) The Contractor shall take possession of any Department unused backup or dispute resolution HMA mixture samples or density specimens upon notification by the Engineer. The Contractor shall collect the HMA mixture samples or density specimens from the location designated by the Engineer and may add these materials to RAP stockpiles according to Section 1031."

Revise the second paragraph of Articles 1030.07(a)(11) and 1030.08(a)(9) of the Standard Specifications to read:

"When establishing the target density, the HMA maximum theoretical specific gravity (Gmm) will be based on the running average of four available Department test results for that project. If less than four Gmm test results are available, an average of all available Department test results for that project will be used. The initial Gmm will be the last available Department test result from a QMP project. If there is no available Department test result from a QMP project, the Department mix design verification test

result will be used as the initial Gmm."

Revise the Quality Control Limits table in Article 1030.09(c) to read:

| CONTROL LIMITS | | | | | | |
|---|---|---|---|---|---|---|
| Parameter | IL-19.0, IL-9.5, IL-9.5FG, IL-19.0L, IL-9.5L | | SMA-12.5, SMA-9.5 | | IL-4.75 | |
| | Individual Test | Moving Avg. of 4 | Individual Test | Moving Avg. of 4 | Individual Test | Moving Avg. of 4 |
| % Passing: 1/ | | | | | | |
| 1/2 in. (12.5 mm) | ± 6 % | ± 4 % | ± 6 % | ± 4 % | | |
| 3/8 in. (9.5mm) | | | ± 4 % | ± 3 % | | |
| # 4 (4.75 mm) | ± 5 % | ± 4 % | ± 5 % | ± 4 % | | |
| # 8 (2.36 mm) | ± 5 % | ± 3 % | ± 4 % | ± 2 % | | |
| # 16 (1.18 mm) | | | ± 4 % | ± 2 % | ± 4 % | ± 3 % |
| # 30 (600 µm) | ± 4 % | ± 2.5 % | ± 4 % | ± 2.5 % | | |
| Total Dust Content # 200 (75 µm) | ± 1.5 % | ± 1.0 % | | | ± 1.5 % | ± 1.0 % |
| Asphalt Binder Content | ± 0.3 % | ± 0.2 % | ± 0.2 % | ± 0.1 % | ± 0.3 % | ± 0.2 % |
| Air Voids 2/ | ± 1.2 % | ± 1.0 % | ± 1.2 % | ± 1.0 % | ± 1.2 % | ± 1.0 % |
| Field VMA 3/ | -0.7 % | -0.5 % | -0.7 % | -0.5 % | -0.7 % | -0.5 % |

1/ Based on washed ignition oven or solvent extraction gradation.

2/ The air voids target shall be 3.2 to 4.8 percent.

3/ Allowable limit below minimum design VMA requirement.

Revise Article 1030.09(g)(2) of the Standard Specifications to read:

"(2) The Contractor shall complete split verification sample tests listed in the Limits of Precision table in Article 1030.09(h)(1)."

In the Supplemental Specifications, replace the revision for the end of the third paragraph of Article 1030.09(h)(2) with the following:

"When establishing the target density, the HMA maximum theoretical specific gravity (Gmm) will be the Department mix design verification test result."

Add after third sentence of Article 1030.09(b) to read:

" If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure."

Revise Table 1 and Note 4/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

| | Breakdown/Intermediate Roller (one of the following) | Final Roller (one or more of the following) | Density Requirement |
|---|---|---|---|
| IL-9.5, IL-9.5FG, IL-19.0 1/ | $V_D$, P , $T_B$, 3W, $O_T$, $O_B$ | $V_S$, $T_B$, $T_F$, $O_T$ | As specified in Section 1030 |
| IL-4.75 and SMA 3/ 4/ | $T_B$, 3W, $O_T$ | $T_F$, 3W | As specified in Section 1030 |
| Mixtures on Bridge Decks 2/ | $T_B$ | $T_F$ | As specified in Articles 582.05 and 582.06. |

"4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers ($T_B$), and/or three-wheel (3W) rollers for breakdown, except one of the ($T_B$) or (3W) rollers shall be 84 inches (2.14 m) wide and a weight of 315 pound per linear inch (PLI) (5.63 kg/mm) and one of the ($T_B$) or (3W) rollers can be substituted for an oscillatory roller ($O_T$). $T_F$ rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and $T_B$ rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for $T_B$ rollers nearest the paver and maintain an effective rolling distance of not more than 150 ft (45 m) behind the paver."

Add the following after the fourth paragraph of Article 406.13 (b):

"The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design's $G_{mb}$."

Revise first paragraph of Article 1030.10 of the Standard Specifications to read:

"A test strip of 300 ton (275 metric tons), except for SMA mixtures it will be 400 ton (363 metric ton), will be required for each mixture on each contract at the beginning of HMA production for each construction year according to the Manual of Test Procedures for Materials "Hot Mix Asphalt Test Strip Procedures". At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results."

Revise fourth paragraph of Article 1030.10 of the Standard Specifications to read:

"When a test strip is constructed, the Contractor shall collect and split the mixture according to the document "Hot-Mix Asphalt Test Strip Procedures". The Engineer, or a representative, shall deliver split sample to the District Laboratory for verification testing. The

Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document "Hot-Mix Asphalt Mixture Design Verification Procedure" Section 3.3. The mixture test results shall meet the requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production. To be considered acceptable to remain in place, the Department's mixture test results shall meet the acceptable limits stated in Article 1030.09(i)(1). In addition, no visible pavement distress such as, but not limited to, segregation, excessive coarse aggregate fracturing outside of growth curves, excessive dust balls, or flushing shall be present as determined by the Engineer."

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

# SPECIAL PROVISION FOR INSURANCE

Effective: February 1, 2007
Revised: August 1, 2007

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

V3 Companies, Ltd

City of Crest Hill

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

# Will County Prevailing Wage Rates posted on 3/2/2026

| | | | | | | Overtime | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trade Title | Rg | Type | C | Base | Foreman | M-F | Sa | Su | Hol | H/W | Pension | Vac | Trng | Other Ins | Add OT 1.5x owed | Add OT 2.0x owed |
| ASBESTOS ABT-GEN | All | ALL | | 51.40 | 52.40 | 1.5 | 1.5 | 2.0 | 2.0 | 18.32 | 17.71 | 0.00 | 0.91 | 0.00 | 0.00 | 0.00 |
| ASBESTOS ABT-MEC | All | BLD | | 42.02 | 45.38 | 1.5 | 1.5 | 2.0 | 2.0 | 16.44 | 16.64 | 0.00 | 0.92 | | 3.37 | 6.73 |
| BOILERMAKER | All | BLD | | 58.91 | 64.21 | 2.0 | 2.0 | 2.0 | 2.0 | 7.07 | 27.02 | 0.00 | 3.69 | 2.31 | 0.00 | 39.30 |
| BRICK MASON | All | BLD | | 53.06 | 58.37 | 1.5 | 1.5 | 2.0 | 2.0 | 12.95 | 26.26 | 0.00 | 1.57 | 0.00 | 4.23 | 8.45 |
| CARPENTER | All | ALL | | 56.71 | 62.38 | 2.0 | 2.0 | 2.0 | 2.0 | 13.64 | 30.98 | 1.77 | 1.04 | | 0.00 | 0.00 |
| CEMENT MASON | All | ALL | | 48.85 | 50.85 | 2.0 | 1.5 | 2.0 | 2.0 | 13.37 | 33.80 | 0.00 | 0.80 | 0.00 | 0.00 | 0.00 |
| CERAMIC TILE FINISHER | All | BLD | | 49.09 | 49.09 | 1.5 | 1.5 | 2.0 | 2.0 | 13.25 | 17.61 | 0.00 | 1.37 | 0.00 | 5.57 | 11.14 |
| CERAMIC TILE LAYER | All | BLD | | 57.04 | 62.04 | 1.5 | 1.5 | 2.0 | 2.0 | 13.25 | 21.60 | 0.00 | 1.50 | 0.00 | 7.63 | 15.26 |
| COMMUNICATION TECHNICIAN | All | BLD | | 46.00 | 50.60 | 1.5 | 1.5 | 2.0 | 2.0 | 17.54 | 18.15 | 0.00 | 0.75 | 2.37 | 0.00 | 0.00 |
| CONCRETE SPECIALIST | All | BLD | | 51.81 | 58.21 | 1.5 | 1.5 | 2.0 | 2.0 | 12.95 | 27.56 | 0.00 | 1.57 | 0.00 | 4.88 | 9.75 |
| CONCRETE SPECIALIST WELDER | All | BLD | | 54.40 | 58.21 | 1.5 | 1.5 | 2.0 | 2.0 | 12.95 | 27.56 | 0.00 | 1.57 | 0.00 | 4.88 | 9.75 |
| ELECTRIC PWR EQMT OP | All | ALL | | 64.58 | 70.87 | 1.5 | 1.5 | 2.0 | 2.0 | 12.99 | 22.45 | 0.00 | 3.66 | 0.00 | 0.00 | 0.00 |
| ELECTRIC PWR GRNDMAN | All | ALL | | 50.37 | 70.87 | 1.5 | 1.5 | 2.0 | 2.0 | 10.13 | 17.51 | 0.00 | 2.85 | 0.00 | 0.00 | 0.00 |
| ELECTRIC PWR LINEMAN | All | ALL | | 64.58 | 70.87 | 1.5 | 1.5 | 2.0 | 2.0 | 12.99 | 22.45 | 0.00 | 3.66 | 0.00 | 0.00 | 0.00 |
| ELECTRICIAN | All | BLD | | 56.00 | 61.04 | 1.5 | 1.5 | 2.0 | 2.0 | 18.13 | 22.93 | 0.00 | 1.35 | 5.40 | 0.00 | 0.00 |
| ELEVATOR CONSTRUCTOR | All | BLD | | 70.68 | 79.52 | 2.0 | 2.0 | 2.0 | 2.0 | 16.28 | 21.36 | 5.65 | 0.80 | | 0.00 | 0.00 |
| GLAZIER | All | BLD | | 53.55 | 55.05 | 1.5 | 2.0 | 2.0 | 2.0 | 16.04 | 26.64 | 0.00 | 2.30 | 0.00 | 0.00 | 0.00 |
| HEAT/FROST INSULATOR | All | BLD | | 56.02 | 59.38 | 1.5 | 1.5 | 2.0 | 2.0 | 16.44 | 19.88 | 0.00 | 0.92 | | 4.99 | 9.97 |
| IRON WORKER | All | ALL | | 52.00 | 57.20 | 2.0 | 2.0 | 2.0 | 2.0 | 14.61 | 30.95 | 0.00 | 1.10 | | 0.00 | 0.00 |
| LABORER | All | ALL | | 51.40 | 52.15 | 1.5 | 1.5 | 2.0 | 2.0 | 18.32 | 17.71 | 0.00 | 0.91 | 0.00 | 0.00 | 0.00 |
| LATHER | All | ALL | | 56.71 | 62.38 | 2.0 | 2.0 | 2.0 | 2.0 | 13.64 | 30.98 | 1.77 | 1.04 | | 0.00 | 0.00 |
| MACHINIST | All | BLD | | 60.39 | 64.39 | 1.5 | 1.5 | 2.0 | 2.0 | 11.43 | 9.95 | 1.85 | 1.47 | 0.00 | 0.00 | 0.00 |
| MARBLE FINISHER | All | ALL | | 40.21 | 54.60 | 1.5 | 1.5 | 2.0 | 2.0 | 12.95 | 23.81 | 0.00 | 0.98 | 0.00 | 3.00 | 6.00 |
| MARBLE SETTER | All | BLD | | 52.00 | 57.20 | 1.5 | 1.5 | 2.0 | 2.0 | 12.95 | 25.57 | 0.00 | 1.25 | 0.00 | 3.88 | 7.76 |
| MATERIAL TESTER I | All | ALL | | 41.40 | | 1.5 | 1.5 | 2.0 | 2.0 | 18.32 | 17.71 | 0.00 | 0.91 | 0.00 | 0.00 | 0.00 |
| MATERIALS TESTER II | All | ALL | | 46.40 | | 1.5 | 1.5 | 2.0 | 2.0 | 18.32 | 17.71 | 0.00 | 0.91 | 0.00 | 0.00 | 0.00 |

# Will County Prevailing Wage Rates posted on 3/2/2026

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MILLWRIGHT | All | ALL | | 56.71 | 62.38 | 2.0 | 2.0 | 2.0 | 2.0 | 13.64 | 30.98 | 1.77 | 1.04 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | BLD | 1 | 64.80 | 68.80 | 2.0 | 2.0 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | BLD | 2 | 63.50 | 68.80 | 2.0 | 2.0 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | 0.00 | 0.00 | 0.00 |
| OPERATING ENGINEER | All | BLD | 3 | 60.95 | 68.80 | 2.0 | 2.0 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | BLD | 4 | 59.20 | 68.80 | 2.0 | 2.0 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | BLD | 5 | 68.55 | 68.80 | 2.0 | 2.0 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | BLD | 6 | 65.80 | 68.80 | 2.0 | 2.0 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | BLD | 7 | 67.80 | 68.80 | 2.0 | 2.0 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | FLT | 1 | 73.95 | 73.95 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | FLT | 2 | 72.45 | 73.95 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | FLT | 3 | 67.95 | 73.95 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | FLT | 4 | 63.45 | 73.95 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | FLT | 5 | 75.45 | 73.95 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | FLT | 6 | 63.45 | 73.95 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | HWY | 1 | 63.00 | 67.00 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | HWY | 2 | 62.45 | 67.00 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | HWY | 3 | 60.40 | 67.00 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | HWY | 4 | 59.00 | 67.00 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | HWY | 5 | 57.80 | 67.00 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | HWY | 6 | 66.00 | 67.00 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| OPERATING ENGINEER | All | HWY | 7 | 64.00 | 67.00 | 1.5 | 1.5 | 2.0 | 2.0 | 24.70 | 21.55 | 2.00 | 2.75 | | 0.00 | 0.00 |
| PAINTER | All | ALL | | 54.30 | 61.09 | 1.5 | 1.5 | 1.5 | 2.0 | 16.26 | 17.59 | 0.00 | 1.86 | 0.00 | 0.00 | 0.00 |
| PAINTER - SIGNS | All | BLD | | 48.16 | 54.11 | 1.5 | 1.5 | 2.0 | 2.0 | 8.20 | 16.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PILEDRIVER | All | ALL | | 56.71 | 62.38 | 2.0 | 2.0 | 2.0 | 2.0 | 13.64 | 30.98 | 1.77 | 1.04 | | 0.00 | 0.00 |
| PIPEFITTER | All | BLD | | 58.50 | 61.50 | 1.5 | 1.5 | 2.0 | 2.0 | 15.15 | 22.85 | 0.00 | 3.12 | 0.00 | 0.00 | 0.00 |
| PLASTERER | All | BLD | | 51.10 | 54.17 | 1.5 | 1.5 | 2.0 | 2.0 | 18.43 | 22.10 | 0.00 | 1.25 | 0.00 | 0.00 | 0.00 |
| PLUMBER | All | BLD | | 60.50 | 64.15 | 1.5 | 1.5 | 2.0 | 2.0 | 19.10 | 17.94 | 0.00 | 1.98 | | 0.00 | 0.00 |
| ROOFER | All | BLD | | 52.00 | 57.00 | 1.5 | 1.5 | 2.0 | 2.0 | 12.80 | 18.19 | 0.00 | 1.14 | 0.00 | 0.00 | 0.00 |
| SHEETMETAL WORKER | All | BLD | | 58.83 | 63.54 | 1.5 | 1.5 | 2.0 | 2.0 | 17.16 | 19.90 | 0.00 | 1.79 | 2.62 | 0.00 | 0.00 |
| SPRINKLER FITTER | All | BLD | | 63.20 | 65.95 | 1.5 | 1.5 | 2.0 | 2.0 | 15.45 | 19.95 | 0.00 | 1.15 | 0.00 | 0.00 | 0.00 |

# Will County Prevailing Wage Rates posted on 3/2/2026

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STONE MASON | All | BLD | | 53.06 | 58.37 | 1.5 | 1.5 | 2.0 | 2.0 | 12.95 | 26.26 | 0.00 | 1.57 | 0.00 | 4.23 | 8.45 |
| SURVEY WORKER | All | BLD | | 58.45 | 59.45 | 1.5 | 1.5 | 2.0 | 2.0 | 19.10 | 14.40 | 0.00 | 1.59 | | 0.00 | 0.00 |
| SURVEY WORKER | All | HWY | | 58.45 | 59.45 | 1.5 | 1.5 | 2.0 | 2.0 | 19.10 | 14.40 | 0.00 | 1.59 | | 0.00 | 0.00 |
| TERRAZZO FINISHER | All | BLD | | 51.44 | 51.44 | 1.5 | 1.5 | 2.0 | 2.0 | 13.25 | 18.87 | 0.00 | 1.41 | 0.00 | 4.45 | 8.89 |
| TERRAZZO MECHANIC | All | BLD | | 55.35 | 58.85 | 1.5 | 1.5 | 2.0 | 2.0 | 13.25 | 20.26 | 0.00 | 1.46 | 0.00 | 4.70 | 9.39 |
| TRAFFIC SAFETY WORKER I | All | HWY | | 43.40 | 45.40 | 1.5 | 1.5 | 2.0 | 2.0 | 10.08 | 10.08 | 0.00 | 1.05 | 0.00 | 0.00 | 0.00 |
| TRAFFIC SAFETY WORKER II | ALL | HWY | | 44.40 | 46.40 | 1.5 | 1.5 | 2.0 | 2.0 | 10.08 | 10.08 | 0.00 | 1.05 | 0.00 | 0.00 | 0.00 |
| TRUCK DRIVER | All | ALL | 1 | 47.95 | 48.50 | 1.5 | 1.5 | 2.0 | 2.0 | 12.15 | 14.31 | 0.00 | 0.35 | 0.00 | 0.00 | 0.00 |
| TRUCK DRIVER | All | ALL | 2 | 48.10 | 48.50 | 1.5 | 1.5 | 2.0 | 2.0 | 12.15 | 14.31 | 0.00 | 0.35 | | 0.00 | 0.00 |
| TRUCK DRIVER | All | ALL | 3 | 48.30 | 48.50 | 1.5 | 1.5 | 2.0 | 2.0 | 12.15 | 14.31 | 0.00 | 0.35 | 0.00 | 0.00 | 0.00 |
| TRUCK DRIVER | All | ALL | 4 | 48.50 | 48.50 | 1.5 | 1.5 | 2.0 | 2.0 | 12.15 | 14.31 | 0.00 | 0.35 | 0.00 | 0.00 | 0.00 |
| TUCKPOINTER | All | BLD | | 52.53 | 53.53 | 1.5 | 1.5 | 2.0 | 2.0 | 11.05 | 23.16 | 0.00 | 1.46 | 0.00 | 0.00 | 0.00 |

**Legend**

**Rg** Region
**Type** Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers
**C** Class
**Base** Base Wage Rate
**OT M-F** Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.
**OT Sa** Overtime pay required for every hour worked on Saturdays
**OT Su** Overtime pay required for every hour worked on Sundays
**OT Hol** Overtime pay required for every hour worked on Holidays
**H/W** Health/Welfare benefit
**Vac** Vacation
**Trng** Training
**Other Ins** Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations WILL COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

# Will County Prevailing Wage Rates posted on 3/2/2026

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice, sound and vision production and reproduction, telephone and telephone interconnect, facsimile, equipment and appliances used for domestic, commercial, educational and entertainment purposes, pulling of wire through conduit but not the installation of conduit.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of

interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under: Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

# Will County Prevailing Wage Rates posted on 3/2/2026

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small

Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

SURVEY WORKER

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking.

SURVEY FOREMAN

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking; oversees survey crew operations; and/or coordinates work of survey crews.

TRAFFIC SAFETY Worker I

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

# Will County Prevailing Wage Rates posted on 3/2/2026

TRAFFIC SAFETY WORKER II

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yeards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

## Will County Prevailing Wage Rates posted on 3/2/2026

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

August 25, 2022

# CITY OF CREST HILL
# DIVISION 100

## GENERAL REQUIREMENTS AND COVENANTS

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# SECTION 1. DEFINITION OF TERMS

## 1-1 DESCRIPTION

When a standard specification number is used in the Specifications it shall be taken to mean the latest revision of that Standard Specification at the time of the Bid.

Whenever in the specifications and Contract the following terms, or pronouns in place of them, are used, the intent and meaning shall be interpreted as follows:

## 1-2 ABBREVIATIONS

The following organizations are referred to in this specification by abbreviations of the titles. Additional information noted but not detailed can be obtained from these organizations by writing to them.

| | |
|---|---|
| ASTM | American Society for Testing and Materials<br>1916 Race Street<br>Philadelphia, Pennsylvania 19103 |
| ASSHTO | The American Association of State Highway and Transportation Officials<br>917 National Press Building<br>Washington, D.C. 20004 |
| AWWA | American Water Works Association<br>6666 West Quincy Avenue<br>Denver, Colorado 80235 |
| NSF | National Sanitation Test Laboratory Foundation<br>Box 1478<br>Ann Arbor, Michigan |
| ANSI | American National Standards Institute<br>1430 Broadway<br>New York, New York 10018 |
| IDOT | Illinois Department of Transportation<br>2300 South Dirksen Parkway<br>Springfield, Illinois 62764 |
| FHWA | Federal Highway Administration<br>DOT Building, 400 Seventh St., S.W.<br>Washington, D.C. 20590 |
| OSHA | Occupational Safety and Health Act |
| MWRDGC | The Metropolitan Water Reclamation District of Greater Chicago<br>100 East Erie Street<br>Chicago, Illinois 60611 |

| | |
|---|---|
| CONSULTANT | ENGINEERING CONSULTANT |
| ISO | Insurance Services Office |

**1-3 ADDENDA**

Written or graphic instruments issued prior to the execution of the Agreement, which modify or interpret the Contract Documents, Drawings, and Specifications by additions, deletions, clarifications or corrections.

**1-4 AWARD**

The decision of the City to accept the proposal of the lowest responsive, responsible bidder for the work, subject to the execution of and approval of a satisfactory Contract therefore, and bond to secure the performance thereof, and to such other conditions as may be specified or otherwise required by law.

**1-5 BASE COURSE**

The layer or layers of specified or selected material of designed thickness placed on a sub-base or a subgrade to support the surface course.

**1-6 BITUMINOUS PAVEMENT**

A pavement structure which maintains intimate contact and distributes loads to the subgrade and depends upon aggregate interlock particle friction and cohesion for stability, and a pavement structure which includes a bituminous concrete surface course over a bituminous concrete base course or a portland cement concrete base course.

**1-7 BIDDER**

Any individual, firm, partnership or corporation submitting a proposal for the Work contemplated, acting directly or through a duly authorized representative.

**1-8 CONTRACT**

The written agreement between the City and the Contractor setting forth the obligations of the parties thereunder, including, but not limited to, the performance of the Work (the furnishing of labor and materials, and the basis of payment).

The Contract includes such of the following document parts as may be utilized. These document parts so utilized will be as fully part of the Contract as if therein set out verbatim, or, if not attached, as if attached thereto. The controlling order of priority for these documents on the project is as follows (e.g., A is controlling over B-N, etc.):

A. Supplemental Agreements (Change Order)
B. Addenda
C. Special Conditions of Contract
D. General Conditions of Contract

E. Special Provisions to the Specifications
F. Detailed Specifications
G. Complete Project Plans or Drawings
H. General Specifications
I. Contract
J. Contractor's Contract Bond
K. Contractor's Proposal
L. Notice to Proceed
M. Notice of Award
N. Notice to Bidders

**1-9 CONTRACTOR**

The Bidder awarded the Contract for the Work.

**1-10 CONTRACT BOND**

The approved form of security furnished by the Contractor and his surety as a guaranty that he will execute the Work in accordance with the terms of the Contract.

**1-11 CORPORATION**

With respect to the execution and performance of the Contract, a corporate body authorized or licensed to do business in the State of Illinois

**1-12 CULVERT**

A drainage structure extending across and beneath a traveled way and having a tubular or box-type cross-section open on both ends.

**1-13 ENGINEER**

CONSUTING ENGINEER. or an engineer of a municipality, including such assistants as are authorized to represent them, who represents the City during the construction phase activities of the Work.

**1-14 FORCE MAIN**

A pipe constructed or used to carry sewage under pressure.

**1-15 ENGINEERING OBSERVER**

The authorized representative of the City or of the Engineer assigned to observe the progress of the Work to determine only if the Work is proceeding in accordance with the technical plans and specifications.

**1-16 LABORATORY**

An established testing laboratory approved by the Engineer.

**1-17 MANHOLE**

A vertical enclosed structure providing access to a pipe line or other structure.

**1-18 NOTICE TO BIDDERS**

The official notice, included in the proposal form, inviting bids for the proposed improvement, including a brief description of the Work.

**1-19 CITY**

The governmental body, corporation, partnership or individual initiating the project, acting through its legally constituted officials, officers or employees. The Department as referenced in the State Specifications.

**1-20 PAVEMENT STRUCTURE**

The combination of sub-base, base course and surface course placed on a sub-grade to support the traffic load and distribute it to the roadbed.

**1-21 PLANS**

All official drawings or reproductions of drawings pertaining to the Work provided for in the contract.

**1-22 PLUMBING**

Plumbing shall be as defined in the latest adopted Illinois State Plumbing Code, copies of which are available from the Illinois Department of Public Health, Division of Engineering and Sanitation, 535 West Jefferson Street, Springfield, Illinois 62706.

**1-23 PROPOSAL {BID}**

The written offer of the Bidder to perform the proposed Work.

**1-24 PROPOSAL GUARANTY**

The security designated in the proposal to be furnished by the Bidder as a guaranty that said Bidder will enter into a Contract with the City for the acceptable performance of the Work and will furnish the required Contract Bond, if the Work is awarded to him.

**1-25 RAILROAD**

The Railroad or Railway Company whose property is involved in the Work.

**1-26 RIGHT-OF-WAY AND EASEMENTS**

The areas owned, or acquired by permanent easement; also, the areas acquired by temporary easement during the time the easement is in effect.

**1-27 SEWER, COMBINED**

Any sewer constructed or used for the purpose of carrying both storm water and waterborne wastes to a treatment facility.

**1-28 SEWER, SANITARY**

Any sewer constructed or used for the purpose of carrying waterborne wastes to a treatment facility.

***1-29 SEWER, SERVICE***

A branch sanitary sewer line constructed from the main sanitary sewer line to a point described in the Special Provisions or Plans or to a point established by the Engineer.

**1-30 SEWER, STORM**

A sewer constructed or used for carrying storm water or sub-surface water to a storm water outlet.

**1-31 SPECIAL PROVISIONS**

Specific directions, provisions, requirements and revisions of the Specifications peculiar to the Work under consideration which are not satisfactorily provided for in the Specifications. The Special Provisions set forth the final contractual intent as to the matter involved. The Special Provisions included in the Contract shall not operate to annul those portions of the Specifications with which they are not in conflict.

**1-32 SPECIFICATIONS**

The body of directions, provisions and requirements contained herein, or in any supplement to this document referred to in the Special Provisions, together with written agreements and all documents of any description made or to be made pertaining to the method or manner of performing the Work, the quantities or the quality of materials to be furnished under the contract.

**1-33 STATE SPECIFICATIONS**

IDOT, Standard Specifications for Road and Bridge Construction, latest edition at the time of Bid. This book outlines the general requirements and covenants to all improvements, as well as provisions referring to materials, equipment and construction requirements for individual items of work.

**1-34 SUBCONTRACTOR**

The individual, firm, partnership or corporation to whom the Contractor, with the written consent of the Engineer, sublets, assigns, or otherwise disposes of any part of the Work covered by the contract.

**1-35 SUB-BASE**

The layer or layers of specified or selected material of designed thickness placed on a sub-grade to support a base course.

**1-36 SUB-GRADE**

The top of surface of a roadbed upon which the pavement structure and shoulders are constructed.

**1-37 SUPPLEMENTAL AGREEMENT**

The written agreement executed by the City and the Contractor, with the assent of the Contractor's surety, covering modifications or alterations of the terms of the original Contract.

**1-38 SUPPLIER**

Any person or organization who supplies materials or equipment for the Work including that fabricated to a special design.

**1-39 SURETY**

The corporate body, individual or individuals which engage to be responsible for the Bidder's acts in the execution of the Contract in the event of its being awarded to him; or, which are bound with and for the Contractor to insure his acceptable performance of the Contract, his payment of all obligations pertaining to the Work, and his fulfillment of such other conditions as may be specified or otherwise required by law.

**1-40 SURFACE COURSE**

One or more layers of a pavement structure designed to accommodate the traffic load, the top layer of which resists skidding, traffic abrasion, and the disintegrating effects of climate. The top layer is sometimes called "wearing course".

**1-41 WATER MAIN**

A pipe constructed or used to carry potable water under pressure.

**1-42 WATER SERVICE LINE**

That line connected to the water main, which delivers potable water to the user's facilities.

**1-43 THE WORK**

The improvement advertised for bids, described in the Proposal form, indicated on the Plans and covered in the Specifications, Special Provisions, Contract, authorized alterations, extensions and deductions, and supplementary agreements, or any part or parts thereof.

## SECTION 2. PROPOSAL REQUIREMENT AND CONDITIONS

### 2-1 CONTENTS OF THE PROPOSAL FORM

Bidders will be furnished with forms stating the location and description of the Work contemplated, the approximate quantities of Work to be performed, the amount of the Proposal Guarantee, requirements pertaining to labor, and the date, time and place of filing and opening Proposals. All documents bound with or attached to the proposal shall be considered a part thereof, and shall not be detached or altered.

### 2-2 INTERPRETATION OF ESTIMATE OF QUANTITIES

An estimate of quantities of Work to be done and materials to be furnished under the Specifications is given in the Proposal. It is given as a basis for comparison of Proposals and the award of the Contract. The City and Engineer do not expressly or by implication agree that the actual quantities involved will correspond therewith; nor shall the Bidder plead misunderstanding or deception because of such estimate of quantities pertaining to the Work.

Payment will be based on the actual quantities of Work performed in accordance with Contract, at the Contract unit prices specified. No allowance will be made for any change in anticipated profits due to an increase or decrease in the original estimate of quantities. The City reserves the right to omit any item or items, or to increase or decrease any or all items as provided in Section 4-3.

### 2-3 EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND SITE OF WORK

The bidder shall, before submitting his bid, carefully examine the Proposal, Plans, Specifications, Special Provisions, and form of Contract and bond. He shall inspect in detail the site of the proposed Work and familiarize himself with all the local conditions affecting the Contract and the detailed requirements of construction. If his Bid is accepted, he will be responsible for all errors in his Proposal resulting from his failure or neglect to comply with these instructions. The City or Engineer will, in no case, be responsible for any change in anticipated profits resulting from such failure or neglect.

When the Plans or Special Provisions include information pertaining to sub-surface exploration, borings, test pits, and other preliminary investigations, such information is included only for the convenience of the Bidder. The City or Engineer assumes no responsibility whatever in respect to the sufficiency of the information, and there is no guaranty, either expressed or implied, that the conditions indicated are representative of those existing throughout the Work, or that unanticipated developments may not occur.

When the Plans or Special Provisions include information pertaining to the location of underground utility facilities, such information is only included for the convenience of the Bidder. The City or Engineer assumes no responsibility whatever in respect to the sufficiency or accuracy of the information, or lack of information, shown on the Plans relative to the location of underground utility.

facilities. It shall be the Contractor's responsibility to obtain from the respective utility companies detailed information of the location of their facilities and the work schedules of the utility companies for removing or adjusting them.

**2-4 ENGINEER'S ESTIMATE**

The Engineer's "Estimate of Cost" as prepared for the City for the work to be completed under this contract may or may not be available to the Bidders at the discretion of the City or the Engineer. If the "Estimate of Cost" is available, it shall be given to all prospective bidders upon request.

**2-5 PREPARATION OF THE PROPOSAL**

The Bidder shall submit his Proposal on the form furnished by the City. The Proposal shall be executed properly, and Bids shall be made for all items indicated in the proposal form, except that when alternate bids are asked, a Bid on more than one alternate for each item is not required, unless the Special Provisions provide otherwise. The Bidder shall indicate, in figures, a unit price or lump sum for each of the separate items called for in the Proposal; he shall show the products of respective quantities and unit prices in the column provided for that purpose, and the gross sum shown in the place indicated in the Proposal shall be the summation of said products. All writing shall be with ink or typewriter, except the signature of the bidder, which shall be written with ink.

If the Proposal is made by an individual, his name and post office address shall be shown. If made by a firm, joint venture, or partnership, the name and post office address of each member of the firm, joint venture, or partnership shall be shown. If made by a corporation, the Proposal shall show the names, titles, and business addresses of the president, secretary, and treasurer, certified to by the secretary.

**2-6 MULTIPLE BIDS**

If multiple Bids are to be received, bidding shall be in accordance with the instructions in the Special Provisions

**2-7 REJECTION OF PROPOSALS**

Proposals that contain omissions, erasures, alterations, additions not called for, conditional or alternate bids unless called for, irregularities of any kind, or proposals otherwise regular which are not accompanied by the proper proposal guaranty shall be rejected as informal or insufficient. However, the City reserve the right to reject any or all Proposals and to waive such technical error as may be deemed best for the interest of the City.

**2-8 PROPOSAL GUARANTY**

Each proposal shall be accompanied by a bid bond, bank draft, bank cashier's check, or properly certified check for not less than ten per cent (10%) of the amount Bid unless otherwise specified in the Special Provisions.

If a multiple Bid is submitted, the bid bond, bank draft, bank cashier's check, or certified checks, which accompany the individual Proposals making up the combination, will be considered as also covering the multiple Bid.

See Paragraph 3-3 regarding return of Proposal Guaranty.

The bid bond, bank draft, cashier's checks, or certified checks accompanying Proposals shall be made payable to the City.

**2-9 DELIVERY OF PROPOSALS**

Proposals shall be delivered prior to the time and at the place indicated in the notice to bidders. Each Proposal shall be placed in an envelope sealed and plainly marked to indicate its contents. Only sealed Proposals will be accepted.

Proposals will not be opened unless received at the place of letting and prior to the time stated in the Notice to Bidders.

**2-10 WITHDRAWAL OF PROPOSALS**

Permission will be given a Bidder to withdraw a Proposal if he makes his request in writing before the time for opening Proposals. If a Proposal is withdrawn, the Bidder will not be permitted to submit another Proposal for the same Work at the same letting.

**2-11 WITHDRAWAL OF PROPOSAL GUARANTY**

See Paragraphs 3-2 and 3-3 on award of Contract and return of Proposal Guaranty.

**2-12 PUBLIC OPENING OF PROPOSALS**

Unless otherwise specified, Proposals will be opened and read publicly at the time and placed specified in the Notice to Bidders. Bidders, their authorized agents, and other interested parties are invited to be present.

**2-13 DISQUALIFICATION OF BIDDERS**

Any one or more of the following causes may be considered as sufficient for the disqualification of a Bidder and rejection of his Proposal.

A. More than one Proposal for the same Work from an individual, firm, partnership, or corporation under the same or different names.

B. Evidence of collusion among bidders.

C. Unbalanced Proposals in which the prices for some items are substantially out of proportion to the prices for other items.

D. Failure to submit a unit price for each item of Work listed in the Proposal.

E. If the Proposal form is other than that furnished by the City or if the form is altered or any part thereof is detached.

F. If there are omissions, erasures, alterations, unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the Proposal incomplete, indefinite or ambiguous as to its meaning.

G. If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.

H. If the Proposal is not accompanied by the proper proposal guaranty.

I. If the Proposal is prepared with other than ink or typewriter.

J. Lack of competency as revealed by financial statement or experience questionnaire.

K. Unsatisfactory performance record as shown by past work judged from the standpoint of workmanship and progress.

L. Uncompleted work, which, in the judgment of the City, might hinder or prevent the prompt completion of additional work.

M. False information provided on a Bidder's "Contractor's Statement."

N. Failure to comply with any prequalification regulations of the City.

O. Default under previous contracts.

**2-14 COMPETENCY OF BIDDERS**

The Bidder, if a corporation, shall show the name of the State in which the corporation is chartered. Each Bidder shall furnish the City within two (2) weeks after request, with satisfactory evidence of his competency to perform the Work contemplated. When requested, he shall submit to the City a financial statement prepared by a Certified Public Accountant showing his financial condition at the end of his past fiscal year. The accountant who prepares the statement shall certify that he holds a valid and unrevoked certificate as a Certified Public Accountant, issued in accordance with the laws of the State in which he is licensed. The Bidder, if requested, shall also answer and submit questionnaires relating to his experience and available equipment for performing construction work similar to that for which he is offering a proposal, and shall do so within the same two weeks from the time of request.

Before an award is made, the Bidder may, at the option of the City be required to furnish a statement showing the value of all uncompleted work for which he has entered into contracts.

**2-15 MATERIAL SUBSTITUTIONS**

If restrictions of any governmental authority prohibit the use of certain items that are required by the Plans and Specifications, substitution for such items will be determined by the City.

Each Bidder shall base his bid on the furnishing of all items exactly as shown on the Plans and as described in the Specifications. The successful Bidder will not be authorized to make any substitutions on his own volition, but in each and every case must obtain a properly authorized change order from the City on his Contract before installing any work in variance with the Contract requirements.

### 2-16 CONTRACTOR'S UNDERSTANDING

It is understood and agreed that the Contractor has, by careful examination, satisfied himself as to the nature and location of the work, the conformation of the ground, the character, quality and quantity of the materials to be encountered, the character of equipment and facilities needed preliminary to and during the prosecution of the Work, the general and local conditions, and all other matters which can in any way affect the Work under this Contract. No verbal agreement or conversation with any officer, agent, or employee of the City and Engineer, either before or after the execution of this Contract, shall affect or modify any of the terms or obligations herein contained.

### 2-17 STATUS OF RIGHT-OF-WAY, EASEMENT AND CONSTRUCTION EASEMENT ACQUISITION

Each bidder is instructed to fully acquaint himself with the status of the right-of-way, easement and construction easement acquisition at the time of submission of his proposal and the possibility of the acquisition of the parcels remaining to be acquired, if any, in time so as not to interfere with the progress of his work under this contract, and the City shall not be liable to any damage that may occur to him for any and all delay through delay of the City in securing the necessary right-of-way, easement and construction easement.

The City agrees that it will make every effort to acquire any right-of-way, easement and construction easement with all speed and diligence possible.

## SECTION 3. AWARD AND EXECUTION OF CONTRACT

### 3-1 CONSIDERATION OF PROPOSALS

The proposals received will be compared on the basis of the summation of the products of the items of Work listed and the unit prices offered. In case of discrepancy between the gross sum shown in the Proposal prices, the unit prices shall govern, and any errors found in said products shall be corrected. In awarding Contracts, the City will, in addition to considering the amounts stated in the Proposals, take into consideration the responsibility of the various Bidders as determined from a study of the data required under the previous article and from other investigations, which the City may elect to make.

### 3-2 AWARD OF CONTRACT

Except in cases where the City exercises the right reserved to reject any or all Proposals, the Contract will be awarded by the City, as soon as practicable after the opening of Proposals.

Unless otherwise specified, if a Contract is not awarded within forty- five (45) days after the opening of Proposals, a Bidder may file a written request with the City for the withdrawal of his bid or award date may be extended by mutual consent of the City and Bidder. The City will have a maximum of ten (10) days after the receipt of such request to award the Contract or release the Bidder from further obligation by return of the Bidder's Proposal Guaranty.

### 3-3 RETURN OF PROPOSAL GUARANTY

The Proposal Guaranties of all except the two lowest Bidders will be returned promptly after the Proposals have been checked. Proposal Guaranties of the two lowest Bidders will be returned as soon as the Contract and Bond of the successful bidder have been properly executed and approved.

If Contracts cannot be awarded promptly, the City shall permit the two (2) lowest Bidders to substitute for the bank cashier's checks, or certified checks which they may have submitted with their Proposals as Proposal Guaranties, a bid bond executed by a corporate surety company satisfactory to the City, but such substitutions shall not be made until a period of three (3) days has elapsed after the date of opening Proposals.

**3-4 REQUIREMENT OF CONTRACT BOND**

The successful Bidder, at the time of the execution of the Contract, shall deposit with the City a surety bond for the full amount of the Contract. The form of bond shall be that furnished by the City, and the surety shall be acceptable to the City.

**3-5 EXECUTION OF THE CONTRACT**

The contract shall be executed by the successful Bidder. The bond, when required, shall be executed by the principal and the sureties, and executed Contract and Contract Bond shall be presented to the City within fifteen (15) days after the date of notice of the award of the Contract.

Each Contract must be executed in three (3) original counterparts, and there shall be executed original counterparts of the Contract Bond in equal number to the executed original counterparts of the Contract. One (I) copy each of such executed documents will be retained by the City and the Engineer, the third will be delivered to the Contractor.

**3-6 FAILURE TO EXECUTE CONTRACT**

Failure on the part of the successful Bidder to execute a Contract and an acceptable Contract Bond and acceptable insurance certificates as provided herein, within fifteen (15) days from the date of receipt of Contract documents from the City will be considered as just cause for the annulment of the award and the forfeiture of the proposal guaranty to the City, not as a penalty but in payment of liquidated damages sustained as a result of such failure.

## SECTION 4. SCOPE OF WORK

### 4-1 INTENT OF THE PLANS AND SPECIFICATIONS

The intent of the contract is to prescribe a complete outline of work which the Contractor undertakes to do in full compliance with the contract, plans and specifications. The Contractor shall furnish all required materials, equipment, tools, labor, and incidentals, unless otherwise provided in the contract, and shall include the cost of these items in the unit prices bid for the several units of work. Contractor shall be solely responsible for all safety procedures and safety violations. The quantities appearing in the bid schedule of prices are estimates prepared for the establishment of pay item prices and the comparison of bids. Payment to the Contractor will be made for the actual measured quantities performed and accepted or material furnished and accepted according to the contract, and the scheduled quantities may be increased, decreased, or omitted as herein provided.

Under no circumstances shall the Contractor exceed any established pay item quantity without notification to the Engineer and receipt of written authorization as provided herein.

The latest edition of the State Specifications and Standard Specifications for Water and Sewer Construction in Illinois shall be the basis and govern this contract unless otherwise provided by special provision or exception.

### 4-2 SPECIAL WORK

Should any construction or requirement not covered by the Specifications be anticipated on any proposed Work, Special Provisions for the same will be prepared and included in the Proposal form, which Special Provisions shall be considered as a part of the Specifications the same as though contained fully herein.

### 4-3 CHANGES

The City reserves the right to make, in writing, at any time during work, changes in quantities, alterations in work, and the performance of extra work to satisfactorily complete the project. Such changes in quantities, alterations, and extra work shall not invalidate the contract nor release the surety, and the Contractor agrees to perform the work as altered.

If the alterations or changes in quantities significantly change the character of the work under the contract, whether or not changed by any such different quantities or alterations, an adjustment, excluding loss of anticipated profits, will be made to the contract. The basis for the adjustment shall be agreed upon prior to the performance of the work. If a basis cannot be agreed upon, then an adjustment will be made either for or against the Contractor in such amount as the City may determine to be fair and equitable.

If alterations or changes in quantities do not significantly change the character of the work to be performed under contract, the altered work will be paid for as provided elsewhere in the contract.

The term "significant change" shall be construed to apply only when the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction or when a major item, defined as an item whose total original contract costs exceeds ten percent of the

total original contract amount, is increased in excess of 125 percent or decreased below 75 percent of the original contract quantity.

All alterations, cancellations, extensions, and deductions shall be authorized in writing by the City before work is started. Such authorizations shall set up the items of work involved and the method of payment for each item.

The Contractor shall accept payment for alterations which result in an increase or decrease in the quantities of work to be performed according to the following:

A. All increases in work of the type which appear in the contract as pay items accompanied by unit prices will, except as provided under paragraph (C) herein, be paid for at the contract unit prices. Decreases in quantities included in the contract will be deducted from the contract at the unit bid prices. No allowance will be made for delays or anticipated profits.

B. Major items of work for which the quantities are increased by not more than 125 percent or reduced to not less than 75 percent of the original contract quantities will be paid for as specified in paragraph (a) above. Any adjustments for increased quantities for major items of work increased more than 125 percent shall only apply to that portion in excess of 125 percent of original contract quantities. Any adjustments made for major items of work which are decreased to less than 75 percent of the original contract quantities shall apply to the actual amount of work performed.

C. Extra work which is not included in the contract as pay items at unit prices and is not included in other items of the contract will be paid for according to Section 9-4.

**4-4 PERIODIC AND FINAL CLEANUP**

From time to time or as may be ordered by the City and immediately after completion of the Work, the Contractor shall at his own expense clean up and remove all refuse and unused materials of any kind resulting from the Work. Upon failure to do so within five (5) working days after receipt of written request from the City, the Work may be done by the City and the cost thereof be charged to the Contractor and be deducted from his Contract price. Upon completion of the Work, the Contractor shall remove all his equipment and put the area of the Work in a neat and clean condition and do all other cleaning required to complete the Work in a workmanlike manner, ready for use and satisfactory to the City.

All Cleanup shall be performed as specified in the various sections of these Specifications or in the Special Provisions.

**4-5 LUMP SUM CONTRACTS**

On lump sum Contract, when specified in Special Provisions, or Contracts containing lump sum items, the lump sum contract price shall include the furnishing and installation of all Work described in the Specifications and/or shown on the Plans.

**4-6 LOCAL ORDINANCES AND REGULATIONS**

The Contractor shall keep himself fully informed of all existing laws, ordinances, and regulations of the municipality affecting the work and/or material of this Contract. If any inconsistency is discovered between the Plans, Specifications and those covered by local municipal laws, ordinances, or regulations, it shall be reported to the City and Engineer.

**4-7 PREFERENCE TO VETERANS**

Attention is called to assure compliance with Illinois Revised State Chapter 126 Section 23. Preference to veterans upon public works: "In the employment and appointment to fill positions in the construction, addition to, or alteration of all public works undertaken or contracted for by the state, or by any political subdivision thereof, preference shall be given to persons who were engaged in the military or naval service of the United States in time of war".

## SECTION 5. CONTROL OF THE WORK

### 5-1 PLANS AND WORKING DRAWINGS

The Contractor shall submit to the Engineer such shop, working, or layout drawings pertaining to the construction of the Work, as may be required. These drawings shall be reviewed by Engineer for general conformance with the design concept only. This review by the Engineer does not relieve the Contractor and/or fabricator/vendor of responsibility for conformance with the Contract documents (see 1-8) and applicable codes, all of which have priority over these shop, working and layout drawings. Corrections or comments made on the shop drawings by the Engineer during this review process do not relieve the Contractor from compliance with the requirements of the Contract documents (1-8) and applicable codes.

When the Contract includes Work adjacent to a railroad and false work, cofferdams, or sheeting is required, the Contractor shall submit to the Engineer for his approval and the Railroad Engineer's approval, plans for the false work, cofferdams, or sheeting by a Registered Structural Engineer. It shall be the responsibility of the Contractor to contact the railroad to determine how to meet their requirements. The cost of meeting those requirements shall be borne by the Contractor. The plans shall be submitted sufficiently in advance of the time the Contractor intends to start work to permit checking. No such work shall be started prior to receipt by the Contractor of approval of the Plans for the false work, cofferdams, or sheeting.

The cost of furnishing such Drawings shall be incidental to the contract and no additional compensation will be allowed the Contractor for any delays resulting therefrom.

### 5-2 CONFORMITY WITH PLANS AND SPECIFICATIONS

It is the intent of the Specifications that all Work performed, and all materials furnished shall be in conformity with the lines, grades, cross section, dimensions and material requirements shown on the Plans or indicated in the Specifications.

In the event the Engineer finds the materials or the finished product in which the materials are used or the Work performed are not in conformity with the Engineering Plans and technical Specifications including tolerances and have resulted in an inferior or unsatisfactory product, the Work or material shall be removed and replaced or otherwise corrected by and at the expense of the Contractor.

### 5-3 COORDINATION OF COMPONENT PARTS OF THE CONTRACT

The Specifications, the accompanying Plans, the Proposal, the Special Provisions, and all other contract documents are intended to describe a complete Work and are essential parts of the Contract. A requirement occurring in any of them is binding. In case of discrepancy, figured dimensions shall govern over scaled dimensions, Plans shall govern over Specifications, Special Provisions shall govern over both Specifications and Plans, and quantities shown on the plans shall govern over those shown in the Proposal. Neither the City, Engineer, nor the Contractor shall take advantage of any apparent error or omission in the Plans or Specifications, and the City shall be permitted to make such minor changes or alterations as may be deemed necessary for the fulfillment of the intent of the Plans and Specifications. Any corrections or alterations so made shall be subject to the provisions of Section 4-3.

## 5-4 COOPERATION BY CONTRACTOR

The Contractor will be furnished necessary copies of the Plans and Special Provisions, and he shall have one copy of each available on the work at all times during its prosecution. He shall give the work his constant attention to facilitate the progress thereof, and shall cooperate with the City and Engineer in every way possible. He shall have on the Work site at all times a competent, English-speaking representative authorized to receive orders and act for him and shall not replace him without prior written notification to the City.

## 5-5 UTILITIES

Not all of the gas, power, telephone or cable television lines, whether above or below ground, have been shown on the drawings. The location of existing underground utilities, such as water mains, sewers gas mains, etc., as shown on the drawings, have been determined form the best available information and are given for the convenience of the Contractor. The Contractor must assume responsibility for location and protection of all utilities, whether shown or not, and must realize that the actual locations of the utilities shown on the drawings may be different from the location indicated.

It is the responsibility of the Contractor to phone the Joint Utility Locating Information for Excavators (J.U.L.I.E.) at least 48 hours before excavation starts (except Saturday, Sunday and Holidays) phone toll free 1-800-892-0123. The Contractor shall also be responsible for having the "Dig Number" assigned as a result of the phone request available at the construction site and at his office.

It is understood and agreed that the Contractor has considered in his Proposal all of the permanent and temporary utility appurtenances shown or otherwise indicated on the Plans in their present positions and that no additional compensation will be allowed for any delays, inconvenience, or damage sustained by him due to any interference from the said utility appurtenances of the operation of moving them either by the utilities company or by the Contractor; or on account of any special construction methods required in prosecuting his work due to the existence of said appurtenances.

## 5-6 COOPERATION BETWEEN CONTRACTORS

If separate contracts are let for Work comprising an entire improvement, each Contractor shall conduct his Work so as not to interfere with or hinder the progress or completion of the Work being performed by other Contractors.

The Contractor shall as far as possible arrange his Work, and place and dispose of the materials being used so as not to interfere with the operations of the other contractors within the limits of the same improvement. He shall join his work with that of the others in an acceptable manner and shall perform it in proper sequence to that of the others. In case of dispute, the latest approved progress schedule shall govern.

## 5-7 CONSTRUCTION STAKES

Construction stakes and/or paint will be furnished and set by the Engineer to mark the general location, alignment, elevation and grade of the Work. The Contractor shall exercise proper care in the preservation of stakes set for his use or the use of the Engineer. The Contractor shall pay for the cost of replacing stakes damaged by his operation or those stolen by others.

## 5-8 AUTHORITY AND DUTIES OF OBSERVERS

Observers employed by the City or by the Engineer shall be authorized to observe the progress of the Work to determine if the Work is proceeding in accordance with the technical Plans and Specifications, and to perform such other duties as may be designated by the Engineer. However, the Engineer shall not be responsible for the construction means, methods, techniques, sequences or safety procedures and precautions in connection with the work by the contractors.

## 5-9 ENGINEER'S FIELD OFFICE AND/OR LABORATORY

When required by the Special Provisions, the Contractor shall furnish a field office and laboratory. The field office and/or laboratory shall be a weatherproof building for the exclusive use of the Engineer. It shall be independent of any building used by the Contractor. All keys to the building shall be turned over to the Engineer. The Engineer shall designate the location of the building and it shall remain on the site until released by the Engineer.

**The building shall conform to the following requirements:**

| | |
|---|---|
| Floor space, not less than | 120 square feet |
| Height of ceiling, not less than | 8 feet |
| Windows, not less than | 3 |
| Door, with lock approved by the Engineer | 1 |
| Instrument locker, 2 feet x 3 feet x 4 feet, with adjustable shelves<br>Hinged wall table | 3 feet x 6 feet |

The Contractor shall provide lights, heat, and when electric power is available, summer air conditioning for the building. The conditions shall be acceptable to the Engineer.

When shown on the plans or specified in the Special Provisions, the Contractor shall furnish two (2) buildings conforming to the above requirements, one to be used as a field laboratory, and each to be located where designated by the Engineer.

With the approval of the Engineer, a mobile building or buildings of approximately the same dimensions and having similar facilities may be substituted for the above described building or buildings.

The cost of furnishing the building or buildings, light, heat, and air conditioning shall be paid for at the contract lump sum price for "FIELD OFFICE AND/OR LABORATORY". The office and/or laboratory shall remain the property of the Contractor when the Work is completed.

## 5-10 CONSTRUCTION OBSERVATION

All materials and each part or detail of the Work may be subject at all times to observation by the Engineer and the City, or their authorized representatives, and the Contractor will be held strictly to the true intent of the Contract documents in regard to quality of materials, workmanship and the

diligent execution of the Contract. Observations may be made at the site or at the source of material supply whether mill, plant or shop. The Engineer, or his representatives, shall be allowed access to all parts of the Work and shall be furnished with such information and assistance by the Contractor as is required to make his observations and construction review. The duty of the Engineer to conduct observations and construction review of the Contractor's performance shall not include review of the adequacy of the Contractor's safety measures in, on, or near the construction site.

Engineer shall not at any time supervise, direct, or have control over any contractors' work, nor shall Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, nor for safety precautions and programs in connection with the contractors' work, nor for any failure of any Contractor to comply with laws and regulations applicable to contractors' work. Engineer neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform its work. Engineer shall have no authority to stop the work of any contractor on the Project. The Engineer's efforts will be directed toward providing assurance for the City that the completed project will conform to the Plans and Specifications as prepared by the Engineer, to safeguard the City against variances and deviations from the Plans and Specifications, and to assist in a correct interpretation of the Plans and Specifications.

The Engineer shall not have control of the construction and does not have a right, duty or responsibility to stop work for any reason including any contractor's failure to follow proper safety precautions or any acts or omissions. The Engineer shall not be responsible for the acts, errors or omissions of any contractor or any of their agents or employees or any other person performing any of the Work under the Contract.

The Contractor shall, upon written notice from the City, remove or uncover such portions of the finished Work as he may direct, before the final acceptance of the same. After examination, the Contractor shall restore said portion of the Work to the standard required by the Contract documents. If the Work thus exposed or examined proves acceptable, the expenses of uncovering or removing and the replacing of the parts removed shall be paid for as Extra work, unless otherwise provided in the Contract documents, but if the Work so exposed or examined is unacceptable, the expense of uncovering or removing and the replacing of the same in accordance with the Contract documents shall be borne by the Contractor.

The Contractor shall supervise and direct the Work. He will be solely responsible for the means, methods, techniques, sequences and procedures of construction.

Any reference to "supervision" by the Engineer in the Illinois Department of Transportation, Standard Specifications for Road and Bridge Construction or any other referenced documents shall be changed to "observation."

When the State and/or Federal Government is to pay a portion of the cost of the Work covered by the Contract, the Work shall be subject to the observation of the representatives of those Governments, but such observation shall in no sense make those Governments a part of the Contract.

**5-11 REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK**

Work done without lines and grades being given, or beyond the lines shown on the Plans or as given, except as herein provided, or any extra work done without authority will be considered as unauthorized and at the expense of the Contractor, and will not be measured or paid for. Work so done may be ordered by the City to be removed or replaced at the Contractor's expense.

All work, which has been rejected, shall be remedied or removed and replaced so as to comply with the Plans and Specifications by the Contractor at his own expense. Upon failure on the part of the Contractor to comply promptly with any order of the City made under the provisions of this article, the City shall, after giving written notice to the Contractor, have the authority to cause defective work to be remedied, or removed and replaced, or to cause unauthorized work to be removed, and to deduct the cost thereof from the contract price due or become due to the Contractor.

**5-12 FINAL ACCEPTANCE**

The Engineer shall make final acceptance of all Work included in the Contract, as soon as practicable after notification by the Contractor that the Work is completed. If the Work is not acceptable to the Engineer, he shall inform the Contractor in writing as to the particular defects to be remedied before final acceptance can be made.

The Contractor shall be relieved of normal maintenance responsibilities for any sections of the work, which are completed and accepted by the City prior to project completion. For the remainder of the Work, the guarantee period shall be as stated in Section 7-16.

When the Contract includes work for which the County, State and/or Federal Government is to pay a portion of the cost thereof, such work shall also be subject to the inspection and approval of the representatives of those governments.

**5-13 PUBLIC CONSTRUCTION BID ACT, 30 ILCS 557—1-Deleted.**

## SECTION 6. CONTROL OF MATERIAL

### 6-1 QUALITY OF MATERIALS

It is the intent of the Specifications that first-class materials shall be used throughout the Work, and that they shall be incorporated as to produce completed construction, which is workmanlike and acceptable in every detail. The cost or collecting and furnishing of samples of all test material shall be borne by the Contractor. The cost of all testing shall be borne by the City. Only materials, which conform to the requirements of these Specifications, shall be incorporated in the Work.

### 6-2 DEFECTIVE MATERIALS

All materials not conforming to the requirements of the Specifications shall be considered as defective and shall be removed from the Work; if in place, they shall be removed by the Contractor at his expense and replaced with acceptable materials. No defective materials, the defects of which have been subsequently corrected, shall be used until approval has been given. Upon failure of the Contractor to comply forthwith with any written order of the City pursuant to the provisions of this article, the City shall have authority to remove and replace defective materials and to deduct the cost of removal and replacement from any monies due to become due the Contractor.

### 6-3 TESTING MATERIALS

All materials should be tested and approved by the Engineer before incorporation in the Work. The Contractor shall give sufficient advance notice of placing orders to permit tests to be completed before the materials are incorporated in the Work and the Contractor shall afford such facilities as the Engineer may require for collecting and forwarding samples and making observations.

### 6-4 SAND, GRAVEL AND CRUSHED STONE

The source of sand, gravel and crushed stone construction shall be approved by the Engineer prior to usage. The approval shall be based upon testing of samples furnished by the Contractor and tested by the Engineer for conformance with Specifications. Approval shall be contingent upon the Contractor using materials on the job, which conform with the samples satisfactorily tested.

### 6-5 CONCRETE

Samples of concrete used in construction shall be taken by the Contractor and made into test cylinders in conformance with ASTM C31. The City shall provide the services of an independent testing laboratory to collect and test the cylinders in conformance with ASTM C39, and furnish a copy of test results to the Engineer. Any concrete, which tests indicate failed to conform to the Specifications, shall be removed and replaced at Contractor's expense. At the option of the City, the concrete may be accepted and agreed upon adjustment in payment.

### 6-6 MISCELLANEOUS MATERIALS

Fittings, valves, castings, hydrants, house service pipes, masonry blocks, bricks, manhole sections or other miscellaneous manufactured materials used in water and sewer construction shall be furnished

with the implied guarantee that such materials conform with the requirements of the Specifications. The Engineer reserves the right to require a certified statement from the manufacturer of such materials that the specific materials have been inspected and tested and conform with the Specifications.

**6-7 JOB SITE OBSERVATION**

Regardless of any tests of materials made at the source, the Contractor shall carefully inspect all materials before installation and reject any materials, which have been damaged or have visible flaws. The Engineer also reserves the right to make such observation, but failure to detect irregularities does not relieve the Contractor of responsibility to remove and replace materials, which are found to be defective after installation.

**6-8 STORED MATERIALS**

If it is necessary to store materials, they shall be protected in such a manner as to insure the preservation of their quality and fitness for the Work. All stored materials shall be inspected at the time of use in the Work, even though they may have been inspected and approved before being placed in storage. The Contractor may use the right-of-way for storage of materials. If stockpiling is done outside the right-of-way, the additional space required shall be provided by the Contractor at his expense.

**6-9 "OR EQUAL" CLAUSE**

Whenever, in any of the Contract Documents, an article, material or equipment is defined by describing a proprietary product, or by using the name of a manufacturer, or vendor, the term "or equal", if not inserted shall be implied except where the Proposal provides for alternate bids. The specific article, materials, or equipment mentioned shall be understood as indication of the type function, minimum standard or design, efficiency and quality desired and shall not be construed in such a manner as to exclude manufacturer's products of comparable quality, design and efficiency. The Contractor shall comply with the requirements of the Contract Documents and City's approval of materials and equipment before they are incorporated in the project.

## SECTION 7. LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC

### 7-1 LAWS TO BE OBSERVED

The Contractor shall at all times observe and comply with all Federal laws, State laws, County laws, local laws, ordinances, and regulations which in any manner affect the conduct of the Work, and all such orders or decrees as exist at the time Bids are advertised, of legislative bodies or tribunals having legal jurisdiction or authority over the work and no plea of misunderstanding or ignorance thereof will be considered. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these laws, ordinances and regulations.

The Contractor shall indemnify and save harmless the City, the Engineer, and all of their officers, agents, employees and servants against any claim or liability, including legal fees, arising from or based on the violation of such law, ordinance, regulation, order or decree, whether by themselves or their employees.

### 7-1.01 INDEMNIFICATION

To the fullest extent permitted by law, the Contractor shall defend, indemnify and hold harmless City and Consultants and their respective officers, agents and employees, from and against all claims, damages, losses, costs, expenses, judgments and liabilities, including but not limited to attorney's fees, costs and expenses, arising out of or in connection with Contractor's performance of or failure to perform this Agreement, provided that any such claim, damage, loss, costs, expenses, judgments or liabilities are attributable to bodily injury, sickness, disease or death, or to injury or destruction of tangible personal property, including the loss of use resulting therefrom, that is caused in whole or in part by any act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by any party indemnified hereunder.

Contractor shall defend, indemnify and hold harmless City, Consultants, and their respective officers, agents and employees from and against all claims, damages, losses, costs and expenses arising out of, relating to, or incurred in connection with the use by Contractor, its officers, agents, subcontractors and employees of any equipment, materials, tools, construction equipment, machinery, and/or motor vehicles owned or leased by City. The indemnification provided by this Section shall apply regardless of whether City consents to the use of equipment by Contractor.

In the event such indemnity as described above is prohibited by law, then said indemnity shall only be to the extent caused by the negligent acts or omissions of the Contractor, subcontractors, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, or to the extent allowed by applicable law.

The indemnification obligation under this paragraph shall not be limited in any way by any limitations on the amount or type of damages, compensation or benefits payable by or for the benefit of Contractor or any indemnities under any Worker's Compensation Act, Occupational Disease Act, Disability Benefits Act, or any other employee benefits act. The Contractor further agrees to waive any and all liability limitations based upon the Worker's Compensation Act court interpretations or otherwise.

Contractor agrees that a similar waiver of liability limitation will be incorporated in its agreements with subcontractors or anyone directly or indirectly employed by them. Contractor agrees that in the event it

fails to incorporate such a waiver of liability limitation in its agreements with said subcontractors and others, then it will be responsible for any additional liability arising out of said failure. The defense and indemnification obligations set forth in this provision shall survive the termination or expiration of this Agreement.

Contractor further agrees that all future contracts in furtherance of this contract between Contractor and any of its subcontractors will designate City and CONSULTANTS as intended third party beneficiaries of that contract. Contractor hereby agrees to specifically label City and CONSULTANTS as an "intended third party beneficiaries" in all contracts entered in furtherance of this contract.

## 7-2 INSURANCE REQUIREMENTS

### *7-2.01 GENERAL*

The Contractor and any Subcontractors shall obtain and thereafter keep in force for the term of the contract the insurance coverage specified in 7-2.02 MINIMUM INSURANCE REQUIREMENTS.

The Contractor shall not commence work under the Contract until all the insurance required by this section or any Special Provisions has been obtained. The insurance companies must be authorized to do business in the State of Illinois.

The insurance companies providing coverage shall be rated in the Best's Key Rating Guide with a rating not lower than A- and shall have a financial size category of not less than VII.

The Contractor shall be solely responsible for enforcing compliance with these insurance requirements by all Subcontractors of any tier.

***A. PRIMARY INSURANCE***

All insurance required of the Contractor shall be specifically endorsed so that it is Primary Insurance as to all additional insureds with respect to all claims arising out of operations by or on their behalf. If additional insureds have other applicable insurance coverage, those coverages shall be deemed to be on an excess or contingent basis.

***B. NO WAIVER OF INSURANCE REQUIREMENT BY CITY***

Under no circumstances shall the City be deemed to have waived any of the insurance requirements of this Contract by any act or omission, including, but not limited to:

1. Allowing work by Contractor or any Subcontractor of any tier to start before receipt of certificates of insurance, endorsements, and other required insurance documents; or

2. Failure to examine, or to demand correction of any deficiency of, any certificate of insurance received.

The Contractor agrees that the obligation to provide insurance is solely the Contractor's responsibility and cannot be waived by any act or omission of the City.

*C.* ***INSURANCE DOES NOT LIMIT LIABILITY***

The purchase of insurance by the Contractor under this Contract shall not be deemed to limit the liability of the Contractor in any way for damages suffered by City (e.g., in excess of policy limits, because of deductibles, or not covered by the policies purchased).

*D.* ***NOTIFICATION OF PERSONAL INJURY/PROPERTY DAMAGE***

The Contractor shall notify the City, in writing, of any possible or potential claim for personal injury or property damage arising out of the work of this Contract promptly whenever the occurrence giving rise to such a potential claim becomes known to the Contractor.

***7-2.02 MINIMUM INSURANCE REQUIREMENTS***

The insurance coverage required of the Contractor and any Subcontractors shall be written for not less than the following, or greater if required by law:

*A.* ***Workers' Compensation and Occupational Disease Insurance*** in accordance with applicable state and federal laws, and Employer's Liability Insurance with a bodily injury per accident limit of liability of at least $ 500,000, bodily injury by disease limit each employee of $500,000 and bodily injury by disease policy limit of $500,000 or such greater sum as may be reasonably required by City.

*B.* ***Commercial General liability Insurance*** provided by ISO form CG 0001 with a combined Bodily Injury and Property Damage limit of at least $1,000,000 per occurrence, $2,000,000 products and completed operations aggregate and $2,000,000 general aggregate, or such greater sum as may be reasonably required by City.

1. Completed Operations and Products liability insurance shall be maintained for a period of 2-years after completion and acceptance of the Project by City, or such longer period as may be reasonably required by the City.

2. The above policy shall include an endorsement identifying City, and any other parties as may be reasonably required by City or CONSULTANTS as Additional Insured. ISO endorsements CG 2010 and CG 2037 any edition, or equivalent forms, must be used to provide this coverage. Copies of the endorsements must be included with the certificate of insurance as required in paragraph L.

3. Claims-Made coverage triggers are not acceptable to City.

4. ISO form CG2503, Designated Construction Project(s) General Aggregate Limit or an equivalent form must be endorsed to the policy and identified on the certificate of insurance. City's and Contractors Protective Liability policy can be

utilized in lieu of aggregate limits per project, (see 7-2.02O for OCP requirements)

5. The policy shall not contain a sunset provision, commutation clause or any other provision which would prohibit the reporting of a claim and the subsequent defense and indemnity that would normally be provided by the policy.

6. The policy shall not contain any provision, definition or endorsement which would serve to eliminate third party action over claims.

7. Residential Work exclusions or limitations, in any form, are not acceptable to Contractor.

C. ***Comprehensive Automobile Liability Insurance*** covering use of all owned, non-owned and hired vehicles with Bodily Injury and Property Damage limit of at least $1,000,000 Combined Single Limit, or such greater sum as may be reasonably required by the City. This policy shall include coverage for City, CONSULTANTS, and any other parties as may be reasonably required by City, for liability arising out of the actions of Contractor, whether by endorsement or otherwise.

D. ***Excess or Umbrella Liability Insurance*** limits of no less than $5,000,000 per occurrence for Employer's Liability, Commercial General Liability and Comprehensive Automobile Liability, in excess of the minimum policy limits stated below:

| | |
|---|---|
| Employer's Liability | $500,000/ $500,000 / $500,000 |
| Commercial General Liability | $1,000,000 per occurrence |
| Commercial General Liability | $2,000,000 general aggregate |
| Commercial General Liability | $2,000,000 completed operations aggregate |
| Comprehensive Auto Liability | $1,000,000 combined single limit |

Excess/Umbrella coverage shall be provided as no less than Follow Form and shall name City, Consultants, and any other parties as may be reasonably required by City, as Additional Insured on a Primary and Non-Contributory basis.

E. ***Pollution Liability*** in the amount of $1,000,000 per occurrence and in the aggregate or such sum as may be reasonably required by the City. This requirement covers the Contractor's use of, transportation, removal and/or disposal of hazardous materials and/or pollutants. Additionally, this requirement must apply to any disposal site

receiving hazardous materials and/or pollutants. Pollution means the actual or alleged discharge, dispersal, release, seepage, migration, growth, or escape of smoke, soot, fumes, acids, alkalis, toxic chemicals, mold, mildew, spores, fungi, microbes, bacterial matter, legionella pneumophila, asbestos, lead, silica, liquids or gases, waste materials, contaminants, or other irritants, into or upon land, the atmosphere, any structure on land, the atmosphere contained within that structure, or any watercourse or body of water, including groundwater. Radioactive matter shall also be considered a pollutant, except as otherwise covered or protected by insurance or protections provided pursuant to 42 U.S.C. § 2014(w), as amended, or Section 170 of the Atomic Energy Act of 1954, as amended.

F. ***Professional Liability*** in the amount of $2,000,000 per occurrence and in the aggregate or such sum as may be reasonably required by the City. This requirement covers the Contractor's duties that involve professional architectural, engineering, design or consultation work. Any applicable deductibles and/or retention's must be noted on the Certificate of Insurance. Policy exclusions are not allowed for pollution, including mold, fungi or bacteria including the vapor produced or arising therefrom. Please see the project *Special Provisions* for the project specific needs of this policy.

G. ***Property and Equipment*** Contractor shall purchase and maintain at its own discretion and expense, Builder's Risk/Installation Floater Insurance in an amount equal to the insurable value of the Contractor's property, whether off site or in transit, to cover any equipment, tools or tangible personal property. Contractor assumes all liability and risks, and agrees to waive all claims against City and CONSULTANTS for damage to or loss of equipment, machinery, tools, supplies and other tangible personal property owned or supplied by Contractor and utilized or intended to be utilized during the course of Contractor's Work. Any insurance carried by Contractor covering such damage or loss shall be endorsed with a waiver of subrogation in favor of City and CONSULTANTS. Any and all subcontractors agree to assume the same liabilities and risks as Contractor.

H. ***Each of Contractor's*** General Liability, Auto Liability, Pollution Liability, Professional Liability and Excess/Umbrella Liability policies must be endorsed as Primary and Non• Contributory as to any insurance maintained by the Additional Insured(s) and shown on the certificate of insurance.

I. ***An endorsement*** in favor of the Additional insured(s) waiving the Contractor's and its insurer's rights of subrogation shall be issued with respect to the Commercial General Liability, Comprehensive Auto Liability, Pollution Liability, Professional Liability and Workers' Compensation and Employers Liability policies. Evidence of this endorsement must be noted on the certificate of insurance.

J. ***Self-funded*** or other non-risk transfer insurance mechanisms or deductibles/self-insured retentions greater than $25,000 per occurrence are not acceptable to City on any insurance coverage required in this agreement. If the Contractor has such a program, full disclosure must be made to City and CONSULTANTS prior to any consideration being given.

*K.* ***Any subcontractor*** employed by Contractor shall have equivalent coverage.

*I.* ***A Certificate of Insurance,*** including copies of the Additional Insured endorsements, shall be sent to City or CONSULTANTS prior to the commencement of any Work (please see the sample attached at the end of Section 7). All Certificates of Insurance and Endorsements verifying the existence of the above required insurance shall be in form and content satisfactory and acceptable to City and CONSULTANTS and shall be submitted to City or CONSULTANTS in a timely manner so as to confirm Contractor's full compliance with these insurance requirements stated herein, throughout the entire term of this Agreement.

*M.* Contractor shall provide written notice via email of any cancellation notice received by Contractor from any insurer providing insurance as required in this Agreement within two (2) business days of Contractor's receipt of such notice.

*N.* ***Permitting Contractor*** to commence Work prior to CONSULTANTSs receipt of the required certificate shall not be a waiver of the Contractor's obligation to provide all of the above insurance. Acceptance by City or CONSULTANTS of insurance submitted by Contractor shall not relieve or decrease in any manner the liability of the Contractor for its performance under this Agreement.

In the event Contractor fails to obtain or maintain any of the foregoing required coverage, the City may purchase such coverage and charge the expense thereof to the Contractor, or may terminate this Agreement.

These Insurance provisions are intended to be a separate and distinct obligation on the part of Contractor. Therefore, these provisions shall be enforceable and Contractor shall be bound thereby regardless of whether or not the Indemnity provisions of this Agreement are determined at any time to be enforceable in the jurisdiction in which the Work covered by this Agreement is performed. The obligation of the Contractor to provide the insurance herein specified shall not limit in any way the liability or obligations assumed by the Contractor elsewhere in this Agreement.

In the event Contractor or its insurance carrier(s) defaults on any obligations under this Insurance provision, Contractor agrees that it will be liable for all reasonable expenses and attorneys' fees incurred by City in the enforcement of the terms of this provision.

O. ***City and Contractor's Protective Liability Insurance***

If the Contractor is unable or unwilling to provide the required General Liability Additional Insured forms, a City's and Contractor's Protective Policy can be purchased as an acceptable alternate; Required limits of insurance;

1. Bodily Injury and Property Damage Combined

   $5,000,000 Each Occurrence

   $10,000,000 Annual Aggregate

2. The Contractor will furnish and maintain during the entire period of construction a City and Contractor's Protective Liability policy written in the name of the City and CONSULTANTS with not less than the limits indicated. The named insureds shall be:
   a. City
   b. Consultant, If Required.

3. Proof of insurance for the coverages required to be purchased by the Contractor, including the City's and Contractor's Protective Policy shall be submitted to CONSULTANTS for transmittal to the City for his approval prior to the start of construction. Proof of the City's Protective Policy shall consist of providing an entire copy of that policy to CONSULTANTS. With respect to all other coverages required to be purchased by the Contractor, proof of insurance shall consist of a Certificate of Insurance issued by the Contractor's insurance agency.

4. It is further understood that any insurance maintained or carried by City shall be in excess of any coverage provided by any Contractor or Subcontractor.

P. ***Railroad Protective Insurance*** will be required by Special Provisions if needed.

Q. ***Builder's Risk Insurance*** is not provided by the City. The Contractor is responsible for any loss that would be insured by such coverage. On Contracts for construction of buildings, bridges, or other structures, all Builder's Risk coverage may be required by Special Provisions. Such coverage shall name the City, Contractor, subcontractors, and suppliers, as their interests may appear as named insureds.

**7-3 PERMITS AND LICENSES**

The Contractor, prior to commencing work, shall at his own expense procure all permits, licenses, and bonds necessary for the prosecution of the work, required by Municipal, County, State and Federal regulations, unless specifically provided otherwise in the Special Conditions of the Contract.

The Contractor shall also give all notice, pay all fees, and comply with all Federal, State, County and Municipal laws, ordinances, rules and regulations and building and construction codes bearing on the conduct of the Work.

**7-4 PATENTS AND ROYALTIES**

If any design, device, material or process covered by letters patent or copyright is used by the Contractor, he shall provide for such use by legal agreement with the City of the patent or a duly authorized licensee of such City, and shall save harmless the City and the Engineer from any and all loss or expense on account thereof, including its use by the City.

**7-5 STATE AND FEDERAL PARTICIPATION**

When the County, State, and/or the Federal Government pays all or any portion of the cost of the Work, the Work shall be subject to the inspection of the appropriate agency.

**7-6 SANITARY PROVISIONS**

The Contractor shall comply with all rules and regulations of the Federal, State, County, and local health departments, and shall take precautions to avoid creating unsanitary conditions. The City or Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

**7-7 PUBLIC CONVENIENCE AND SAFETY**

The Contractor shall notify the City at least five (5) days in advance of the starting of Work, which might in any way inconvenience or endanger traffic, so that arrangements may be made, if necessary, for closing the road and providing suitable detours. The Contractor shall at all times conduct the Work as to insure the least obstruction to vehicular and pedestrian traffic. The convenience of the general public and of residents along the roadway shall be provided for in an adequate and satisfactory manner. (See also 7-9, 7-14 and 8-6.)

If a temporary road is required for the convenience of the general public and/or residents along the roadway, temporary road requirements will not be paid for separately, but will be incidental to the Contract and no extra compensation will be allowed.

**7-8 BARRICADES AND WARNING SIGNS**

When any section of road is closed to traffic, the Contractor shall provide, erect, and maintain barricades, red flags, signs and lights at each end of the closed section and at all intersecting roads in accordance with the Illinois Manual of Uniform Traffic Control Devices.

If during the progress of the work, it is necessary to provide access to private property along the road, the Contractor shall provide, erect, and maintain within the closed portion of the road, such barricades, signs, flags and lights as may be necessary to protect the Work and to safeguard local traffic.

When traffic is to be permitted to use the road during construction, the Contractor shall protect the work and provide for safe and convenient public travel by providing, erecting, and maintaining such barricades, red flags, and lights as are necessary.

The Contractor's responsibility for the work, as provided in Section 7-15, shall apply, even though barricades, signs, red flags, and lights are installed as required above.

The cost of furnishing and maintaining barricades, warning signs, red flags, and lights as required herein shall be incidental to the Contract and no extra compensation will be allowed. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

**7-9 DEBRIS ON TRAVELED SURFACE OR STRUCTURES**

Where the Contractor's equipment is operated on any portion of the traveled surface or structures used by traffic on or adjacent to the section under construction, the Contractor shall clean the traveled surface of all dirt and debris at the end of each day's operation.

The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

**7-10 EQUIPMENT ON TRAVELED SURFACE AND STRUCTURES**

The traveled surface and structures on or adjacent to the work shall be protected, from damage by lugs or cleats on treads or wheels of equipment.

All equipment used in the prosecution of the work shall comply with the legal loading limits established by the statutes of the State of Illinois or local regulations when moved over or operated on any traveled surface or structure unless permission in writing has been issued by the City. Before using any equipment, which may exceed the legal loading, the Contractor shall secure a permit, allowing ample time for making an analysis of stresses to determine whether or not the proposed loading would be within safe limits. The City will not be responsible for any delay in construction operations or for any costs incurred by the Contractor as a result of compliance with the above requirements. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

**7-11 USE OF EXPLOSIVES**

When the use of explosives is necessary for the prosecution of the Work, the Contractor shall be governed by the rules and regulations of the Department of Mines and Minerals of the State of Illinois and any local regulations, which govern the use of explosives. The Engineer shall not be responsible for determining whether the Contractor is in compliance with these rules and regulations.

**7-12 USE OF FIRE HYDRANTS**

If the Contractor desires to use water from hydrants, he shall make application to the proper authorities, and shall conform to the municipal ordinances, rules or regulations concerning their use. Water from hydrants or other sources shall be at the Contractor's expense unless otherwise provided in the Special Provisions

Fire hydrants shall be accessible at all times to the Fire Department. No material or other obstructions shall be placed closer to a fire hydrant than permitted by municipal ordinances, rules or regulations, or within ten feet (10') of a fire hydrant, in the absence of such ordinances, rules or regulations.

## 7-13 PROTECTION AND RESTORATION OF PROPERTY

If corporate or private property interferes with the Work, the Contractor shall notify, in writing, the City of such property, advising them of the nature or disposition of such property. The Contractor shall furnish the City with copies of such notifications and with copies of any agreements between him and the property Owners concerning such protection or disposition.

The Contractor shall take all necessary precautions for the protection of corporate or private property, such as walls and foundations of buildings, vaults, underground structures of public utilities, underground drainage facilities, overhead structures of public utilities, trees, shrubbery, crops and fences contiguous to the Work, of which the Contract does not provide for removal. The Contractor shall protect and carefully preserve all official survey monuments, property marks, section markers, and Geological Survey monuments, or other similar monuments, until the City or an authorized surveyor or agent has witnessed or otherwise referenced their location or relocation. The Contractor shall take reasonable precautions to avoid disturbing any archeological and other historic remains encountered during construction. The Contractor shall notify the City of the presence of an such survey or property monuments or archeological and other historic remains as soon as they are discovered.

The Contractor shall be responsible for the damage or destruction of property of any character resulting from error, neglect, misconduct or omission in his manner or method of execution or non-execution of the Work, or caused by defective Work or the use of unsatisfactory materials, and such responsibility shall not be released until the Work shall have been completed and accepted and the requirements of the Specifications complied with.

Whenever public or private property is so damaged or destroyed, the Contractor shall at his own expense, restore such property to a condition equal to that existing before such damage or injury was done by repairing, rebuilding, or replacing it as may be directed, or he shall otherwise make good such damage or destruction in an acceptable manner. If he fails to do so, the City may, after the expiration of a period of forty-eight (48) hours after giving him notice in writing, proceed to repair, rebuild, or otherwise restore such property as may be deemed necessary, and the cost thereof shall be deducted from any compensation due, or which may become due the Contractor under his contract.

The Contractor shall remove all mailboxes within the limits of construction, which interfere with construction operations and shall erect them at temporary locations. As soon as construction operations permit, he shall set the mailboxes at their permanent locations. The Contractor shall replace at his own expense any mailbox or post which has been damaged by his operations.

The cost of all materials required and all labor necessary to comply with the above provisions will not be paid for separately, but shall be considered as incidental to the Contract, unless otherwise specified in the Special Provisions.

## 7-14 PROTECTION AND RESTORATION OF TRAFFIC SIGNS

Any traffic sign within the limits of construction, which interferes with construction operations, may be removed by the Contractor when authorized by the traffic sign City. Any traffic sign, which has been

removed, shall be re-erected immediately by the Contractor at the temporary location designated by the traffic sign City, and as soon as construction operations permit, the sign shall be set at its permanent location. The cost of all materials required and all labor necessary to comply with this provision will not be paid for separately, but shall be considered as incidental to the contract.

The Contractor shall replace at his own expense any traffic sign or post which has been damaged due to his operations.

Any traffic sign designated as critical by the traffic sign City shall not be disturbed and no additional compensation will be allowed the Contractor for any delays, inconvenience, or damage sustained by him due to any special construction methods required in prosecuting his work due to the existence of such traffic signs.

**7-15 CONTRACTOR'S RESPONSIBILITY FOR WORK**

The Work shall be under the control and care of the Contractor until final acceptance or use or occupancy by the City. The Contractor shall assume all responsibility for injury or damage to the Work by action of the elements or from any other cause whatsoever, and shall rebuild, repair, restore, and make good, at his expense, all injuries or damages to the Work, except that when the Work is opened to usage by written order of the City, the provisions of this article shall not apply to damage caused by such use and not due to the Contractor's fault or negligence.

When materials are furnished to the Contractor by the City for inclusion in the work, the Contractor's responsibility for handling and installation of all such materials shall be the same as for materials furnished by him.

In case of suspension of Work by the Contractor, the Contractor shall be responsible for the Work and shall take such precautions as may be necessary to prevent damage to the Work, provide for normal drainage and shall erect any necessary temporary structures, signs, or other facilities at his expense.

***7-16 GUARANTEE PERIOD***

The Contractor shall warrant all Work performed for a period of one (1) year from the date of final acceptance in writing by the Engineer. In case of acceptance of a part of the work for use or occupancy prior to final acceptance of the entire Work, the guarantee for the part so accepted shall be for a period of one year from the date of such partial acceptance, in writing, by the Engineer.

In placing orders for equipment, the Contractor shall purchase same only under a written guarantee from the respective manufacturers that the equipment supplied will function satisfactorily as an integral part of the completed Work in accordance with the Plans and Specifications, and that the manufacturer will repair or otherwise make good any defects in workmanship or materials which may develop within a period of one (1) year from the date of final acceptance. Furthermore, the Contractor shall require that the manufacturer agree in writing at the time the order for equipment is placed that he will be responsible for the proper functioning of the equipment in cooperation with the Contractor, and that whenever necessary during the installation period or tuning up period following construction period, the manufacturer will supply without additional cost to the City, such superintendence and mechanical labor

and any adjustments and additional parts and labor needed to make the equipment function satisfactorily, even if same was not shown on the approved shop drawings.

**7-17 PERSONAL LIABILITY OF CITY'S AGENTS**

In carrying out the provisions of this contract, or in exercising any power or authority granted to the City, there shall be no personal liability upon any officer or authorized agent of the City provided the City is a governmental body, it being understood that all such persons act as agents and representatives of the City.

**7-18 NO WAIVER OF LEGAL RIGHTS**

The City and the Engineer shall not be precluded by any measurement, estimate, or certificate made either before or after the completion and acceptance of the Work and payment therefor, from showing the true amount and character of the Work performed and materials furnished by the Contractor, or from showing that any such measurement, estimate, or certificate is untrue or incorrectly made, or that the Work or materials do not conform in fact to the Contract. The City shall not be precluded, notwithstanding any such measurement, estimate, or certificate and payment in accordance therewith, from recovering from the Contractor and his sureties such damages as if it may sustain by reason of his failure to comply with the terms of the Contract. Neither the acceptance by the City, nor any representative of the City, nor any payment for or acceptance of the whole or any part of the work, nor any extension of time, nor any possession taken by the City, shall operate as a waiver of any portion of the Contract, or of any power herein reserved, or any right to damages herein provided. A waiver of any breach of the Contract shall not be held to be a waiver of any other or subsequent breach.

**7-19 SAFETY**

Contractor shall comply with State and Federal Safety regulations as outlined in latest revision of Federal Construction Safety Standards (Series 1926) and with applicable provisions and regulation of Occupation Safety and Health Administration (OSHA) Standards of the Williams-Steiger Occupational Health and Safety Act of 1970 (rev.). The City or Engineer shall not be responsible for determining the Contractor's compliance with these regulations.

The Contractor is solely responsible for the safety procedures, programs and methods of its employees, subcontractors of every tier, and agents. Contractor shall hold the City and the Engineer harmless for any and all damages resulting from violations thereof.

**7-20 USE OF PRIVATE LAND**

The Contractor shall not use any vacant lot or private land as a plant site, depository for materials, or as a spoil site without the written authorization of the City of the land (or his agent), a copy of which authorization shall be filed with the City.

**7-21 USE OF WATER**

Contractors desiring to use water furnished by the City will be required to make application for extension to the proper authorities and conform to the rules and regulations provided in such cases by the municipal ordinances and pay the usual water rates.

**7-22 COST OF SERVICES**

The Contractor will be required to pay the established water rates for water obtained from the City. Large quantities of water for flushing trenches, filling mains, testing or other operations shall be drawn only at night or at times specifically authorized by the City.

The cost of all power, lighting and heating required during construction shall be paid by the Contractor and its costs merged in the contract price.

**7-23 WORK IN BAD WEATHER**

No construction work shall be done during stormy, freezing or inclement weather, except such as can be done satisfactorily, and to secure first-class construction throughout, and then only subject to permission of the City.

**7-24 SUNDAY WORK**

No work shall be performed under these specifications at night or on Sunday and legal holidays without the approval of the City. If it is found necessary to continue the work at night or on Sunday or on a legal holiday, the Contractor will be charged for the Engineering and observation at such times at the rate of Seven Hundred Fifty Dollars ($750.00) per day of eight (8) working hours for each person doing such work on the job, and the amount will be deducted from money due to the Contractor at the time of settlement.

**7-25 WATCHMEN**

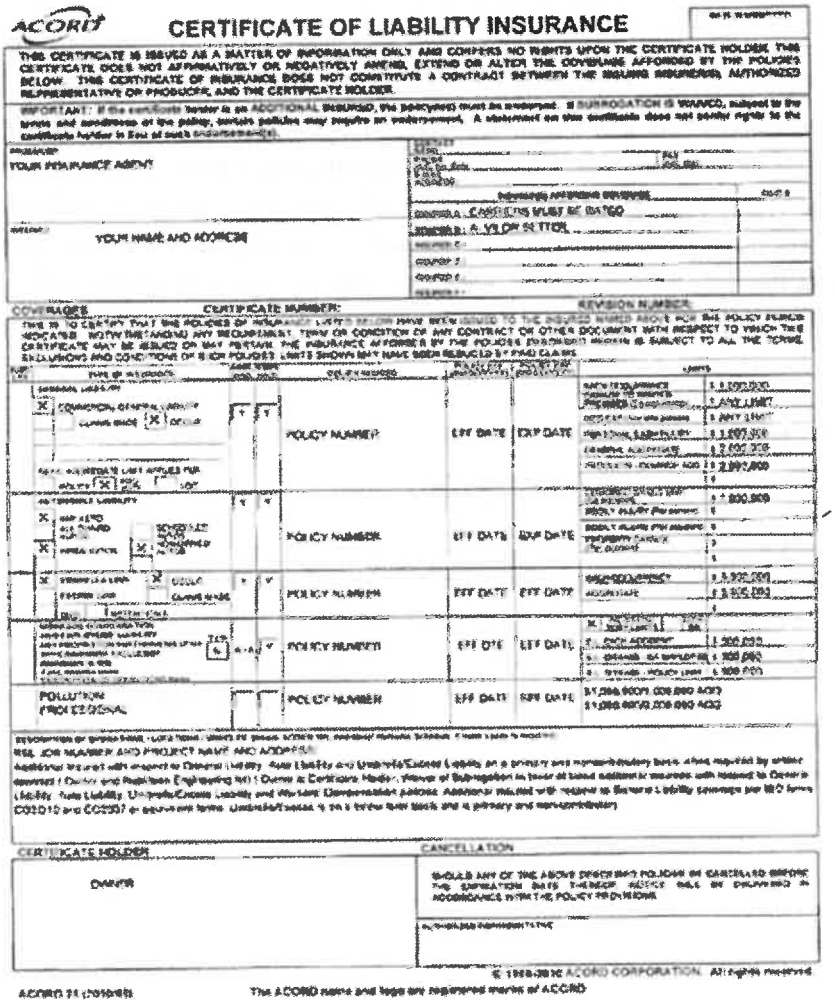
Watchmen are to be provided by the Contractor at the site of the project to prevent loss, damage to property, or accidents.

**7-26 CONSTRUCTION DEBRIS**

The Contractor shall not conduct any generation, transportation, or recycling of construction or demolition debris, clean or general or uncontaminated soil generated during construction, remodeling, repair, and demolition of utilities, structures, and roads that is not commingled with any waste, without the maintenance of documentation identifying the hauler, generator, place of origin of the debris or soil, the weight or volume of the debris or soil, and the location, City, and operator of the facility where the debris or soil was transferred, disposed, recycled or treated. This documentation must be maintained by the Contractor for 3 years.

## 7-27 SAMPLE INSURANCE CERTIFICATE

Email all Certificates to the City or designated Consultants



ACORD

CERTIFICATE OF LIABILITY INSURANCE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
YOUR INSURANCE AGENT

CONTACT NAME:
PHONE (A/C, No, Ext):
E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE | NAIC #
INSURER A: CARRIERS MUST BE RATED
INSURER B: A VI OR BETTER
INSURER C:
INSURER D:
INSURER E:
INSURER F:

INSURED
YOUR NAME AND ADDRESS

COVERAGES | CERTIFICATE NUMBER: | REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|---|---|---|---|---|---|---|---|
| | COMMERCIAL GENERAL LIABILITY | | | | | | EACH OCCURRENCE $ 1,000,000 |
| | CLAIMS-MADE [X] OCCUR | | | | | | DAMAGE TO RENTED PREMISES (Ea occurrence) $ ANY ONE |
| | | | | | | | MED EXP (Any one person) $ ANY ONE |
| | | | | | | | PERSONAL & ADV INJURY $ 1,000,000 |
| | GEN'L AGGREGATE LIMIT APPLIES PER: | | | | | | GENERAL AGGREGATE $ 2,000,000 |
| | POLICY [X] PRO- JECT [ ] LOC | | | | | | PRODUCTS - COMP/OP AGG $ 2,000,000 |
| | OTHER: | | | | | | $ |
| | AUTOMOBILE LIABILITY | | | | | | COMBINED SINGLE LIMIT (Ea accident) $ 1,000,000 |
| | ANY AUTO | | | | | | BODILY INJURY (Per person) $ |
| | OWNED AUTOS ONLY | | | | | | BODILY INJURY (Per accident) $ |
| | HIRED AUTOS ONLY | | | | | | PROPERTY DAMAGE (Per accident) $ |
| | | | | | | | $ |
| | UMBRELLA LIAB | | | | | | EACH OCCURRENCE $ 5,000,000 |
| | EXCESS LIAB | | | | | | AGGREGATE $ 5,000,000 |
| | DED | | | | | | $ |
| | RETENTION $ | | | | | | $ |
| | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY | | | | | | X PER STATUTE OTH- ER |
| | ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) | N/A | | | | | E.L. EACH ACCIDENT $ 1,000,000 |
| | If yes, describe under DESCRIPTION OF OPERATIONS below | | | | | | E.L. DISEASE - EA EMPLOYEE $ 1,000,000 |
| | | | | | | | E.L. DISEASE - POLICY LIMIT $ 1,000,000 |
| | POLLUTION PROFESSIONAL | | | POLICY NUMBER | EFF DATE | EXP DATE | $1,000,000 EOC $2,000,000 AGG |
| | | | | | | | $1,000,000 EOC $2,000,000 AGG |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: JOB NUMBER AND PROJECT NAME AND ADDRESS

Additional Insured with respect to General Liability and Umbrella/Excess Liability on a primary and non-contributory basis, where required by written agreement: Owner and Publican Engineering Inc.; Owner's Contractors Hauler; Waiver of Subrogation in favor of listed additional insureds with respect to General Liability, Auto Liability, Umbrella/Excess Liability and Workers Compensation policies. Additional Insured with respect to Pollution Liability coverage per ISO forms CG2010 and CG2037 or equivalent forms. Limits/deductibles as per bid/as-built specs and is primary and non-contributory.

CERTIFICATE HOLDER

OWNER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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## SECTION 8. PROSECUTION AND PROGRESS

### 8-1 SUBLETTING OR ASSIGNMENT OF CONTRACT

The Contractor shall not sublet, sell, transfer, assign, or otherwise dispose of the Contract or Contracts or any portion thereof, or of his right, title, or interest therein, without written consent of the City. In case such consent is given, the Contractor will be permitted to sublet a portion thereof, but shall perform with his own organization, Work amounting to not less than 50 per cent of the total Contract, except that any items designated in the Contract as "specialty items" may be performed by subcontract and may be deducted from the total Contract price before computing the amount of work required to be performed by the Contractor with his own organization. No subcontracts, or transfer of Contract, shall in any case release the Contractor of his liability under the Contract. All transactions of the City shall be with the Contractor; subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence.

### 8-2 PROGRESS SCHEDULE

Promptly after the award of the contract, if requested, the Contractor shall submit to the City a satisfactory progress schedule, which shall show the proposed sequence of work, and how the Contractor proposes to complete the various items of work within the number of days set up on the contract. The progress schedule shall be reviewed and revised periodically as working conditions warrant. The Contractor shall confer with the City in regard to the prosecution of the Work in accordance with this schedule. This schedule shall be used as a basis for establishing major construction operations, and for checking progress of the Work.

### 8-3 PRE-CONSTRUCTION CONFERENCE

Unless the need for a preconstruction conference is waived by the Engineer, the Contractor shall make himself and his representatives available to meet with the Engineer and other representatives of the City, prior to the start of construction to discuss scheduling, handling of materials, payments, etc.

### 8-4 PROSECUTION OF THE WORK

The Contractor shall begin the Work to be performed under the contract not later than ten (10) days after the execution and acceptance of the Contract, unless otherwise provided, but not prior to the execution of the Contract.

### 8-5 COMPLETION DATE

The Contractor shall complete all Work on or before the stipulated completion date, or on or before a later date determined as specified herein; otherwise, the City may proceed to collect liquidated damages described hereinafter.

When a delay occurs due to unforeseen causes beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of the public enemy, governmental acts, fires, floods, epidemics, strikes, extraordinary delays in delivery of materials caused by strikes, lockouts, wrecks, freight embargoes, governmental acts, or acts of God, the time of completion shall be extended in whatever amount is determined by the City.

An "Act of God" means an earthquake, flood, cloudburst, cyclone, or other cataclysmic phenomena of nature beyond the power of the Contractor to foresee or make preparation in defense against. A rain, windstorm or other natural phenomenon of normal intensity, based on U.S. Weather Bureau reports, for the particular locality and for the particular season of the year in which the work is being prosecuted, shall not be construed as an "Act of God", and no extension of time will be granted for the delays resulting therefrom.

**8-6 LIMITATIONS OF OPERATIONS**

The Contractor shall conduct his work so as to create a minimum amount of inconvenience to vehicular and pedestrian traffic. At any time when, in the judgment of the City, the Contractor has obstructed or closed the road or is carrying on operations on a greater portion of a street than is necessary for the proper prosecution of the Work, the City may require the Contractor to finish the section on which Work is in progress before the Work is started on any additional section. (See also Section 7-7).

**8-7 SUSPENSION OF WORK**

The City shall have authority to suspend the Work wholly or in part, for such period of time as he may deem necessary, due to conditions unfavorable for the satisfactory prosecution of the Work, or to conditions which in his opinion warrant such action; or for such time as is necessary by reason of failure on the part of the Contractor to carry out orders given, or to perform any or all provisions of the Contract. No additional compensation will be paid the Contractor because of any costs caused by such suspension, except when the suspension is ordered for reasons not resulting from any act or omission on the part of the Contractor. If it becomes necessary to stop Work for an indefinite period of time, the Contractor shall store all material in such manner that they will not obstruct or impede the traveling public unnecessarily or become damaged in any way, take every precaution to prevent damage or deterioration of the Work performed, provided suitable drainage of the roadway, and erect temporary structures where necessary. The Contractor shall not suspend Work without written authority from the City. (See also Section 7-15).

**8-8 DETERMINATION AND EXTENSION OF CONTRACT TIME FOR COMPLETION**

When the time for completion of the Work contemplated is specified in the Contract, it is understood that the completion of the Work within the time specified is an essential part of the Contract. If the Contractor finds it impossible to complete the Work within the time specified in the Contract, he may, at any time prior to the last thirty (30) days of the Contract time specified, make written request to the City for an extension of Contract time. He shall set forth in full in his request the reasons, which he believes justify the granting of his request. If the City finds that the Work is delayed because of conditions beyond the control of the Contractor, or that the quantities of work done, or to be done, are in excess, he shall promptly grant an extension of time for completion, which appears reasonable and proper. The extended time for completion shall then be considered as in effect the same as if it were the original Contract time for completion.

**8-9 FAILURE TO COMPLETE THE WORK ON TIME**

Should the Contractor fail to complete the Work within the Contract time the Contractor shall be liable to the City in the amount shown in the following schedule of deductions, as liquidated damages, and not

as a penalty, for each day of overrun in the Contract time or such extended time as may have been allowed.

**SCHEDULE OF DEDUCTIONS FOR EACH DAY OF OVERRUN IN CONTRACT TIME**

| Original Contract Amount | | Daily Charge | |
|---|---|---|---|
| From more than | To and Including | Calendar Day | Work Day |
| $ 0 | 100,000 | $ 475 | $ 675 |
| 100,000 | 500,000 | 750 | 1,050 |
| 500,000 | 1,000,000 | 1,025 | 1,425 |
| 1,000,000 | 3,000,000 | 1,275 | 1,725 |
| 3,000,000 | 6,000,000 | 1,425 | 2,000 |
| 6,000,000 | 12,000,000 | 2,300 | 3,450 |
| 12,000,000 | And over | 5,800 | 8,125 |

**8-10 DEFAULT ON CONTRACT**

If the Contractor fails to begin the Work under Contract within the time specified, or fails to perform the Work with sufficient workmen and equipment or with sufficient materials to insure the completion of said Work within the Contract time, or shall perform the Work unsuitable, or shall neglect or refuse to remove materials or perform anew such Work as shall be rejected as defective and unsuitable, or shall discontinue the prosecution of the Work, or if the Contractor shall become insolvent or be declared bankrupt, or shall commit any act of bankruptcy or insolvency, or shall make an assignment for the benefit of creditors, the City shall give notice in writing to the Contractor and his surety of such delinquency, said notice to specify the corrective measures required.

If the Contractor, within a period of ten (10) days after said notice, shall not proceed in accordance therewith, the City shall have full power and authority to forfeit the rights of the Contractor and at its

option to call upon the surety to complete the Work in accordance with the terms of the contract, or it may take over the Work, including any or all materials and equipment on the ground as may be suitable and acceptable, and may complete the Work with his own forces, or may enter into a new agreement for the completion of said Contract according to the terms and provisions thereof, or use such other methods as, in its opinion, shall be required for the completion of said Contract in an acceptable manner.

All costs and charges incurred by the City, together with the cost of completing the work under Contract, shall be deducted from the Contract amount. In case the expense so incurred by the City shall be less than the sum which would have been payable under the Contract if it had been completed by the Contractor, the Contractor shall be entitled to receive the difference subject to any claims for liens thereon in case such expense shall exceed the sum which would have been payable under the Contract, the Contractor and the surety shall be liable and shall pay to the City the amount of such excess.

### 8-11 TERMINATION OF THE CONTRACTOR'S RESPONSIBILITY

Whenever the Work called for by the Contract shall have been completely performed on the part of the Contractor and all parts of the Work have been approved and deemed to be in compliance with the Technical Plans and Specifications by the Engineer, according to the Contract, and the final estimate paid, the Contractor's obligations shall be considered fulfilled, except as set forth in his Bond, in Section 7-18 and his one-year guarantee, in Section 7-16.

## SECTION 9. MEASUREMENT AND PAYMENT

### 9-1 MEASUREMENT OF QUANTITIES

All Work completed under the Contract will be measured by the Engineer according to United States Standard Measures. The method of measurement shall be described in the Specifications or the Special Provisions.

### 9-2 SCOPE OF PAYMENT

The Contractor shall receive and accept the compensation as herein provided, in full payment for furnishing all materials, labor, tools and equipment; for performing all Work contemplated and embraced under the Contract; for all loss or damage arising out of the nature of the Work or from action of the elements; for any unforeseen difficulties or obstructions which may arise or be encountered during the prosecution of the Work until its final acceptance by the City; for all risks of every description connected with the prosecution of the Work; also, for all such expenses incurred by or in consequence of suspension or discontinuance of such prosecution of the work as herein specified, or for any infringement of patents, trademarks, or copyrights, and for completing the Work in an acceptable manner according to the Contract Documents.

Contractor will be paid in cash and/or negotiable warrants at intervals, and in accord with the terms of the Contract. Except for subdivision contracts, the City will retain ten percent (10%) of each periodic payment until final completion and acceptance by the City of all Work included in the Contract.

The payment of any current estimate prior to final acceptance of the Work by the City shall in no way constitute an acknowledgment of the acceptance of the Work, nor in any way prejudice or affect the obligation of the Contractor, at his expense, to repair, correct, renew, or replace any defects or imperfections in the construction or in the strength or quality of the materials used in or about the construction of the Work under Contract and its appurtenances, nor any damage due or attributable to such defects, which defects, imperfections, or damage shall have been discovered on or before the final inspection and acceptance of the Work. Defects, imperfections, or damage, shall be determined by the Engineer observing the work for compliance with the Plans and Specifications, and the Contractor shall be liable to the City for failure to correct the same as provided herein.

### 9-3 INCREASED OR DECREASED QUANTITIES

Whenever the quantity of any item of Work as given in the Proposal shall be increased or decreased, payment shall be made on the basis of the actual quantity completed at the unit price for such item named in the Proposal, except as otherwise provided in Sections 4-3 or in the detailed specifications for each class of Work.

**9-4 PAYMENT FOR EXTRA WORK**

Extra Work which results from any of the changes as specified in Section 4-3 shall not be started, except in case of an emergency, until receipt of a written authorization or Work order from the City, which authorization shall state the items of work to be performed and the method of payment for each item. Work performed without such order will not be paid for.

Extra work will be paid for:

A. Either at a lump sum price or at unit prices agreed upon by the Contractor and the City. {In case a Supplemental Agreement is signed between the Contractor and the City, the agreed prices pertaining thereto shall prevail).

B. If acceptable to the Engineer, on the following force account basis:

1. Labor. The Contractor will be paid the actual amount of wages for all labor and foreman in direct charge of the specific Work for each hour that said labor and foreman are actually engaged in such Work, to which cost shall be added twenty percent (20%) of the sum thereof.

2. Bond, Insurance, Tax, Welfare Fund and other Payments. The Contractor will receive the actual cost of Contractor's bond, public liability and property damage insurance, workmen's compensation insurance, social security tax, welfare fund and other payments, if any, in accordance with agreements applicable to the Contract, required for force account work, to which no percentage shall be added. The Contractor shall furnish satisfactory evidence of the rate or rates paid for such bond, insurance tax, welfare fund and other payments.

3. Materials. The Contractor will receive the actual cost for all materials which are an integral part of the finished Work, including freight charges as shown by the original receipted bills, to which shall be added fifteen percent (15%) of the sum thereof.

   The Contractor will be reimbursed for any materials used in the construction of the Work, such as sheeting, false work, form lumber, curing materials, etc., which are not an integral part of the finished Work. The amount of reimbursement shall be agreed upon in writing before such Work is begun, and no percent shall be added. The salvage value of such materials shall be taken into consideration in the reimbursement agreed upon.

4. Equipment. Machinery and equipment, which the Contractor has on the job for use on contract items, shall be used on extra Work as deemed necessary or desirable. The Contractor will be paid for all machinery and equipment used on extra work in accordance with the latest revision of "SCHEDULE OF AVERAGE ANNUAL EQUIPMENT CITYSHIP EXPENSE WITH OPERATING COST" as issued by the Department of Transportation, State of Illinois, for the period that said machinery and equipment are in use on such Work, to which no percent shall be added. In the event that

equipment is used which is not included in aforesaid publication, the latest edition of the "Compilation of Nationally Averaged Rental Rates for Construction Equipment" complied by Equipment Distributors, 615 West 22nd Street, Oak Brook, Illinois 60521, shall be used to determine equipment rental rates and no percent shall be added to the rates indicated in such publication.

**9-5 PAYMENT FOR SUBCONTRACTING, EXTRA WORK**

Where an authorized subcontractor performs some or all of the Work qualifying as an Extra Work item and compensation is to be based on the terms of paragraph 9-4 (2), the cost of labor, bonds, material and equipment shall be the cost to the subcontractor on these items and an additional allowance to the prime Contractor of five percent (5%) of all costs as determined in paragraph 9-4 (2) shall be made in such instances.

**9-6 PARTIAL PAYMENTS**

Once each month, the Contractor will make an approximate estimate, in writing, of the materials in place complete, the amount of Work performed, and the value thereof, at the contract unit prices. From the amount so determined of completed work there shall be deducted ten percent (10%) to be retained until after the completion of the entire Work to the satisfaction of the City, and the balance certified to the City for payment.

In addition, an estimate may, at the discretion of the City and upon presentation of receipted bills and freight bills, be made for payment of the value of acceptable non-perishable materials delivered at the Work site or in acceptable storage places and not used at the time of such estimate. The care and storage of such material shall be the Contractor's responsibility. In the absence of receipted bills, an estimate may, at the request of the Contractor and at the discretion of the City, be made for payment of the value of materials in acceptable storage places and not used at the time of the estimate, but in such an event payment shall be made of such amounts by a check requiring the endorsement of both the Contractor and materials supplier. Endorsement of such a check by the material supplier shall be construed a waiver of lien for the cost of materials covered by the check. Such materials, when so paid for by the City, shall become the property of the City, and in the event of default on the part of the Contractor, the City may use or cause to be used such materials in the construction of the Work provided for in the Contract. The amount thus paid by the City shall be deducted from estimates due the Contractor as the material is used in the Work.

**9-7 ACCEPTANCE AND FINAL PAYMENT**

Whenever the Work provided for by the Contract shall have been completely performed on the part of the Contractor, and all parts of the Work have been deemed to be in substantial compliance with the Plans and Specifications by the Engineer and accepted by the City, a final estimate showing the value of the Work will be prepared by the Engineer as soon as the necessary measurements and computations can be made, all prior estimates upon which payments have been made being approximate only and subject to correction in the final payment. The amount of this estimate, less any sums that have been deducted or retained under the provisions of the Contract, will be paid to the Contractor as soon as practicable after the final acceptance, provided the Contractor has furnished to the City satisfactory evidence that all sums of money due for any labor, materials, apparatus, fixtures, or machinery furnished for the

purpose of such Work have been paid or that the person or persons to whom the same may be due have consented to such final payment.

Neither the final payment on this contract by the City nor any provisions in the contract documents shall relieve the Contractor of the responsibility for negligence in the furnishing and installation of faulty materials or for faulty workmanship which shows up within the extent and period provided by law or within the guarantee period of one (1) year from final acceptance of the work performed under this Contract, whichever is greater, nor of the responsibility of remedying such faulty workmanship and materials.

The acceptance by the Contractor of the final payment shall constitute a release and waiver of all claims by the Contractor except those previously made and still unsettled.

**9-8 CITY'S RIGHT TO WITHHOLD CERTAIN AMOUNTS**

The City may withhold, in addition to retained percentages, from payment to the Contractor, such an amount or amounts as may be necessary to cover:

A. Payments that may be earned or due for just claims for labor and materials furnished in and about the Work.
B. For defective Work not remedied.
C. For failure of the Contractor to make proper payments to his subcontractors.
D. For reasonable doubt that the contract can be completed for the balance then unpaid.

The City will disburse and shall have the right to act as agent for the Contractor in disbursing such funds as have been withheld pursuant to this paragraph to the party or parties who are entitled to payment therefrom. The City will render to the Contractor a proper accounting of all such funds disbursed on behalf of the Contractor.

The City also reserves the right, even after full completion and acceptance of the Work, to refuse payment of the final ten percent (10%) due the Contractor, until it is satisfied that all subcontractors, material suppliers, and employees of the Contractor have been paid in full.

**9-9 RELEASE OF CLAIMS AND LIENS**

Neither the final payment nor any part of the retained percentage shall become due until the Contractor shall deliver to the City a complete release of all claims or liens arising out of this contract, or receipts in full in lieu thereof and, if required in either case, an affidavit that so far as he has knowledge or information the release and receipts include all the labor and materials for which a lien or claim could be filed; but the Contractor may, if a subcontractor refuses to furnish a release or receipt in full, furnish a bond satisfactory to the City to indemnify the City against any claim or lien (in cases where such payment is not already guaranteed by surety bond). If any claim or lien remains unsatisfied after all payments are made, the Contractor shall refund to the City all monies that the latter may be compelled to pay in discharging such a lien, including all costs and a reasonable attorney's fee.

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**Report On: Geotechnical Exploration** **Lab No: 16397**

**Project No:** 2023-1301-04G **Cust No:**1301 **Page 1 of 1**

| | | | |
|---|---|---|---|
| **Client:** | V3 Co. | **Report Date:** | 09/21/2023 |
| **Project:** | Crest Hill Water Main Replacement-Geotechnical Exploration and Pavement Thickness Determination | **Test Date:** | 08/21/2023 |
| **Report No:** | 001 | | |
| **Location:** | Various Locations, Crest Hill, IL | | |

See attachment for the Geotechnical Exploration/Feasibility Study Report for Water Main Improvements and Pavement Thickness Determination at Various Locations within Village of Crest Hill.

Orig: V3 Co. Attn: Mr.Jason Holy (1-ec copy)
1-cc Laboratory

Respectfully Submitted,

Umar I. Ahmad, PE

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.
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# GEOTECHNICAL EXPLORATION REPORT/ FEASIBILITY STUDY FOR Water Main Improvements and Pavement Thickness Determination at Various Locations Crest Hill, IL

## PROJECT NUMBER 2023-1301-04G

**Prepared For**

**Mr. Jason Holy**
**V3 Companies**
**7325 Janes Avenue**
**Woodridge, IL 60517**

23856 W. Andrew Rd., Unit 103, Plainfield, L 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

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**Mr. Jason Holy**
**V3 Companies**
**7325 Janes Avenue**
**Woodridge, IL 60517**

**Date: 9/11/2023**

RE: Preliminary Geotechnical Exploration Report-Feasibility Study and Pavement Thickness Determination for the Water Main Improcements at Various Locatiuons
Crest Hill, IL

Dear Mr. Holy:

Following your authorization on August 7, 2023, of our proposal dated August 7, 2023; we have completed this geotechnical exploration. Enclosed you will find the results of our field exploration, related laboratory testing, and geotechnical exploration report. This report is the instrument of service defined in our proposal; we are also submitting electronic copies.

We have enjoyed working with you on this phase of the project. Should you have any questions or if we can be of further assistance, please do not hesitate to contact us.

Sincerely,
NASHnal Soil Testing, LLC

Umar T. Ahmad, PE
Registered Professional Engineer, Illinois
Registration # 062-055148

UMAR T. AHMAD
062-055148
REGISTERED
PROFESSIONAL
ENGINEER
OF
ILLINOIS

Expires 11/30/2023


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# GEOTECHNICAL EXPLORATION REPORT/ FEASIBILITY STUDY FOR Water Main Improvements and Pavement Thickness Determination at Various Locations Crest Hill, IL

## PROJECT NUMBER 2023-1301-04G


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## INTRODUCTION

It is our understanding that the Village of Crest Hill is planning to improve the water Main along Circle Street, Green Street, and Oakland Avenue in Crest Hill, Illinois and would like to determine if the area is suitable for the proposed improvements.

At the time of our initial site visit, the area consisted of existing paved roadways/Streets. The topography of the site was observed to be relatively sloping towards the South and West with surface elevations ranging from 597.00 to 639.00 between our borings. Elevations were assigned based on GPS coordinates and Google Earth. We strongly recommend that your project surveyor toe these elevations to National Geodetic Vertical Datum.

To evaluate the subsurface soil profile in the area of the proposed improvements, the client requested to drill ten (10) soil borings extending to a depth of 10 feet each below the existing grade (BEG).

Based upon our findings in this subsurface investigation, we believe that the major limiting geotechnical concerns for the water main improvements would be the stiff and firm lean clay with high moisture encountered in B-1, B-5 & B-6.

## SCOPE OF SERVICES

The purpose of this report is to describe the soil and groundwater conditions encountered in our geotechnical exploration, to review and evaluate these conditions with respect to the proposed project, and to present the conclusions and recommendations. Our scope of services for this project, as outlined in our proposal, is limited to the following elements.

1. Exploration of the subsurface soil and groundwater conditions by drilling and sampling ten (10) soil borings extending to a depth of 10 feet each below the existing ground surface (BEG).

2. Laboratory testing of selected samples for index classification and strength purposes and visual/manual classification of all recovered samples.

3. Development of Geotechnical recommendations, and preparation of this report presenting our findings, evaluations, and recommendations.


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## FIELD EXPLORATION PROCEDURES

A total of ten (10) soil borings to a depth of 10 feet each were drilled for the watermain improvement. The drilled soil boring locations are shown on the enclosed Plate 2 (Boring Location Diagrams). The GPS coordinates are written on top of each boring log. The client specified the number, depths, and locations of the borings.

The borings were drilled using a track mounted Geoprobe 7822 DT drill rig, using hollow stem augers to advance the boreholes. The soil sampling was performed in accordance with the split-barrel procedure (ASTM: D 1586) with an automatic hammer, and in-situ undisturbed samples were retrieved using a split spoon sampler. The field engineer-maintained field logs noting the drilling and sampling methods, along with Standard Penetration values (N-values, "blows per foot"), observed groundwater levels, and preliminary soil classifications. Representative samples of the recovered soils were placed in sealed jars to reduce moisture loss before being submitted to our laboratory for examination, testing, and final classification by a Geotechnical Engineer.

If present, groundwater levels in the boreholes were measured during and after drilling. The levels of any encountered water are noted on the respective logs. The observed groundwater levels are discussed under the "Groundwater Conditions" section of this report. The drill crew backfilled the boreholes with soil cuttings after completing the groundwater measurements.

## LABORATORY TESTING AND CLASSIFICATION

A Geotechnical Engineer initiated the laboratory classification program by examining each sample to determine the major and minor components, while also noting the color, degree of saturation, and lenses or seams found in the samples. The Engineer directed that selected samples be tested for moisture content and unconfined compressive strength (by hand penetrometer). The test results are shown on the respective logs in the Appendix.

The Geotechnical Engineer visually/manually classified the soils based on texture and plasticity in accordance with the Unified Soil Classification System (USCS). The capital letters in parentheses following the written soil descriptions on the boring logs are estimated group symbols based on this system. A chart describing the properties of the groups under this system is also included in the Appendix. After the classification, the Geotechnical Engineer grouped the soils by type into the strata shown on the boring logs. The stratification lines shown are approximate, *in situ*, as the transition between soil types may be abrupt or gradual in both the horizontal and vertical directions.

Soil samples will be retained for ninety (90) days after the date of this report. Please notify us if there is a desire to have the samples retained beyond this period; otherwise, the samples will be discarded.


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## SITE CONDITIONS

### Topography/Surface Features

At the time of our initial site visit, the areas were paved roads. The topography of the site was observed to be relatively sloping towards the South and West with surface elevations ranging from 597.00 to 639.00 between our borings. Elevations were assigned based on GPS coordinates and Google Earth. We strongly recommend that your project surveyor tie these elevations to National Geodetic Vertical Datum.

### Soil Conditions

The soils encountered are shown on the borehole log in the Appendix of this report. The soil characteristics have been established only at the specific boring locations and under the environmental conditions at the time of our field exploration. Variations in the soil stratigraphy, compressive strength of the soil, and moisture content were encountered; and additional variations probably exist between and around the borings. The nature and extent of these variations would not become evident until exposed by construction excavation.

In general, underlying the surficial silty clay topsoil and fill soils, the site is predominately formed of soft to stiff lean clay, loose to medium dense silty sand. The soil profile described below is a generalized description of the conditions encountered at the boring location. The borehole log should be referred to for more specific information.

Borings B-1-Core C-1: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-2-Core C-2: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-3-Core C-3: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-4-Core C-3: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-5-Core C-5: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-6-Core C-6: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-7-Core C-7: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-8-Core C-8: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-9-Core C-9: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-10-Core C-10: Pavement cores for Asphalt thickness only (See Plate 13)

In boring B-1, Approximately 3.5 inches of asphalt and 7 inches of aggregate base were noted at the surface followed by very stiff to stiff to hard brown and gray mottled lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-2, Approximately 4.5 inches of asphalt and 7 inches of aggregate base were noted at the surface followed by very stiff, brown and gray mottled lean clay (CL) was encountered to an approximate depth of 6.0 feet BEG. Underlying the brown and gray mottled lean clay (CL), hard, brown lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG followed by hard, gray lean clay (CL) to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.


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In boring B-3, Approximately 5.5 inches of asphalt and 8 inches of aggregate base were noted at the surface followed by very stiff, dark brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the dark brown lean clay (CL), stiff to very stiff, brown and gray mottled lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG followed by very stiff, gray lean clay (CL) to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-4, Approximately 5 inches of asphalt and 7 inches of aggregate base were noted at the surface followed by very stiff, dark brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the dark brown lean clay (CL), hard, brown and gray mottled lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG followed by hard, gray lean clay (CL) to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-5, Approximately 4.5 inches of asphalt and 7 inches of aggregate base were noted at the surface followed by hard, dark brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the dark brown lean clay (CL), firm, light brown and gray mottled lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG followed by very stiff, gray lean clay (CL) to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-6, Approximately 10 inches of asphalt and 9 inches of aggregate base were noted at the surface followed by loose, brown, and gray gravelly sand fill (FILL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the brown and gray gravelly sand fill (FILL), hard, to stiff brown lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. Free ground water was encountered during drilling at 7.5 feet BEG. No free ground water was encountered after drilling.

In boring B-7, Approximately 10 inches of asphalt and 5 inches of aggregate base were noted at the surface followed by hard, brown lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG. Underlying the brown lean clay (CL), very stiff, brown and gray lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. Free ground water was encountered during drilling at 7.5 feet BEG. No free ground water was encountered after drilling.

In boring B-8, Approximately 5 inches of asphalt and 6 inches of aggregate base were noted at the surface followed by hard brown and gray mottled lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-9, Approximately 9 inches of asphalt and 9 inches of aggregate base were noted at the surface followed by very stiff, brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the brown lean clay (CL), hard, brown, and gray mottled lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.


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In boring B-10, Approximately 9 inches of asphalt and 6 inches of aggregate base were noted at the surface followed by very stiff, dark brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the dark brown lean clay (CL), very stiff to hard, brown lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

The soft to hard consistency of silty clay was exhibited by calibrated pocket penetrometer resistance (PPR) values of 0.5 ton per square foot (tsf) to more than 4.5 tsf. Natural moisture content in silty clay was tested to range from 13.1 to 28.4 percent.

## Groundwater Conditions

Groundwater level observations were made during and upon completion of drilling. Free groundwater was encountered during drilling in boring locations B-6 & B-7. No free ground water was encountered after drilling at all boring locations.

It should be noted that groundwater levels are subject to seasonal and long-term variations in response to climatic conditions and man-made influences. Groundwater levels particularly in less permeable cohesive soils (clay) like those found at the site occasionally, may not have had adequate time to stabilize prior to backfilling the boreholes. The hydrostatic groundwater level and any perched water levels will vary in elevation seasonally and annually depending on local amounts of precipitation, evaporation, surface runoff, infiltration, and land use. If detailed information about the groundwater levels is required, we recommend installing piezometers or monitoring wells to permit long-term observation of the groundwater levels and the fluctuations in these levels.

The stratifications shown on the Boring Logs represent the conditions at the actual boring locations. Variations may occur and should be expected between boring locations. The stratifications represent the approximate boundary between subsurface materials and the actual transition may be gradual.

Brown and gray coloration is typically an indication of a semi-permanent groundwater table. The brown and gray coloration of clay soils is indicative of oxidation whereas the gray coloration is indicative of a lack of oxidation which tends to occur below the lowest level of groundwater.

# *REVIEW AND RECOMMENDATIONS*

## Discussion

Based upon our analysis of the soil conditions, limited laboratory analysis and the available project information, the following recommendations were developed. If the project characteristics are changed from those assumed herein, our recommendations should be reviewed to see


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whether any modifications are needed. The soil conditions that were found will permit for the use of traditional waterline support for the proposed project.

## Site Preparation

After excavation for water Main, the exposed, naturally occurring subgrade soil should be observed and tested by a Geotechnical Engineer or an experienced Materials Technician from **NASHnal Soil Testing, LLC** office to identify unsuitable soils if encountered.

## Pipe Subgrade

Open Trench for the planned water main and services should be installed and backfilled in accordance with the current Standard Specifications for Water and Sewer Main Construction as recommended by **Illinois Department of Transportation** (IDOT). The water main should be installed in accordance with the project details to provide proper support for the pipe.

A minimum of Ten (10) inches of bedding stone (such as material meeting IDOT gradation requirements of CA-7 or other approved material) should be placed under the pipe and cover lower half of the pipe placed. Cobbles and boulders greater than three (3) inches in diameter should be removed from the pipe subgrade with their voids filled with bedding stone. The planned utilities are anticipated to include ductile iron pipe (DIP) or PVC Pipe. The planned invert elevation was not provided in the project documents but is anticipated to be located at a depth ranging from 4 to 8 feet below existing grade.

As revealed by the soil borings, subgrade soil will mostly be comprised of firm to hard clay and are suitable for the proposed construction. Any areas found to be unsuitable within the pipe bedding and/or in excavation should be undercut further and replaced with new approved compacted bedding material. When excavating for trenches, the subgrade soil should be carefully observed, and any unsuitable or unstable materials should be removed from the exposed trench bottom. If perched water is encountered or if rain or snowfall occurs, dewatering may be required in these areas when exposed or if subjected to any other form of water infiltration that would saturate the area.

Granular fill meeting the CA-6 gradation specifications should be placed in 8 to 10-inch loose lifts and compacted to at least 95% of the maximum Modified Proctor dry density (ASTM: D 1557). If used above the bedding material for trench backfill, clayey materials should be placed in 6 to 8-inch loose lifts and compacted to at least 95% of the maximum Modified Proctor dry density (ASTM: D 1557) or 98% of the maximum Standard Proctor dry density (ASTM: D 698). Please refer to the notes in the report Appendix concerning placement of compacted fill soils.

Care should be exercised so as not to disturb the clayey, bearing materials encountered at the bottom of the excavation. The exposed subgrade should be carefully observed by our representative to verify that the new bedding material will be placed on suitable bearing materials.


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Representative samples should be tested in the excavations to verify that the materials at the subgrade resemble those described on the Boring Logs. Any unsuitable, mixed, or organic materials should be completely removed from these areas.

**Trenchless Excavation / Horizontal Directional Drilling (HDD):**

Trenchless Excavation or Horizontal directional drilling (HDD) method can also be an option for this project. HDD typically includes drilling a pilot hole to a specified point. The hole is then enlarged gradually using a proper tool to approximately 1.5 times the diameter of the new pipe. The pipe is pulled back through the drilled path towards the drill rig. The pipe may be pulled back using either the cartridge method which involves connecting the joints during installation or the assembly line method which involves stringing out the pipe and connecting the joints at the ground surface prior to pulling back.

The unsuitable relatively low strength material was encountered at 6.5-8.5 feet below existing grade (BEG) in B-1, at 3.5-8.5 feet BEG in B-5, and 6.5-10.0 feet BEG at B-6. If the planned pipe depth is anticipated to be in this profile especially what is called firm to stiff lean clay materials, this may cause some restraints to HDD installation, however contractor should be ready to deal with such concerns and should be dealt by the contractor as means and method of installation. There may not be caving concerns in all borings during installation of HDD. In general, the subsurface soils are considered suitable for trenchless excavation/HDD methods.

As a general industry practice, the use of thick drilling mud, comprised of a bentonite slurry, is recommended to lubricate the cutting head during the drilling operations and coat/seal and maintain the bored path prior to and during installation or pull back. Resistivity, pH and any other testing was not part of our scope.

**Pipe Corrosion Potential:**

Based upon the limited testing performed such as pH value, Soil Corrosivity potential is minimal. The pH value of selective 3 samples were taken from upper 8 feet of boring B-2, B-3 and B-8 and determined the pH values of 8.0, 8.1 and 8.1 respectively.

Ductile iron pipe (DIP) if used should be protected using a polyethylene wrap, installed in accordance with ANSI/AWWA specifications/project specifications. Design should include an investigation for potential stray currents in the area. Cathodic protection to adjacent pipes or utilities in the area can be a source for higher amounts of potential stray currents. If that is the case, additional protection may be required.


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## CONSTRUCTION CONSIDERATIONS

### Groundwater

Based on the conditions found in some of the borings, free groundwater (possibly perched) is expected during the excavation for trenches or during the soil improvement process. Any water, which enters excavations from perched groundwater seepage, surface run-off, or direct precipitation, must be promptly pumped out. Water must not be allowed to pond in the trenches on exposed bearing soils or subgrade soils since it could soften and disturb them. The contractor should be prepared to handle surface groundwater encountered during the construction. The contractor shall plan an appropriate dewatering scheme so that all construction activities are performed in dry and stable conditions.

### Equipment Selection/Soil Disturbance

The soil types at this site, particularly the silty clays when they are saturated or during freeze/thaw conditions, could be disturbed by construction equipment. It is the contractor's responsibility to choose equipment and work procedures, which will not unduly disturb the subgrade soils in the construction and landscaped areas. The contractor should also route construction traffic away from areas of planned pavement and slabs, to minimize soil disturbance.

If the equipment that is chosen causes rutting or pumping of the soils, it is the contractor's responsibility to switch to other types of equipment. The responsibility to properly select construction equipment to avoid disturbing soils on the site lies solely with the contractor. A note to this effect should be included in the project specifications.

### Winter Construction

If the construction of this project begins or extends into the winter, the contractors must take special precautions. Only unfrozen fill and backfill should be used, and contractors may charge extra for importing unfrozen soil or keeping stockpiles of backfill from freezing. Clay soils will be especially difficult to work with under cold wet and/or freezing conditions. Placement of fill and/or concrete must is not permitted on frozen soil, and the bearing soils or subgrade should not be allowed to freeze after the concrete is placed. All footing excavations should be protected from freezing conditions and maintained free of ponded water before concrete placement. The concrete should be cast as soon as possible after excavation is prepared and backfilled as soon as possible after the concrete has attained its strength.


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## Construction Safety

All excavations must comply with the requirements of OSHA 29 CFR, Part 1926, Subpart P "Excavations and Trenches." This document states that excavation safety is solely the responsibility of the contractor; the determination of SAFE slopes for excavation and trenches is to be made by the contractor's "competent person." Reference to this OSHA requirement should be included in the job specifications. The temporary excavation slopes greater than 5 feet in depth should conform to OSHA regulations. In general, such slopes should not be steeper than 1.5 horizontal to 1 vertical (OSHA Soil Type C), unless shoring is used.

The responsibility to provide safe working conditions on this site for earthwork, proposed construction, or any associated operations, is not borne in any manner by NASHnal Soil Testing, LLC.

## Field Observation and Testing

Proper observation and testing during the construction phase of this project is an integral part of our recommendations. On-site observation during site preparation, fill placement, compaction, and construction, should be done by qualified personnel from **OUR** office. Exposed soils in excavations for backfill should be tested by means of hand auguring, and with a Dynamic Cone Penetrometer (DCP) in sandy soils or a Static Cone Penetrometer (SCP) in clayey soils.

Proposed fill materials should be submitted to our lab for Proctor compaction tests, and tests to check compliance with our recommendations and project specifications. A representative number of field density tests should be taken in compacted fill to aid in judging its suitability. The materials placed should be tested in accordance with the project specifications. We would be pleased to provide the testing services for this project.

## *GENERAL QUALIFICATIONS*

This report has been prepared based on the soil and groundwater conditions found in our borings and on the design data that you have related to us. This report is intended solely for this project at the specific locations identified in the Introduction and Scope of Services. If there are any changes in size, scope, elevation, structural loads, location, use or nature of the construction from those discussed in the introduction of this report, or if our understanding of the project is incorrect or incomplete, we should be given the opportunity to review or modify our recommendations. If changes are made in the design and we are not given the opportunity to review these changes relative to our recommendations and to respond in writing, or we are not provided the opportunity to confirm the soil conditions are as expressed in this report during the construction of this project, our recommendations will not be considered valid.


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For this geotechnical exploration, we drilled ten (10) soil borings in the specified areas. Variations in the subsurface conditions were found, and it is probable that additional variations exist on the site that cannot be determined from our borings or the site reconnaissance. These variations, which could include greater or shallower depths of unsuitable soils than found at our borings, would not become apparent until the excavation is started. No warranty, express or implied, is presented in this report with respect to the soil and groundwater conditions on this site.

## ***STANDARD OF CARE***

The recommendations and opinions contained in this report are based on our interpretation of the subsurface conditions and represent our professional judgment. These judgments were determined in accordance with currently accepted engineering practices at this time and location, by professionals working under similar time and budget constraints. No other warranty is implied or intended.

Prepared by:

Umar T. Ahmad, PE
Registered Professional Engineer, Illinois
Registration # 062-055148




Expires 11/30/2023


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# ***APPENDIX***

SITE LOCATION DIAGRAM (Plate No. 1)

BORING LOCATION DIAGRAMS (Plate No. 2)

BORING LOGS (Plate No. 3 to 12)

PAVEMENT CORE DATA (Plate 13)

KEY TO TEST DATA

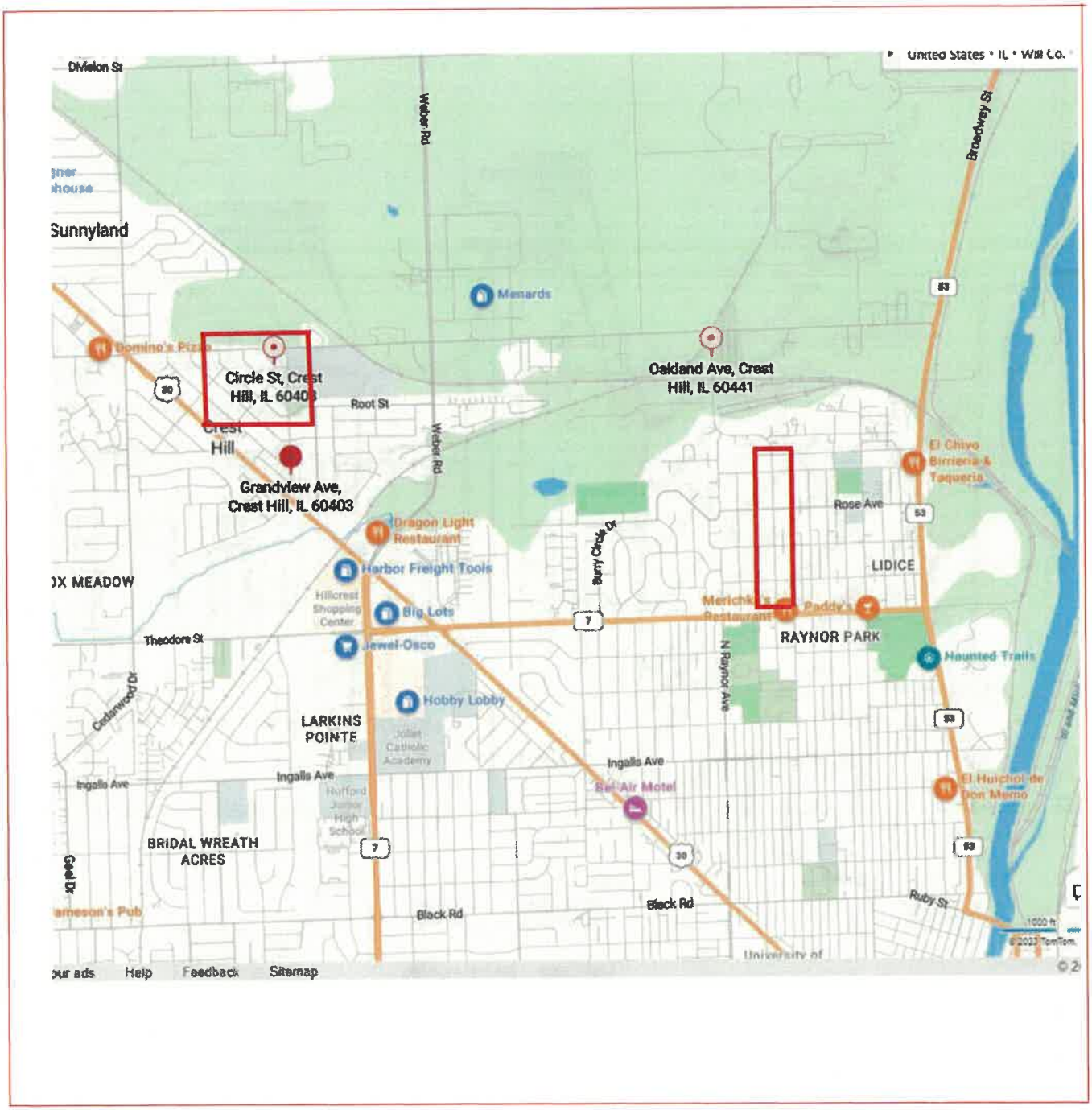
CLASSIFICATION OF SOILS

NOTES ON PLACEMENT OF COMPACTED FILL



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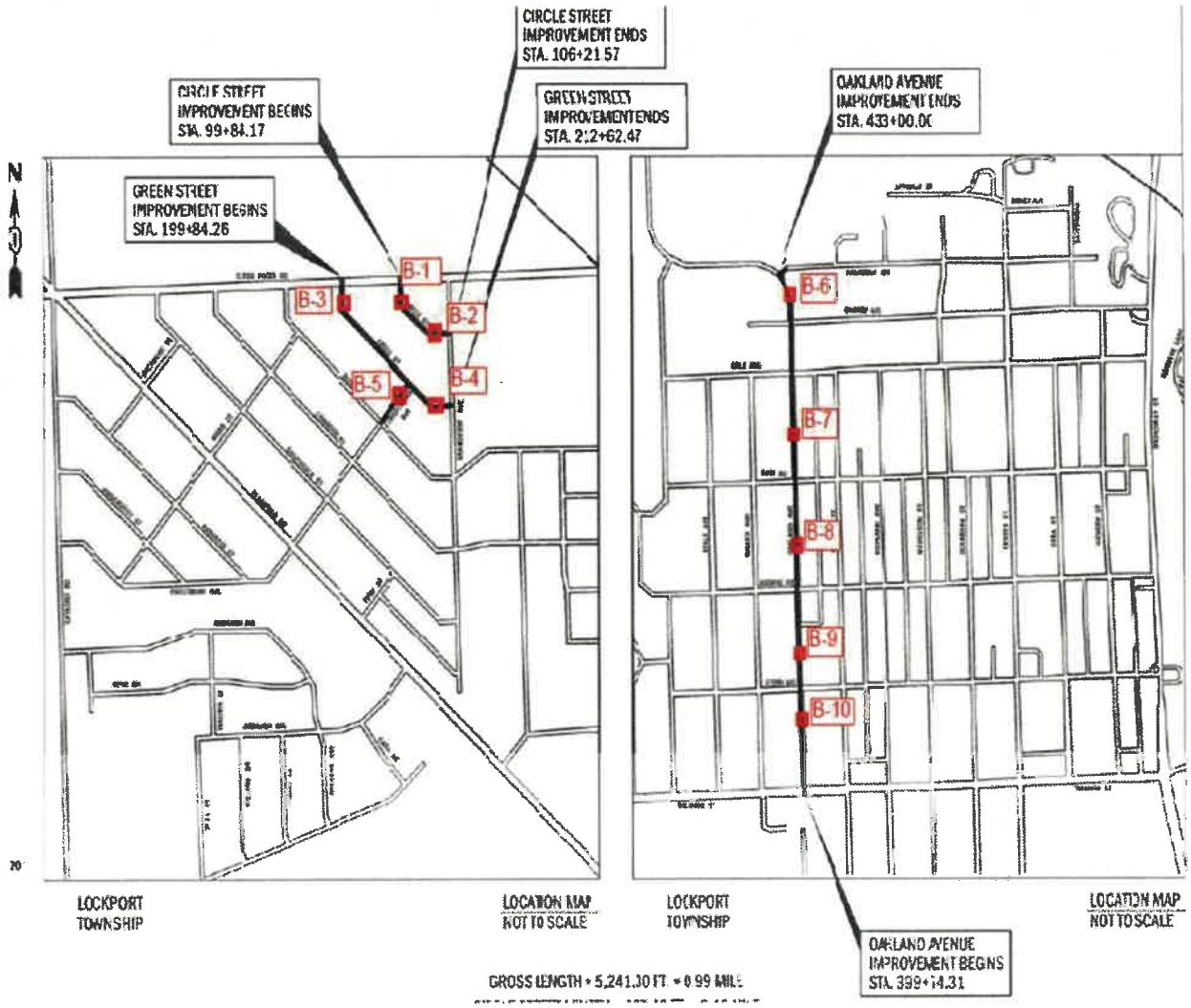
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2023-1301-04G

Plate No. 1

# Water Main Improvements at Various Locations Village of Crest Hill, IL Site Location Diagram




**2023-1301-04G** **Plate No. 2**

# Water Main Improvements at Various Locations Village of Crest Hill, IL Boring Location Diagram

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23856 W. Andrew Rd, Unit 103, Plainfield, IL

**BOREHOLE LOG** — **Number B-1**

| | |
|---|---|
| **Client** | V3 Companies — **Plate 3** |
| **Location** | Water Main Improvements along Circle Street, Crest Hill, IL (41.565544, -88.132616) |
| **Job Number** | 2023-1301-04G |
| **Drill Rig Type** | Geoprobe 7822 |
| **Sampler Type** | Split Spoon (SS) |
| **Boring Location** | See Plate 2 |
| **Boring Elevation (ft)** | 621.00 — **Date:** 8/21/2023 |

| Sample # | Sampling Method | Qp (tsf) | Sample Recovery (in) | Moisture Content (%) | Driving Resistance Blows/Ft (N) | Depth (ft) | Sample Depth | Graphic | Soil Description | Elevation (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0.5 | | AS & AGG | **3.5 Inches of Asphalt & 7 Inches of Aggregate Base** | 620.50 |
| | | | | | | 1.0 | | | | 620.00 |
| | | | | | | 1.5 | | CL | **Brown and Grey Mottled Lean Clay (CL)** | 619.50 |
| 1 | SS | 2.75 | 15.0 | 24.9 | 8 | 2.0 | | | Trace Sand and Gravel-Very Stiff | 619.00 |
| | | | | | | 2.5 | | | **Unit Weight 102.8 pcf** | 618.50 |
| | | | | | | 3.0 | | | | 618.00 |
| | | | | | | 3.5 | | | | 617.50 |
| | | | | | | 4.0 | | | | 617.00 |
| 2 | SS | 1.75 | 18.0 | 17.4 | 4 | 4.5 | | | Stiff | 616.50 |
| | | | | | | 5.0 | | | **Unit Weight 110.6 pcf** | 616.00 |
| | | | | | | 5.5 | | | | 615.50 |
| | | | | | | 6.0 | | | | 615.00 |
| | | | | | | 6.5 | | | | 614.50 |
| 3 | SS | 1.00 | 18.0 | 23.3 | 10 | 7.0 | | | | 614.00 |
| | | | | | | 7.5 | | | Stiff | 613.50 |
| | | | | | | 8.0 | | | **Unit Weight 99.9 pcf** | 613.00 |
| | | | | | | 8.5 | | | | 612.50 |
| | | | | | | 9.0 | | | | 612.00 |
| 4 | SS | 4.50 | 18.0 | 18.4 | 10 | 9.5 | | | Hard | 611.50 |
| | | | | | | 10.0 | | | **Unit Weight 116.2 pcf** | 611.00 |

**End of Boring at 10'**

Water Level While Drilling : DRY

Water Level After Drilling : DRY

Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

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23856 W. Andrew Rd, Unit 103, Plainfield

**BOREHOLE LOG** **Number B-2**

| | |
|---|---|
| **Client** | V3 Companies **Plate 4** |
| **Location** | Water Main Improvements along Circle Street, Crest Hill, IL (41.565095, -88.131991) |
| **Job Number** | 2023-1301-04G |
| **Drill Rig Type** | Geoprobe 7822 |
| **Sampler Type** | Split Spoon (SS) |
| **Boring Location** | See Plate 2 |
| **Boring Elevation (ft)** | 624.00 **Date:** 8/21/2023 |

| Sample # | Sampling Method | Qp (tsf) | Sample Recovery (in) | Moisture Content (%) | Driving Resistance Blows/Ft (N) | Depth (ft) | Sample Depth | Graphic | Soil Description | Elevation (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0.5 | | AS & AGG | **4.5 Inches of Asphalt & 7 Inches of Aggregate Base** | 623.50 |
| | | | | | | 1.0 | | | | 623.00 |
| | | | | | | 1.5 | | | | 622.50 |
| 1 | SS | 2.50 | 17.0 | 23.9 | 8 | 2.0 | | | **Brown & Grey Mottled Lean Clay (CL)** | 622.00 |
| | | | | | | 2.5 | | | Trace Gravel-Very Stiff | 621.50 |
| | | | | | | 3.0 | | | **Unit Weight 108.6 pcf** | 621.00 |
| | | | | | | 3.5 | | CL | | 620.50 |
| | | | | | | 4.0 | | | | 620.00 |
| 2 | SS | 2.50 | 10.0 | 17.7 | 11 | 4.5 | | | Very Stiff | 619.50 |
| | | | | | | 5.0 | | | **Unit Weight 112.1 pcf** | 619.00 |
| | | | | | | 5.5 | | | | 618.50 |
| | | | | | | 6.0 | | | | 618.00 |
| | | | | | | 6.5 | | | **Brown Lean Clay (CL)** | 617.50 |
| 3 | SS | 4.50 | 18.0 | 16.6 | 15 | 7.0 | | | Trace Gravel-Hard | 617.00 |
| | | | | | | 7.5 | | CL | **Unit Weight 116.4 pcf** | 616.50 |
| | | | | | | 8.0 | | | | 616.00 |
| | | | | | | 8.5 | | | | 615.50 |
| | | | | | | 9.0 | | | **Grey Lean Clay (CL)** | 615.00 |
| 4 | SS | 4.50 | 18.0 | 18.3 | 16 | 9.5 | | CL | Trace Gravel-Hard | 614.50 |
| | | | | | | 10.0 | | | **Unit Weight 115.0 pcf** | 614.00 |

**End of Boring at 10'**

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

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23856 W. Andrew Rd, Unit 103, Plainfield

**BOREHOLE LOG** — **Number** B-3

| | |
|---|---|
| **Client** | V3 Companies — **Plate 5** |
| **Location** | Water Main Improvements along Green Street, Crest Hill, IL (41.565503, -88.134245) |
| **Job Number** | 2023-1301-04G |
| **Drill Rig Type** | Geoprobe 7822 |
| **Sampler Type** | Split Spoon (SS) |
| **Boring Location** | See Plate 2 |
| **Boring Elevation (ft)** | 619.00 — **Date:** 8/21/2023 |

| Sample # | Sampling Method | Qp (tsf) | Sample Recovery (in) | Moisture Content (%) | Driving Resistance Blows/Ft (N) | Depth (ft) | Sample Depth | Graphic | Soil Description | Elevation (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0.5 | | AS & AGG | **5.5 Inches of Asphalt & 8 Inches of Aggregate Base** | 618.50 |
| | | | | | | 1.0 | | | | 618.00 |
| | | | | | | 1.5 | | | **Dark Brown Lean Clay (CL)** | 617.50 |
| 1 | SS | 3.25 | 15.0 | 24.4 | 9 | 2.0 | | | Trace Sand and Gravel-Very Stiff | 617.00 |
| | | | | | | 2.5 | | | **Unit Weight 99.5 pcf** | 616.50 |
| | | | | | | 3.0 | | | | 616.00 |
| | | | | | | 3.5 | | | | 615.50 |
| | | | | | | 4.0 | | | **Brown & Grey Mottled Lean Clay (CL)** | 615.00 |
| 2 | SS | 1.75 | 2.0 | 20.7 | 3 | 4.5 | | | Trace Sand and Gravel-Stiff | 614.50 |
| | | | | | | 5.0 | | | | 614.00 |
| | | | | | | 5.5 | | | | 613.50 |
| | | | | | | 6.0 | | | | 613.00 |
| | | | | | | 6.5 | | CL | Very Stiff | 612.50 |
| 3 | SS | 2.00 | 18.0 | 19.5 | 7 | 7.0 | | | **Unit Weight 113.9 pcf** | 612.00 |
| | | | | | | 7.5 | | | | 611.50 |
| | | | | | | 8.0 | | | | 611.00 |
| | | | | | | 8.5 | | | | 610.50 |
| | | | | | | 9.0 | | | **Grey Lean Clay (CL)** | 610.00 |
| 4 | SS | 2.25 | 13.0 | 15.5 | 9 | 9.5 | | CL | Trace Sand and Gravel-Very Stiff | 609.50 |
| | | | | | | 10.0 | | | **Unit Weight 129.7 pcf** | 609.00 |

**End of Boring at 10'**

Water Level While Drilling : DRY

Water Level After Drilling : DRY

Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

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23856 W. Andrew Rd, Unit 103, Plainfield

**BOREHOLE LOG** — **Number B-4**

| | |
|---|---|
| **Client** | V3 Companies — **Plate 6** |
| **Location** | Water Main Improvements along Green Street, Crest Hill, IL (41.563852, -88.131817) |
| **Job Number** | 2023-1301-04G |
| **Drill Rig Type** | Geoprobe 7822 |
| **Sampler Type** | Split Spoon (SS) |
| **Boring Location** | See Plate 2 |
| **Boring Elevation (ft)** | 622.00 — **Date:** 8/21/2023 |

| Sample # | Sampling Method | Qp (tsf) | Sample Recovery (in) | Moisture Content (%) | Driving Resistance Blows/Ft (N) | Depth (ft) | Sample Depth | Graphic | Soil Description | Elevation (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0.5 | | AS & AGG | **5 Inches of Asphalt & 7 Inches of Aggregate Base** | 621.50 |
| | | | | | | 1.0 | | | | 621.00 |
| | | | | | | 1.5 | | | **Dark Brown LeanClay (CL)** | 620.50 |
| 1 | SS | 3.75 | 14.0 | 19.3 | 5 | 2.0 | | | Trace Gravel & Sand-Very Stiff | 620.00 |
| | | | | | | 2.5 | | | **Unit Weight 105.2 pcf** | 619.50 |
| | | | | | | 3.0 | | | | 619.00 |
| | | | | | | 3.5 | | | | 618.50 |
| | | | | | | 4.0 | | | **Brown & Grey Mottled Lean Clay (CL)** | 618.00 |
| 2 | SS | 4.50 | 18.0 | 16.6 | 9 | 4.5 | | | Trace Sand and Gravel-Hard | 617.50 |
| | | | | | | 5.0 | | | **Unit Weight 114.1 pcf** | 617.00 |
| | | | | | | 5.5 | | | | 616.50 |
| | | | | | | 6.0 | | CL | | 616.00 |
| | | | | | | 6.5 | | | | 615.50 |
| 3 | SS | 4.50 | 18.0 | 16.4 | 9 | 7.0 | | | Hard | 615.00 |
| | | | | | | 7.5 | | | **Unit Weight 118.7 pcf** | 614.50 |
| | | | | | | 8.0 | | | | 614.00 |
| | | | | | | 8.5 | | | | 613.50 |
| | | | | | | 9.0 | | | **Grey Lean Clay (CL)** | 613.00 |
| 4 | SS | 4.50 | 18.0 | 15.3 | 13 | 9.5 | | CL | Trace Gravel-Hard | 612.50 |
| | | | | | | 10.0 | | | **Unit Weight 120.3 pcf** | 612.00 |

**End of Boring at 10'**

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

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23856 W. Andrew Rd, Unit 103, Plainfield

**BOREHOLE LOG** — **Number B-5**

| | |
|---|---|
| **Client** | V3 Companies — **Plate 7** |
| **Location** | Water Main Improvements along Green Street, Crest Hill, IL (41.564111, -88.132609) |
| **Job Number** | 2023-1301-04G |
| **Drill Rig Type** | Geoprobe 7822 |
| **Sampler Type** | Split Spoon (SS) |
| **Boring Location** | See Plate 2 |
| **Boring Elevation (ft)** | 622.00 — **Date:** 8/21/2023 |

| Sample # | Sampling Method | Qp (tsf) | Sample Recovery (in) | Moisture Content (%) | Driving Resistance Blows/Ft (N) | Depth (ft) | Sample Depth | Graphic | Soil Description | Elevation (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0.5 | | AS & AGG | **4.5 Inches of Asphalt & 7 Inches of Aggregate Base** | 621.50 |
| | | | | | | 1.0 | | | | 621.00 |
| | | | | | | 1.5 | | | **Dark Brown Lean Clay (CL)** | 620.50 |
| 1 | SS | 4.50 | 17.0 | 15.9 | 6 | 2.0 | | | Trace Sand and Gravel-Hard | 620.00 |
| | | | | | | 2.5 | | | **Unit Weight 122.6 pcf** | 619.50 |
| | | | | | | 3.0 | | | | 619.00 |
| | | | | | | 3.5 | | | | 618.50 |
| | | | | | | 4.0 | | | **Llight Brown & Grey Mottled Lean Clay (CL)** | 618.00 |
| 2 | SS | 0.75 | 17.0 | 28.4 | 3 | 4.5 | | | Trace Sand and Gravel-Firm | 617.50 |
| | | | | | | 5.0 | | | **Unit Weight 103.2 pcf** | 617.00 |
| | | | | | | 5.5 | | | | 616.50 |
| | | | | | | 6.0 | | | | 616.00 |
| | | | | | | 6.5 | | | Firm | 615.50 |
| 3 | SS | 0.50 | 8.0 | 23.8 | 9 | 7.0 | | | **Unit Weight 113.5 pcf** | 615.00 |
| | | | | | | 7.5 | | | | 614.50 |
| | | | | | | 8.0 | | | | 614.00 |
| | | | | | | 8.5 | | | | 613.50 |
| | | | | | | 9.0 | | CL | **Grey Lean Clay (CL)** | 613.00 |
| 4 | SS | 3.75 | 8.0 | 15.8 | 22 | 9.5 | | | Trace Sand Gravel-Very Stiff | 612.50 |
| | | | | | | 10.0 | | | **Unit Weight 128.6 pcf** | 612.00 |

**End of Boring at 10'**

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

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**BOREHOLE LOG** **Number B-6**

| | |
|---|---|
| **Client** | V3 Companies **Plate 8** |
| **Location** | Water Main Improvements along Oakland Ave., Crest Hill, IL (41.560932, -88.098546) |
| **Job Number** | 2023-1301-04G |
| **Drill Rig Type** | Geoprobe 7822 |
| **Sampler Type** | Split Spoon (SS) |
| **Boring Location** | See Plate 2 |
| **Boring Elevation (ft)** | 597.00 **Date:** 8/21/2023 |

| Sample # | Sampling Method | Qp (tsf) | Sample Recovery (in) | Moisture Content (%) | Driving Resistance Blows/Ft (N) | Depth (ft) | Sample Depth | Graphic | Soil Description | Elevation (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0.5 | | AS & AGG | **10 Inches of Asphalt & 9 Inches of Aggregate Base** | 596.50 |
| | | | | | | 1.0 | | | | 596.00 |
| | | | | | | 1.5 | | | | 595.50 |
| 1 | SS | NA | 10.0 | NA | uahmad | 2.0 | | FILL | **Brown & Grey Gravely Sand Fill (FILL)** | 595.00 |
| | | | | | | 2.5 | | | Loose | 594.50 |
| | | | | | | 3.0 | | | | 594.00 |
| | | | | | | 3.5 | | | | 593.50 |
| | | | | | | 4.0 | | CL | **Brown Lean Clay (CL)** | 593.00 |
| 2 | SS | 4.50 | 17.0 | 17.9 | 9 | 4.5 | | | Trace Sand and Gravel-Hard | 592.50 |
| | | | | | | 5.0 | | | **Unit Weight 112.7 pcf** | 592.00 |
| | | | | | | 5.5 | | | | 591.50 |
| | | | | | | 6.0 | | | | 591.00 |
| | | | | | | 6.5 | | | Stiff | 590.50 |
| 3 | SS | 1.25 | 17.0 | 20.6 | 8 | 7.0 | | | **Unit Weight 106.3 pcf** | 590.00 |
| | | | | | | 7.5 | | | **WL-WD** | 589.50 |
| | | | | | | 8.0 | | | | 589.00 |
| | | | | | | 8.5 | | | | 588.50 |
| | | | | | | 9.0 | | | | 588.00 |
| 4 | SS | 1.25 | 4.0 | 19.8 | 8 | 9.5 | | | Stiff | 587.50 |
| | | | | | | 10.0 | | | **Unit Weight 109.7 pcf** | 587.00 |

**End of Boring at 10'**

Water Level While Drilling : 7.5 Feet
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

NASHnal SOIL TESTING

23856 W. Andrew Rd, Unit 103, Plainfield

**BOREHOLE LOG** — **Number B-7**

| | |
|---|---|
| **Client** | V3 Companies — **Plate 9** |
| **Location** | Water Main Improvements along Oakland Ave., Crest Hill, IL (41.558450, -88.098390) |
| **Job Number** | 2023-1301-04G |
| **Drill Rig Type** | Geoprobe 7822 |
| **Sampler Type** | Split Spoon (SS) |
| **Boring Location** | See Plate 2 |
| **Boring Elevation (ft)** | 624.00 — **Date:** 8/21/2023 |

| Sample # | Sampling Method | Qp (tsf) | Sample Recovery (in) | Moisture Content (%) | Driving Resistance Blows/Ft (N) | Depth (ft) | Sample Depth | Graphic | Soil Description | Elevation (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0.5 | | AS & AGG | **10 Inches of Asphalt & 5 Inches of Aggregate Base** | 623.50 |
| | | | | | | 1.0 | | | | 623.00 |
| | | | | | | 1.5 | | | **Brown Lean Clay (CL)** | 622.50 |
| 1 | SS | 4.50 | 17.0 | 18.3 | 12 | 2.0 | | | Trace Sand and Gravel-Hard | 622.00 |
| | | | | | | 2.5 | | | **Unit Weight 113.3 pcf** | 621.50 |
| | | | | | | 3.0 | | | | 621.00 |
| | | | | | | 3.5 | | | | 620.50 |
| | | | | | | 4.0 | | | **Brown Lean Clay (CL)** | 620.00 |
| 2 | SS | 4.50 | 18.0 | 16.8 | 15 | 4.5 | | | Trace Sand and Gravel-Hard | 619.50 |
| | | | | | | 5.0 | | CL | **Unit Weight 115.8 pcf** | 619.00 |
| | | | | | | 5.5 | | | | 618.50 |
| | | | | | | 6.0 | | | | 618.00 |
| | | | | | | 6.5 | | | Hard | 617.50 |
| 3 | SS | 4.50 | 4.0 | 16.4 | 12 | 7.0 | | | **Unit Weight 108.8 pcf** | 617.00 |
| | | | | | | 7.5 | | | | 616.50 |
| | | | | | | 8.0 | | | | 616.00 |
| | | | | | | 8.5 | | | | 615.50 |
| | | | | | | 9.0 | | | **Brown & Grey Lean Clay (CL)** | 615.00 |
| 4 | SS | 3.00 | 16.0 | 21.7 | 15 | 9.5 | | CL | Trace Sand and Gravel-Very Stiff **WL-WD** | 614.50 |
| | | | | | | 10.0 | | | | 614.00 |

**End of Boring at 10'**

Water Level While Drilling : 9.5 Feet

Water Level After Drilling : DRY

Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

NST NASHnal SOIL TESTING

23856 W. Andrew Rd, Unit 103, Plainfield

**BOREHOLE LOG** **Number B-8**

| | |
|---|---|
| **Client** | V3 Companies **Plate 10** |
| **Location** | Water Main Improvements along Oakland Ave., Crest Hill, IL (41.556373, -88.098334) |
| **Job Number** | 2023-1301-04G |
| **Drill Rig Type** | Geoprobe 7822 |
| **Sampler Type** | Split Spoon (SS) |
| **Boring Location** | See Plate 2 |
| **Boring Elevation (ft)** | 633.00 **Date:** 8/21/2023 |

| Sample # | Sampling Method | Qp (tsf) | Sample Recovery (in) | Moisture Content (%) | Driving Resistance Blows/Ft (N) | Depth (ft) | Sample Depth | Graphic | Soil Description | Elevation (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0.5 | | AS & AGG | **5 Inches of Asphalt & 6 Inches of Aggregate Base** | 632.50 |
| | | | | | | 1.0 | | | | 632.00 |
| | | | | | | 1.5 | | CL | **Light Brown and Grey Mottled Lean Clay (CL)** | 631.50 |
| 1 | SS | 4.25 | 16.0 | 18.4 | 8 | 2.0 | | | Trace Sand and Gravel-Hard | 631.00 |
| | | | | | | 2.5 | | | **Unit Weight 117.6 pcf** | 630.50 |
| | | | | | | 3.0 | | | | 630.00 |
| | | | | | | 3.5 | | | | 629.50 |
| | | | | | | 4.0 | | | | 629.00 |
| 2 | SS | 4.50 | 17.0 | 16.2 | 10 | 4.5 | | | Hard | 628.50 |
| | | | | | | 5.0 | | | **Unit Weight 119.0 pcf** | 628.00 |
| | | | | | | 5.5 | | | | 627.50 |
| | | | | | | 6.0 | | | | 627.00 |
| | | | | | | 6.5 | | | Hard | 626.50 |
| 3 | SS | 4.50 | 17.0 | 13.1 | 10 | 7.0 | | | **Unit Weight 124.0 pcf** | 626.00 |
| | | | | | | 7.5 | | | | 625.50 |
| | | | | | | 8.0 | | | | 625.00 |
| | | | | | | 8.5 | | | | 624.50 |
| | | | | | | 9.0 | | | | 624.00 |
| 4 | SS | 4.25 | 18.0 | 16.8 | 12 | 9.5 | | | Hard | 623.50 |
| | | | | | | 10.0 | | | **Unit Weight 116.7 pcf** | 623.00 |

**End of Boring at 10'**

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

NST NASHnal SOIL TESTING

23856 W. Andrew Rd, Unit 103, Plainfield

**BOREHOLE LOG** — **Number B-9**

| | |
|---|---|
| **Client** | V3 Companies — **Plate 11** |
| **Location** | Water Main Improvements along Oakland Ave., Crest Hill, IL (41.554462, -88.098225) |
| **Job Number** | 2023-1301-04G |
| **Drill Rig Type** | Geoprobe 7822 |
| **Sampler Type** | Split Spoon (SS) |
| **Boring Location** | See Plate 2 |
| **Boring Elevation (ft)** | 635.00 — **Date:** 8/21/2023 |

| Sample # | Sampling Method | Qp (tsf) | Sample Recovery (in) | Moisture Content (%) | Driving Resistance Blows/Ft (N) | Depth (ft) | Sample Depth | Graphic | Soil Description | Elevation (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0.5 | | AS & AGG | **9 Inches of Asphalt & 9 Inches of Aggregate Base** | 634.50 |
| | | | | | | 1.0 | | | | 634.00 |
| | | | | | | 1.5 | | | **Brown Lean Clay (CL)** | 633.50 |
| 1 | SS | 3.25 | 17.0 | 19.3 | 7 | 2.0 | | | Trace Sand and Gravel-Very Stiff | 633.00 |
| | | | | | | 2.5 | | | **Unit Weight 113.5 pcf** | 632.50 |
| | | | | | | 3.0 | | | | 632.00 |
| | | | | | | 3.5 | | | | 631.50 |
| | | | | | | 4.0 | | | **Brown and Grey Mottled Lean Clay (CL)** | 631.00 |
| 2 | SS | 4.50 | 17.0 | 20.8 | 14 | 4.5 | | | Trace Sand and Gravel-Hard | 630.50 |
| | | | | | | 5.0 | | | **Unit Weight 108.0 pcf** | 630.00 |
| | | | | | | 5.5 | | | | 629.50 |
| | | | | | | 6.0 | | | | 629.00 |
| | | | | | | 6.5 | | | Hard | 628.50 |
| 3 | SS | 4.50 | 17.0 | 20.9 | 9 | 7.0 | | CL | **Unit Weight 105.5 pcf** | 628.00 |
| | | | | | | 7.5 | | | | 627.50 |
| | | | | | | 8.0 | | | | 627.00 |
| | | | | | | 8.5 | | | | 626.50 |
| | | | | | | 9.0 | | | | 626.00 |
| 4 | SS | 4.50 | 18.0 | 20.6 | 12 | 9.5 | | | Hard | 625.50 |
| | | | | | | 10.0 | | | **Unit Weight 109.9 pcf** | 625.00 |

**End of Boring at 10'**

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

NST NASHnal SOIL TESTING

23856 W. Andrew Rd, Unit 103, Plainfield

**BOREHOLE LOG** **Number B-10**

| | |
|---|---|
| **Client** | V3 Companies **Plate 12** |
| **Location** | Water Main Improvements along Oakland Ave., Crest Hill, IL (41.553797, -88.098171) |
| **Job Number** | 2023-1301-04G |
| **Drill Rig Type** | Geoprobe 7822 |
| **Sampler Type** | Split Spoon (SS) |
| **Boring Location** | See Plate 2 |
| **Boring Elevation (ft)** | 639.00 **Date:** 8/21/2023 |

| Sample # | Sampling Method | Qp (tsf) | Sample Recovery (in) | Moisture Content (%) | Driving Resistance Blows/Ft (N) | Depth (ft) | Sample Depth | Graphic | Soil Description | Elevation (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 0.5 | | AS & AGG | **9 Inches of Asphalt & 6 Inches of Aggregate Base** | 638.50 |
| | | | | | | 1.0 | | AS & AGG | | 638.00 |
| | | | | | | 1.5 | | CL | **Dark Brown Lean Clay (CL)** | 637.50 |
| 1 | SS | 3.75 | 10.0 | 22.5 | 8 | 2.0 | | CL | Trace Gravel-Very Stiff | 637.00 |
| | | | | | | 2.5 | | CL | **Unit Weight 99.9 pcf** | 636.50 |
| | | | | | | 3.0 | | CL | | 636.00 |
| | | | | | | 3.5 | | CL | | 635.50 |
| | | | | | | 4.0 | | CL | **Brown Lean Clay (CL)** | 635.00 |
| 2 | SS | 3.25 | 18.0 | 23.3 | 6 | 4.5 | | CL | Trace Gravel-Very Stiff | 634.50 |
| | | | | | | 5.0 | | CL | **Unit Weight 103.3 pcf** | 634.00 |
| | | | | | | 5.5 | | CL | | 633.50 |
| | | | | | | 6.0 | | CL | | 633.00 |
| | | | | | | 6.5 | | CL | Hard | 632.50 |
| 3 | SS | 4.50 | 17.0 | 18.0 | 6 | 7.0 | | CL | **Unit Weight 113.4 pcf** | 632.00 |
| | | | | | | 7.5 | | CL | | 631.50 |
| | | | | | | 8.0 | | CL | | 631.00 |
| | | | | | | 8.5 | | CL | | 630.50 |
| | | | | | | 9.0 | | CL | | 630.00 |
| 4 | SS | 4.25 | 4.0 | 19.0 | 10 | 9.5 | | CL | Hard | 629.50 |
| | | | | | | 10.0 | | CL | **Unit Weight 114.7 pcf** | 629.00 |

**End of Boring at 10'**

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

NASHnal SOIL TESTING

# Pavement Core Locations and Thickness Data

| | Location | Core-ID | Average Thickness (Inch) |
|---|---|---|---|
| B1 | Circle Street (41.565544, -88.132616) **STA 99+84.17-STA 106+21.57** | C-1 | 3.5 |
| B2 | Circle Street (41.565095, -88.131991) **STA 99+84.17-STA 106+21.57** | C-2 | 4.5 |
| B3 | Green Street (41.565503, -88.134245) **STA 199+84.26-STA 212+52.47** | C-3 | 5.5 |
| B4 | Green Street (41.563852, -88.131817) **STA 199+84.26-STA 212+52.47** | C-5 | 5.0 |
| B5 | Green Street (41.564111, -88.132609) **STA 199+84.26-STA 212+52.47** | C-6 | 7.0 |
| B6 | Oakland Ave. (41.560932, -88.098546) **STA 433+00.00-STA 399+14.31** | C-1 | 10.0 |
| B7 | Oakland Ave. (41.558450, -88.098390) **STA 433+00.00-STA 399+14.31** | C-2 | 10.0 |
| B8 | Oakland Ave. (41.556373, -88.098334) **STA 433+00.00-STA 399+14.31** | C-3 | 5.0 |
| B9 | Oakland Ave. (41.554462, -88.098225) **STA 433+00.00-STA 399+14.31** | C-5 | 9.0 |
| B10 | Oakland Ave. (41.553797, -88.098171) **STA 433+00.00-STA 399+14.31** | C-6 | 9.0 |



**Water Main Improvements at Various Locations**
**Village of Crest Hill, IL**
**Pavement Core Locations and Thickness Data**

# KEY TO TEST DATA

## DRILLING & SAMPLING SYMBOLS:

SL = SS with Liner
SS = Split Spoon — 1⅜" I.D., 2" O.D., unless otherwise noted
ST = Shelby Tube — 2" O.D., unless otherwise noted
PA = Power Auger
DB = Diamond Bit — NX: BX: AX
AS = Auger Sample
JS = Jar Sample
VS = Vane Shear

ST = 3" Shelby Tube
HS = Hollow Stem Auger
WS = Wash Sample
FT = Fish Trail
RB = Rock Bit
BS = Bulk Sample
PM = Pressuremeter test—in situ

Standard "N" Penetration = Blows per foot of a 140 pound hammer falling *30* inches on a 2-inch OD split spoon, except where noted.

## WATER TABLE MEASUREMENT SYMBOLS

| | | |
|---|---|---|
| WL | = | Water Level |
| WCI | = | Cave In |
| DCI | = | Dry Cave In |
| WS | = | While Sampling |
| WD | = | While Drilling |
| BC | = | Before Casing Removal |
| ACR | = | After Casing Removal |
| AB | = | After Boring |

Water levels indicated on the boring logs are the levels measured in the boring at the times indicated. In pervious soils, the indicated elevations are considered reliable ground water levels. In impervious soils, the accurate determination of ground water elevations is not possible even after several days observation, and additional evidence of ground water elevations must be sought.

## GRADATION DESCRIPTION & TERMINOLOGY

Coarse Grained or Granular Soils have more than 50% of their dry weight retained on a #200 sieve; they are described as: boulders, cobbles, gravel or sand. Fine Grained Soils have less than 50% of their dry weight retained on *a* #200 sieve; they are described as: clays or clayey silts if they are cohesive, and silts if they are non-cohesive. In addition to gradation, granular soils are defined on the basis of their relative in-place density and fine grained soils on the basis of their strength or consistency, and their plasticity.

| Major Component Of Sample | Size Range | Descriptive Term(s) (Of Components Also Present in Sample) | Percent of Dry Weight |
|---|---|---|---|
| Boulders | Over 8 in. (200mm) | Trace | 1 — 9 . |
| Cobbles | 8 in. to *3* in. (200mm to 75mm) | Little | 10 — 19 |
| Gravel | *3* in. to #4 sieve (75mm to 2mm) | Some | 20 — 34 |
| Sand | #4 to #200 sieve (2mm to .074mm) | And | 35 — 50 |
| Silt | Passing #200 sieve (0.074mm to 0.005mm) | | |
| Clay | Smaller than 0.005mm | | |

## CONSISTENCY OF COHESIVE SOILS

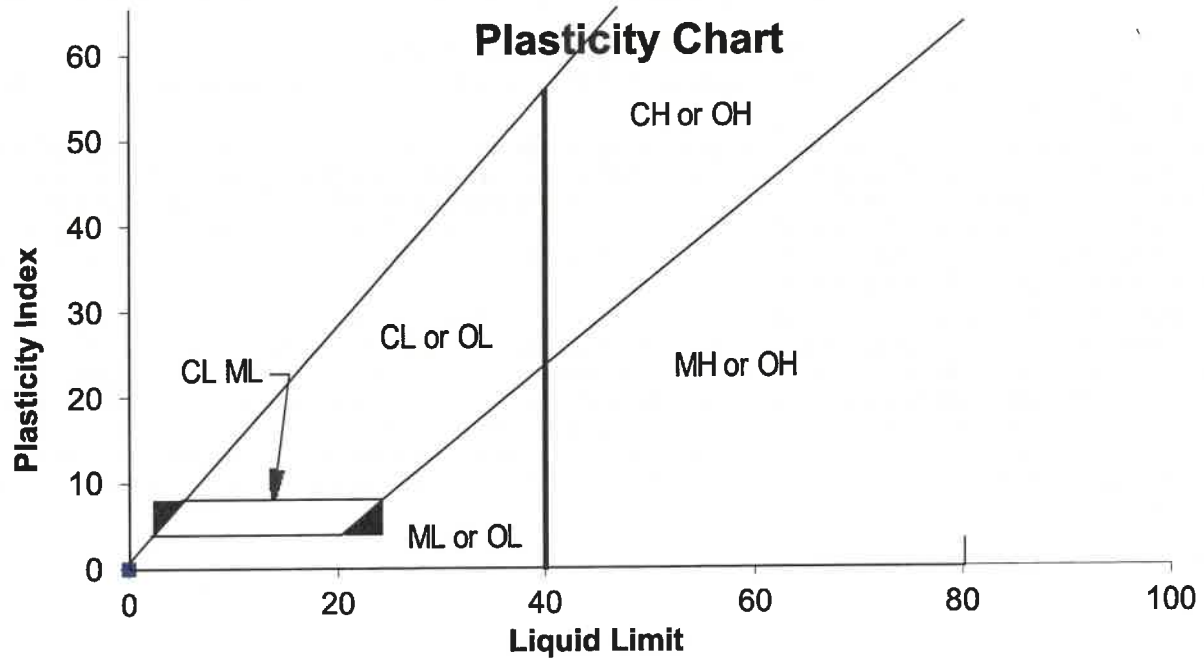
| Unconfined Comp. Strength, Qu, tsf | Consistency |
|---|---|
| <0.25 | Very Soft |
| 0.25— 0.49 | Soft |
| 0.50 — 0.99 | Medium (Firm) |
| 1.00— 1.99 | Stiff |
| 2.00 — 3.99 | Very Stiff |
| 4.00 — 8.00 | Hard |
| >8.00 | Very Hard |

## RELATIVE DENSITY OF GRANULAR SOILS

| N — Blows/ft. | Relative Density |
|---|---|
| 0 — 3 | Very Loose |
| 4 — 9 | Loose |
| 10 — 29 | Medium Dense |
| 30 — 49 | Dense |
| 50 — 80 | Very Dense |
| 80 + | Extremely Dense |

# UNIFIED SOIL CLASSIFICATION CHART

| CRITERIA FOR ASSIGNING GROUP NAMES & GROUP SYMBOLS USING LABORATORY TEST RESULTS | | | | | Soil Classification | |
|---|---|---|---|---|---|---|
| | | | | | Group Symbol | Group Name |
| COURSE-GRAINED SOILS (More than 50% retained on #200 Sieve) | GRAVELS More than 50% of course fractions are retained on #4 sieve | CLEAN GRAVELS Less than 5% fines | | Cu ≤ 4 and 1 ≤ Cc ≤ 3 | GW | Well Graded Gravel |
| | | | | Cu < 4 and/or 1 > Cc > 3 | GP | Poorly Graded Gravel |
| | | GRAVELS With more than 12% fines | | Fines classify as ML or MH | GM | Silty Gravel |
| | | | | Fines classify as CL or CH | GC | Clayey Gravel |
| | SANDS 50% or more of course fractions passes #4 sieve | CLEAN SANDS Less than 5% fines | | Cu ≤ 6 and 1 ≤ Cc ≤ 3 | SW | Well Graded Sand |
| | | | | Cu < 6 and/or 1 > Cc > 3 | SP | Poorly Graded Sand |
| | | SANDS With more than 12% fines | | Fines classify as ML or MH | SM | Silty Sand |
| | | | | Fines classify as CL or CH | SC | Clayey Sand |
| FINE-GRAINED SOILS (50% or More Passed the #200 Sieve) | SILTS & CLAYS Liquid Limit Lower than 50% | Inorganic | | PI > 7 and plots on or above "A" line | CL | Non to Low Plasticity Clay |
| | | | | PI < 4 and plots below "A" line | ML | Silt |
| | | Organic | | $\frac{\text{Liquid Limit (Oven Dried)}}{\text{Liquid Limit (Not Dried)}} < 0.75$ | OL | Organic Clay or Silt |
| | SILTS & CLAYS Liquid Limit 50% or Higher | Inorganic | | PI plots on or above "A" line | CH | Highly Plastic Clay |
| | | | | PI plots below "A" line | MH | Elastic Silt |
| | | Organic | | $\frac{\text{Liquid Limit (Oven Dried)}}{\text{Liquid Limit (Not Dried)}} < 0.75$ | OH | Organic Clay or Silt |
| Highly Organic Soils | | Primarily organic material, darker and with organic odor | | | PT | Peat |



# NOTES ON PLACEMENT OF COMPACTED FILL SOIL

## GENERAL

The placement of compacted fill for support of foundations, floor slabs, pavements, or earth structures should be carried out by an experienced excavator with the proper equipment. The excavator must be prepared to adapt his procedures, equipment, and materials to the type of project, to weather conditions, and the structural requirements of the architect and engineer. Methods and materials used in summer may not be applicable in winter; fill used in dry excavations may not be suitable in wet excavations or during periods of precipitation; proposed fill soil may require wetting or drying for proper placement and compaction. Conditions may also vary during the course of a project or in different areas of the site. These needs should be addressed in the project drawings and specifications.

## EXCAVATION/BACKFILL BELOW THE WATER TABLE

It is common to have to excavate and replace unsuitable soils below the water table for site correction. As a general rule of prudent construction technique, we recommend that excavation/backfill below the water table not be permitted, unless the excavation is dewatered. Numerous problems can develop when this procedure is attempted without dewatering.

- Inability of the equipment operators and soil technicians to observe that all unsuitable soil/materials have been removed from the base of the excavation.
- Inability to observe and measure that proper lateral oversizing is provided.
- Inability to prevent or correct sloughing of excavation sidewalls, which can result in unsuitable soils trapped within the select backfill.
- Inability of the contractor to adequately and uniformly compact the backfill.
- Possibility of disturbance of the suitable soils at the base of the excavation.

The dewatering methods, normally chosen at the contractor's option, should follow prudent construction practice. Excavations in clay can often be dewatered with sump pits and pumps; this technique would not be applicable for excavation extending into permeable granular soil, especially for depths significantly below the water table. Dewatering granular soils should normally be done with well points or wells. When dewatering is needed, we strongly recommend that the procedures be discussed at pre-bid or pre-construction meetings. The architect and engineer should review the dewatering technique chosen by the contractor before construction starts; it should not be left until excavation is under way.

The selection of proper backfill materials is important when working in dewatered excavations. Even with dewatering, the base is usually wet and the contractor must be careful not to disturb the base. We recommend that the first lifts of backfill be a clean medium to course grain sand with less than 5% passing the #200 sieve. The use of silty sand, clayey sand, or cohesive/semi-cohesive soils is not recommended for such situations. The excavator should be required to submit samples of the proposed material(s) he plans to use as backfill before the fill is hauled to the site, so that it can be tested for suitability.

## WINTER EARTHWORK CONSTRUCTION

Winter earthwork presents its own range of problems, which must be overcome; the situation may be complicated by the need for dewatering discussed above.

During freezing conditions, the fill used must not be frozen when delivered to the site. It also must not be allowed to freeze during or after compaction. Since the ability to work the soil while keeping it from freezing depends in part on the soil type, the specifications should require the contractor to submit a sample of his proposed fill before construction starts, for laboratory testing. If the soil engineer and structural engineer determine that it is not suitable, it should be rejected. In general, silty sand, clayey sand, and cohesive/semi-cohesive soils should not be used as fill under freezing conditions. All frozen soil of any type should be rejected for use as compacted fill.

It is important that compacted fill be protected from freezing after it is placed. The excavator should be required to submit a plan for protecting the soil. The plan should include details on the type and amount of material (straw, blankets, extra loose fill, topsoil, etc.) proposed for use as frost protection. The need to protect the soil from freezing is ongoing throughout construction and applies both before and after concrete is placed, until backfilling for final frost protection is completed. Foundations placed on frozen soil can experience heaving and significant settlement, rotation, or other movement as the soil thaws. Such movement can also occur if the soil is allowed to freeze after the concrete is placed and then allowed to thaw. The higher the percentage of fines (clay and silt, P-200 material) in the fill, the more critical is the need for protection from freezing.

# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## Uncontaminated Soil Certification
## by Licensed Professional Engineer or Licensed Professional Geologist
## for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

## I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Crest Hill CCDD - Oakland Ave  Office Phone Number, if available:

Physical Site Location (address, including number and street):

Oakland Ave: Theodore St to Pasadena Ave

City: Crest Hill  State: IL  Zip Code: 60403

County: Will  Township: Lockport/Joliet

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 41.55704 (Decimal Degrees)  Longitude: - -88.09835 (-Decimal Degrees)

Identify how the lat/long data were determined:

◯ GPS ⊘ Map Interpolation ◯ Photo Interpolation ◯ Survey ◯ Other

Map Interpolation

IEPA Site Number(s), if assigned: BOL: 1700001583  BOW: NA  BOA: NA

Approximate Start Date (mm/dd/yyyy): 01/01/2024  Approximate End Date (mm/dd/yyyy): 12/31/2024

Estimated Volume of debris (cu. Yd.): 6,000

## II. Owner/Operator Information for Source Site

Site Owner

Name: City of Crest Hill

Street Address: 20600 City Center Blvd

PO Box:

City: Crest Hill  State: IL

Zip Code: 60403  Phone:

Contact:

Email, if available:

Site Operator

Name:

Street Address:

PO Box:

City:  State:

Zip Code:  Phone:

Contact:

Email, if available:

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed $50,000 for the violation and an additional civil penalty of not to exceed $10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Project Name: Crest Hill CCDD - Oakland Ave Latitude: 41.55704 Longitude: - -88.09835

Uncontaminated Soil Certification

## III. Basis for Certification and Attachments

For each item listed below, reference the attachments to this form that provide the required information.

a. A Description of the soil sample points and how they were determined to be sufficient in number and appropriately located 35 Ill. Adm. Code 1100.610(a)]:

See Attachment 1

b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 Ill. Adm. Code Part 1100, Subpart F and that the soil pH is within the range of 6.25 to 9.0,including the documentation of chain of custody control, a copy of the lab analysis; the accreditation status of the laboratory performing the analysis; and certification by an authorized agent of the laboratory that the analysis has been performed in accordance with the Agency's rules for the accreditation of environmental and the scope of the accreditation [35 Ill. Adm. Code 1100.201 (g), 1100.205(a), 1100.610]:

See Attachment 1

## IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist

I, Jonathan Shuptar, P.G. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with the Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I certify that the soil from this site is uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. In addition, I certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. All necessary documentation is attached.

***Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))***

| | |
|---|---|
| Company Name: | V3 Companies |
| Street Address: | 7325 Janes Avenue |
| City: | Woodridge State: IL Zip Code: 60517 |
| Phone: | 517.420.8481 |

Jonathan Shuptar, P.G.
Printed Name:

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

11/9/2023
Date:

LICENSED PROFESSIONAL GEOLOGIST
JONATHAN D SHUPTAR
196 001404
ILLINOIS

# ATTACHMENT 1

**Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation (LPC-663)**

**DATE: 11/09/23**
**SOURCE OWNER: City of Crest Hill**
**PROJECT: Proposed Watermain Plans – Oakland Ave**

**DESCRIPTION OF SOURCE AND PIP EVALUATION:**

Soil spoils will be generated from construction activities associated with watermain and storm sewer improvements, and associated roadway resurfacing along Oakland in Crest Hill, Illinois. The project extents are in the rite-of-way (ROW) between Theodore Street and Pasadena Avenue. Properties adjacent to the project include residential single-family homes and commercial businesses to the east and west of the roadway; and light industrial facilities to the north.

Potentially Impacted Properties (PIPs) were identified on adjacent properties to the project area. K&D Auto Service and Danny's Towing, an auto service facility located on the northwest corner of Oakland Avenue and Theodore Street, is currently in operation. The EDR Radius Map (See Attached) identified a PIP adjacent to the project ROW associated with this property address, 650 Theodore Street. A Leaking Underground Storage Tank (LUST) was reported from a gasoline UST on July 21, 2000. A No Further Remediation (NFR) Letter was issued March 05, 2004, in association with the LUST. The database also identifies a Bureau of Land (BOL) site in association with the LUST incident. Four Underground Storage Tanks (USTs) were identified for this site. One 500-gallon used oil UST was reported removed on November 1, 1988, and three 6,000-gallon gasoline USTs were reported removed on October 25, 2000. The K & D Service station is listed as a RCRA-Very Small Quantity Generator (RCRA-VSQG). Several contaminants of concern are associated with this hazardous waste generator including ignitable waste (D001), lead (D008), and benzene (D018). No violations were reported in association with the site.

Jim's Body Shop, an auto body shop located on the northeast corner of Oakland Avenue and Pasadena Avenue, is currently in operation. Potential hazards associated with auto service facilities include waste oil, lubricants, and transmission fluids; spent solvents; waste paints and thinners; sludge from parts-cleaners; oily sludge from floor sumps; used antifreeze; used lead-acid batteries; and gasoline and diesel fuel USTs. Several contaminants of concern are associated with these operations including: VOCs; SVOCs, including PNAs; metals; and ignitable and corrosive hazardous wastes.

The City of Crest Hill Public Works Department, a light industrial facility located to the northwest of Oakland Avenue and Pasadena Avenue, is currently in operation. The database and OSFM website identified a UST located at this property. The listed 1,500-gallon gasoline UST was reported to be removed on November 27, 2019. A LUST Incident (#1970255079) was reported during the removal of the listed UST. The site is actively making its way through the LUST program, and the extent of contamination is unknown. Potential hazards associated with the site involve the release of the gasoline UST presenting several contaminants of concern including: BTEX; methyl tert-butyl ether (MTBE); and lead.

Rhino Glass & Window, a window installation service; and SolarFX, a window tinting service facility, are currently in operation on the southwest corner of Oakland Avenue and Pasadena Avenue. Potential hazards associated with the current use of the property for light industrial operations likely involve the use of various chemicals and petroleum products including waste oil, lubricants, and transmission fluids; and spent solvents. Several contaminants of concern are associated with industrial operations including: VOCs; SVOCs; metals; and ignitable and corrosive hazardous wastes.

Based on the historic and environmental regulatory document review of the Source Site and surrounding properties, the Source Site is considered a PIP.

**SECTION III BASIS FOR CERTIFICATION AND ATTACHMENTS:**

a) **A Description of soil sample point and how they were determined to be sufficient in number and appropriately located [35 Ill. Adm. Code 1100.610(a)]:**

Considering the overall project area and the surrounding PIPs, it was determined that the five soil samples (**OAK-B01** through **OAK-B05**) throughout the project area would be sufficient to characterize project soils for this CCDD soil evaluation (See **Figure 1**). Soil boring **OAK-B01** was advanced adjacent to the K&D Auto Service facility. Soil boring **OAK-B04** was advanced adjacent to the light industrial facilities on the south side of Oakland Avenue. Soil boring **OAK-B05** was advanced adjacent to the identified PIP at The City of Crest Hill Public Works Department on the north side of Oakland Avenue. These three soil borings were analyzed for COCs associated with the identified PIPs and include the following:

- Volatile Organic Compounds (VOCs)
- Semi- Volatile Organic Compounds (SVOCs)
- Resource Conservation and Recovery Act (RCRA) Metals (8)
- pH

PIPs were not identified in the sections of the project that are adjacent to the residential single-family homes. Based on the site history, these soils are presumed to be uncontaminated. Consequently, soil borings **OAK-B02** and **OAK-B03** were analyzed for pH to comply with LPC-662 requirements.

The samples were collected by a V3 geologist using standard operating procedures for environmental soil sampling. The samples were packaged into clean laboratory provided jars and stored in a cooler on ice. The samples were transported by V3 to Sterling Labs (formerly STAT Analysis), an IEPA ELAP Accredited Laboratory for analysis.

b) **Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 Ill. Adm. Code Part 1100, Subpart F and that the soil pH is within the range of 6.25 to 9.0, including the documentation of chain of custody control, a copy of the lab analysis; the accreditation status of the laboratory performing the analysis; and certification by an authorized agent of the laboratory that the analysis has been performed in accordance with the Agency's rules for the accreditation of environmental and the scope of the accreditation [35 Ill. Adm. Code 1100.201 (g), 1100.205(a), 1100.610]:**

Analytical sample results from **OAK-B01** though **OAK-B05** were compared to the Maximum Allowable Concentrations (MACs) established in Title 35: Subtitle J: Chapter I: Part 1100. Below is a summary of the sample results:

- VOCs were not detected in any of the borings.
- SVOCs were not detected in any of the borings.
- Arsenic in **OAK-B01 (6-8)** exceeded the applicable MAC value.
- Total chromium in **OAK-B04 (3-5)** exceeded the applicable MAC. The sample was alternatively analyzed for SPLP Chromium and was below the TACO Class I groundwater RO.
- All samples had pH within the acceptable range of 6.25 and 9.0.

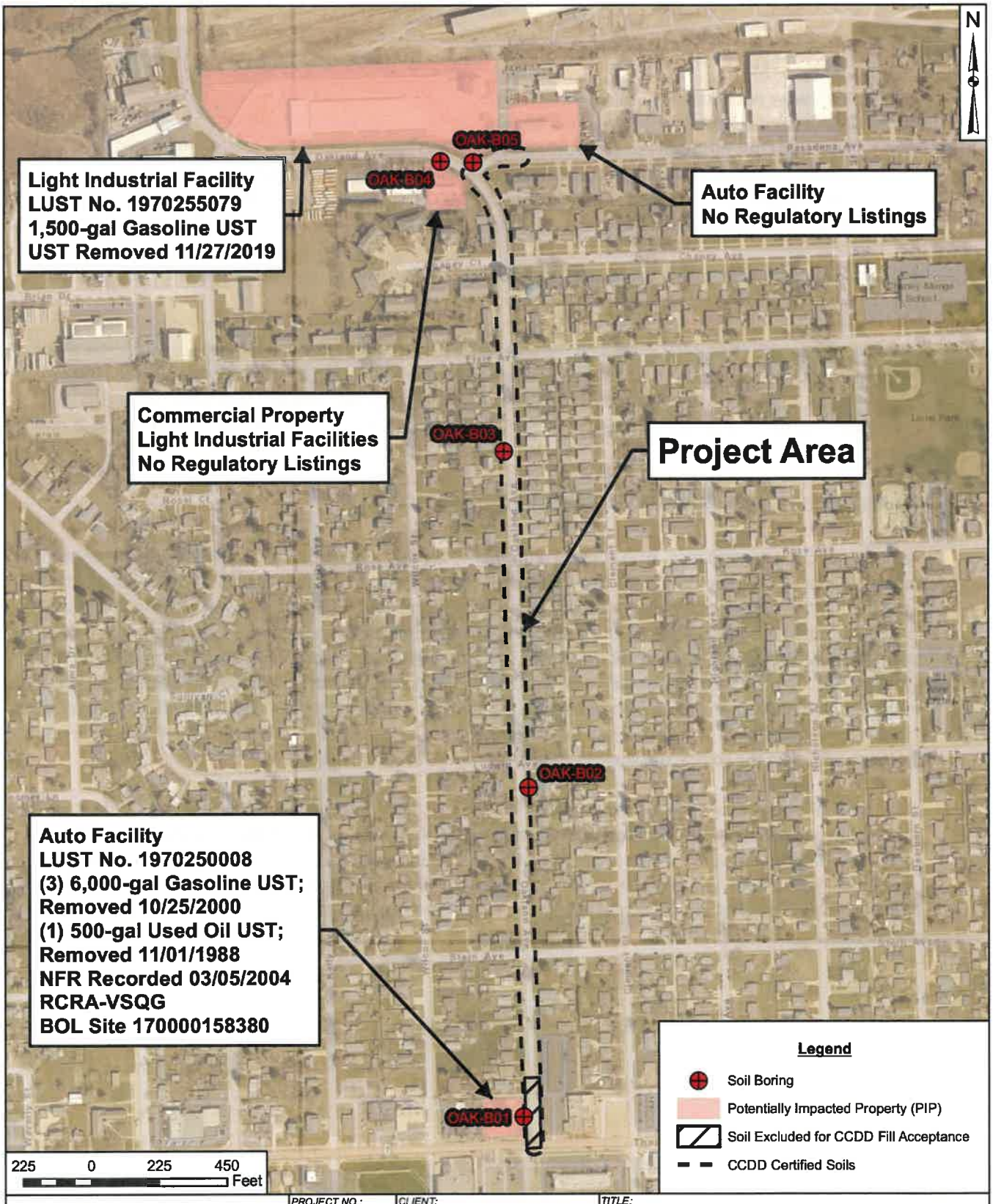
Analytical data tables comparing soil results to appropriate MAC values are provided in **Table 1** through **Table 3**.

Except for those soils (**OAK-B01**) exceeding the acceptable MAC for arsenic, the analytical data indicates that the remaining project soils from the Source Site meet the criteria of Title 35: Subtitle J: Chapter I: Part 1100 for acceptance as CCDD fill material. Based on the MAC exceedance for arsenic, soils within **OAK-B01** are excluded for acceptance as CCDD fill material. The proposed exclusion zone for these soils is presented on **Figure 1**.

## FACILITY ACCEPTANCE AND UNCHARACTERIZED CONDITIONS:

Demonstration of compliance with CCDD regulations and achievement of the Maximum Allowable Concentrations (MACs) does not guarantee soils and fill material will be accepted at all CCDD/Uncontaminated Soil Fill Operations (USFO). CCDD/USFO facilities are privately operated facilities and reserve the right to reject fill material on any criteria. This CCDD soil evaluation was conducted in accordance with applicable Illinois clean fill regulations and general industry standards. It is the earthwork contractor's responsibility to coordinate acceptance with the selected facility based on this documentation. CCDD/USFO facilities may have acceptance criteria which is more stringent than the minimum requirements of Title 35: Subtitle J: Chapter I: Part 1100. Any additional sampling or soil evaluation required by a contractor selected CCDD/USFO facility is the responsibility of the contractor, and can be provided by V3 at additional cost.

Environmental, geological, and geotechnical conditions can vary from those encountered at times and locations where data was obtained and may result in uncertainty with respect to the interpretation of these conditions, despite the use of standard professional care. V3 has used a level of care ordinarily exercised by professional consultants acting under similar circumstances in performing these services. Should conditions inconsistent with the findings contained within this report be encountered during the course of the project, project soils should be reevaluated.




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Woodridge, IL 60517
630.724.9200 phone
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| | | | |
|---|---|---|---|
| PROJECT NO.: 230652 | CLIENT: City of Crest Hill, 20600 City Center Blvd, Crest Hill, Illinois, 60403 | TITLE: OAKLAND AVE | |
| CREATED BY: JAK | | | |
| DATE: 11/07/2023 | BASE LAYER: Will County Open GIS Data (2022) | SITE: Proposed Watermain Plans Crest Hill, IL | FIGURE: 1 |
| SCALE: See Scale Bar | | | |

J:\2023\230652\EnvironGeo\FIG1-OAK_230652.mxd

**TABLE 1**
**SOIL ANALYTICAL RESULTS (VOCs)**
**Proposed Watermain Plans – Oakland Ave, Crest Hill, IL**

| Chemical Name | 35 IAC 1100.Subpart F Maximum Allowable Concentration[a] | 35 IAC Part 742, Appendix B, Tables A and B – Industrial-Commercial – Exposure Route-Specific Values for Soils – Construction Worker | | Soil Component of the Groundwater Ingestion Exposure Route Values | | | V3 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 10/20/2023 | 10/20/2023 | 10/20/2023 | 10/20/2023 | 10/20/2023 |
| | | | | | | | OAK-B01 (6-8) | OAK-B02 (5-7) | OAK-B03 (8-10) | OAK-B04 (3-5) | OAK-B05 (4-6) |
| | (mg/kg) | Ingestion (mg/kg) | Inhalation (mg/kg) | Class I (mg/kg) | Class II (mg/kg) | ADL (mg/kg) | 6-8 ft mg/kg | 5-7 ft mg/kg | 8-10 ft mg/kg | 3-5 ft mg/kg | 4-6 ft mg/kg |
| **Volatile Organic Compounds (Method - 5035/8260B)** | | | | | | | | | | | |
| Acetone | 25 b | —g | 100,000d | 25b | 25 | * | < 0.086 | --- | --- | < 0.079 | < 0.084 |
| Benzene | 0.03 b | 2,300e | 2.2e | 0.03 | 0.17 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| Bromodichloromethane (Dichlorobromomethane) | 0.6 b | 2,000e | 3,000d | 0.6 | 0.6 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| Bromoform | 0.8 b | 16,000e | 140e | 0.8 | 0.8 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| Bromomethane (Methyl Bromide) | 0.2 b | 1000b | 3.9b | 0.2b | 1.2 | ** | < 0.011 | --- | --- | < 0.011 | < 0.011 |
| Carbon disulfide | 9 g | 20,000b | 9.0b | 32b | 160 | * | < 0.057 | --- | --- | < 0.053 | < 0.056 |
| Carbon tetrachloride | 0.07 b | 410b | 0.90e | 0.07 | 0.33 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| Chlorobenzene (Monochlorobenzene) | 1 b | 4,100b | 1.3b | 1 | 6.5 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| Chloroform | 0.3 g | 2,000b | 0.76e | 0.6 | 2.9 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| Dibromochloromethane (Chlorodibromomethane) | 0.4 b | 41,000b | 1,300d | 0.4 | 0.4 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| 1,1-Dichloroethane | 23 b | 200,000b | 130b | 23b | 110 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| 1,2-Dichloroethane (Ethylene dichloride) | 0.02 b | 1,400e | 0.99e | 0.02 | 0.1 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| 1,1-Dichloroethene (1,1-Dichloroethylene) | 0.06 b | 10,000b | 3.0b | 0.06 | 0.3 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| cis-1,2-Dichloroethene (cis-1,2-Dichloroethylene) | 0.4 b | 20,000b | 1,200d | 0.4 | 1.1 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| trans-1,2-Dichloroethene (trans-1,2-Dichloroethylene) | 0.7 b | 41,000b | 3,100d | 0.7 | 3.4 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| 1,2-Dichloropropane | 0.03 b | 1,800e | 0.50b | 0.03 | 0.15 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| cis-1,3-Dichloropropene (1) | 0.005 c | 1,200e | 0.39b | 0.004e | 0.02 | 0.005 | < 0.0023 | --- | --- | < 0.0021 | < 0.0022 |
| trans-1,3-Dichloropropene (1) | 0.005 c | 1,200e | 0.39b | 0.004e | 0.02 | 0.005 | < 0.0023 | --- | --- | < 0.0021 | < 0.0022 |
| Ethylbenzene | 13 b | 20,000b | 58b | 13 | 19 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| Methylene chloride (Dichloromethane) | 0.02 b | 12,000b | 34e | 0.02e | 0.2 | * | < 0.011 | --- | --- | < 0.011 | < 0.011 |
| MTBE (methyl tertiary-butyl ether) | 0.32 b | 2,000b | 140b | 0.32 | 0.32 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| Styrene | 4 b | 41,000b | 430b | 4 | 18 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| 1,1,2,2-Tetrachloroethane | NE | ** | ** | ** | ** | ** | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| Toluene | 12 b | 410,000b | 42b | 12 | 29 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| 1,1,1-Trichloroethane | 2 b | –c | 1,200d | 2 | 9.6 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| 1,1,2-Trichloroethane | 0.02 b | 8,200b | 1,800d | 0.02 | 0.3 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| Trichloroethene (Trichloroethylene) | 0.06 b | 1,200b | 12e | 0.06 | 0.3 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| Vinyl Chloride | 0.01 b | 170e | 1.1b | 0.01 | 0.07 | * | < 0.0057 | --- | --- | < 0.0053 | < 0.0056 |
| Xylenes (total) | 5.6 g | 41,000b | 5.6b | 150 | 150 | * | < 0.017 | --- | --- | < 0.016 | < 0.017 |

**Part 742 Notes**

| | |
|---|---|
| * | Indicates that the ADL is less than or equal to the specified remediation objective. |
| ** | Indicates that the value is not listed in TACO, Section 742, Table A or B. |
| N/A | N/A means Not Applicable |
| —a | No data available for this pH range |

| | **V3 Table Notes:** |
|---|---|
| **0.11** | Indicates exceedance of applicable MAC |
| **0.11** | Indicates exceedance of Tier 1 remediation objective and applicable MAC |
| 0.11 | Indicates lab detection limit is greater than remediation objective |
| --- | Indicates chemical not analyzed or not sampled |
| (1) | (1) Indicates value is for (1,3-Dichloropropylene, cis+trans) |
| a | Concentrations are the results after using methods described in 35 IAC 1100.Subpart F for determining Maximum Allowable Concentrations (MACs) of chemical constitutents in uncontaminated soils used as fill material at regulated fill operations. |
| | See attached for notations for specified MAC or TACO RO. |

**TABLE 2**
**SOIL ANALYTICAL RESULTS (SVOCs)**
**Proposed Watermain Plans – Oakland Ave, Crest Hill, IL**

| Chemical Name | 35 IAC 1100.Subpart F Maximum Allowable Concentration* (mg/kg) | 35 IAC Part 742, Appendix B, Tables A and B Industrial-Commercial Exposure Route-Specific Values for Soils Construction Worker Ingestion (mg/kg) | Construction Worker Inhalation (mg/kg) | Background Carcinogenic PAH 95th Percentile Concentrations Chicago[b] (mg/kg) | Within MSA (mg/kg) | Outside MSA (mg/kg) | ADL (mg/kg) | V3 10/20/2023 OAK-B01 (6-8) 6-8 ft mg/kg | 10/20/2023 OAK-B02 (5-7) 5-7 ft mg/kg | 10/20/2023 OAK-B03 (8-10) 8-10 ft mg/kg | 10/20/2023 OAK-B04 (3-5) 3-5 ft mg/kg | 10/20/2023 OAK-B05 (4-6) 4-6 ft mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatiles (Method - 8270C/8270SIM) Base Neutral/Acid Compounds (Includes Polynuclear Aromatics)** | | | | | | | | | | | | |
| Acenaphthene | 570 b | 120,000b | —c | 0.94 | 0.13 | 0.04 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| Anthracene | 12000 b | 610,000b | —c | 2.6 | 0.4 | 0.14 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| Benzo(*a*)anthracene | 1.8f | 170e | —c | 11 | 1.8 | 0.72 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| Benzo(*e*) pyrene | 2.1f | 17e | —c | 11 | 2.1 | 0.98 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| Benzo(*b*)fluoranthene | 2.1f | 170e | —c | 13 | 2.1 | 0.70 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| Benzo(*k*) fluoranthene | 9 g | 1,700e | —c | 8.1 | 1.7 | 0.63 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| Benzoic Acid | 400 d | 820,000b | —c | ** | ** | ** | * | < 1.1 | — | — | < 1.0 | < 1.0 |
| bis (2-Chloroethoxy)methane | NE | ** | ** | ** | ** | ** | ** | < 0.22 | — | — | < 0.21 | < 0.21 |
| bis (2-Ethylhexyl)phthalate | 46 g | 4,100b | 31,000d | ** | ** | ** | * | < 1.1 | — | — | < 1.0 | < 1.0 |
| Butyl benzyl phthalate | 930 l | 410,000b | 930d | ** | ** | ** | * | < 1.1 | — | — | < 1.0 | < 1.0 |
| Carbazole | 0.6 b | 6200e | —c | ** | ** | ** | NA | < 0.22 | — | — | < 0.21 | < 0.21 |
| 4-Chloroaniline | 0.7 b | 820b | —c | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| 2-Chlorophenol | 1.5 d | 10,000b | 53,000d | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| Chrysene | 88 g | 17,000e | —c | 11 | 2.7 | 1.1 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| Dibenzo(*a,h*)anthracene | 0.42f | 17e | —c | 1.0 | 0.42 | 0.15 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| 1,2-Dichlorobenzene (*o*-Dichlorobenzene) | 17 b | 18,000b | 310b | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| 1,4-Dichlorobenzene (*p*-Dichlorobenzene) | 2 b | —c | 340b | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| 3,3'-Dichlorobenzidine | 1.3 c | 280e | —c | ** | ** | ** | 1.3 | < 0.22 | — | — | < 0.21 | < 0.21 |
| 2,4-Dichlorophenol | 0.48 d | 610b | —c | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| Diethyl phthalate | 470 b | 1,000,000b | 2,000d | ** | ** | ** | * | < 1.1 | — | — | < 1.0 | < 1.0 |
| 2,4-Dimethylphenol | 9 b | 41,000b | —c | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| 2,4-Dinitrophenol | 3.3 c | 410b | —c | ** | ** | ** | 3.3 | < 1.1 | — | — | < 1.0 | < 1.0 |
| 2,4-Dinitrotoluene | 0.25 c | 180e | —c | ** | ** | ** | 0.25 | < 0.042 | — | — | < 0.041 | < 0.041 |
| 2,6-Dinitrotoluene | 0.26 c | 180e | —c | ** | ** | ** | 0.26 | < 0.042 | — | — | < 0.041 | < 0.041 |
| Di-n-butylphthalate | 2300 l | 200,000b | 2,300d | ** | ** | ** | * | < 1.1 | — | — | < 1.0 | < 1.0 |
| Di-n-octylphthalate | 1600 g | 4,100b | 10,000d | ** | ** | ** | * | < 1.1 | — | — | < 1.0 | < 1.0 |
| Fluoranthene | 3100 g | 82,000b | —c | 28 | 4.1 | 1.8 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| Fluorene | 560 b | 82,000b | —c | 1.1 | 0.18 | 0.04 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| Hexachlorobenzene | 0.4 g | 78e | 2.6e | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| Hexachlorocyclopentadiene | 1.1 g | 14,000b | 1.1b | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| Hexachloroethane | 0.5 b | 2,000b | —c | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| Indeno(1,2,3-*c,d*)pyrene | 1.8f | 170e | —c | 5.8 | 1.6 | 0.51 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| Isophorone | 6 b | 410,000b | 4,600d | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| 2-Methylphenol (o-cresol) | 15 b | 100,000b | —c | ** | ** | ** | ** | < 0.22 | — | — | < 0.21 | < 0.21 |
| Naphthalene | 1.8 g | 4,100b | 1.8b | 0.26 | 0.2 | 0.17 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| Nitrobenzene | 0.26 c | 1,000b | 9.4b | ** | ** | ** | 0.26 | < 0.042 | — | — | < 0.041 | < 0.041 |
| N-Nitroso-di-n-propylamine | 0.0018 c | 18e | —c | ** | ** | ** | 0.0018 | < 0.042 | — | — | < 0.041 | < 0.041 |
| N-Nitrosodiphenylamine | 1 b | 25,000e | —c | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| Pentachlorophenol | 0.02 d | 520e | —c | ** | ** | ** | * | < 0.085 | — | — | < 0.083 | < 0.084 |
| Phenol | 100 b | 61,000b | —c | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| Pyrene | 2300 g | 61,000b | —c | 18 | 3 | 1.2 | * | < 0.042 | — | — | < 0.041 | < 0.041 |
| 1,2,4-Trichlorobenzene | 5 b | 2,000b | 920b | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| 2,4,5-Trichlorophenol | 26 d | 200,000b | —c | ** | ** | ** | * | < 0.22 | — | — | < 0.21 | < 0.21 |
| 2,4,6-Trichlorophenol | 0.66 c | 11,000e | 540e | ** | ** | ** | 0.66 | < 0.22 | — | — | < 0.21 | < 0.21 |

**Part 742 Notes**

| | |
|---|---|
| * | Indicates that the ADL is less than or equal to the specified remediation objective. |
| ** | Indicates that the value is not listed in TACO, Section 742, Table A or B. |
| N/A | N/A means Not Applicable |
| —a | No data available for this pH range |

**V3 Table Notes:**

| | |
|---|---|
| 0.11 | Indicates exceedance of applicable MAC |
| 0.11 | Indicates exceedance of Tier 1 residential ingestion, but does not exceed background value. TACO allows the use of Background as the remediation objective |
| 0.11 | Indicates lab detection limit is greater than remediation objective |
| | Indicates that the MAC is dependent on the location of the fill site. |
| — | Indicates chemical not analyzed or not sampled |
| a | Concentrations are the results after using methods described in 35 IAC 1100.Subpart F for determining Maximum Allowable Concentrations (MACs) of chemical constitutents in uncontaminated soils used as fill material at regulated fill operations. |
| | See attached for notations for specified MAC or TACO RO. |

MAC assumes the location of fill site is within a populated area in a Metropolitan Statistical Area excluding Chicago.

**Counties within Metrocolitan Statistical Areas:** Boone, Champaign, Clinton, Cook, DuPage, Grundy, Henry, Jersey, Kane, Kankakee, Kendall, Lake, Macon, Madison, McHenry, McLean, Mendard, Monroe, Peoria, Rock Island, Sangamon, St. Clair, Tazewell, Will, Winnebago and Woodford.

| Chemical Name | 35 IAC 1100.Subpart F Maximum Allowable Concentration[a] (mg/kg) | 35 IAC Part 742, Appendix B, Tables A and B — Industrial-Commerical — Exposure Route-Specific Values for Soils — Construction Worker — Ingestion (mg/kg) | 35 IAC Part 742, Appendix B, Tables A and B — Industrial-Commerical — Exposure Route-Specific Values for Soils — Construction Worker — Inhalation (mg/kg) | ADL (mg/kg) | [A]Counties Within Metropolitan Statistical Areas[B] (For Inorganic Chem.in Background Soils) (mg/kg) | [A]Counties Outside Metropolitan Statistical Areas[B] (For Inorganic Chem.in Background Soils) (mg/kg) | V3 10/20/2023 OAK-B01 (6-8) 6-8 ft mg/kg | V3 10/20/2023 OAK-B02 (5-7) 5-7 ft mg/kg | V3 10/20/2023 OAK-B03 (8-10) 8-10 ft mg/kg | V3 10/20/2023 OAK-B04 (3-5) 3-5 ft mg/kg | V3 10/20/2023 OAK-B05 (4-6) 4-6 ft mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **INORGANICS (Method - 6010B/7000A) Metals (Totals)** | | | | | | | | | | | |
| Arsenic[l,n] | 13.0 e | 61b | 25,000e | * | 13 | 11.3 | 14 | — | — | 10 | 7.9 |
| Barium | 1500 d,m | 14,000b | 870,000b | * | 110 | 122 | 140 | — | — | 170 | 190 |
| Cadmium[l,n] | 5.2 d,m | 200b,r | 59,000e | * | 0.6 | 0.5 | 0.85 | — | — | < 0.63 | < 0.53 |
| Chromium, total | 21 d,m | 4,100b | 690e | * | 16.2 | 13 | 20 | — | — | 23 | 21 |
| Lead | 107 d,m | 700y | —c | * | 36 | 20.9 | 20 | — | — | 16 | 16 |
| Mercury[l,n,s] | 0.89 d,m,n | 61b | 0.1b | * | 0.06 | 0.05 | 0.025 | — | — | 0.050 | 0.044 |
| Selenium[l,n] | 1.3 d,m | 1,000b | —c | * | 0.48 | 0.37 | < 1.1 | — | — | < 1.3 | < 1.1 |
| Silver | 4.4 d,m | 1,000b | —c | * | 0.55 | 0.5 | < 1.1 | — | — | < 1.3 | < 1.1 |
| **SPLP INORGANICS (Method - 1312/7421)** | Soil Component of the Groundwater Ingestion Class I (mg/L) | | | | | | mg/L | mg/L | mg/L | mg/L | mg/L |
| SPLP Chromium | 0.1m | | | | | | — | — | — | 0.013 | — |
| **Other Parameters** | | | | | | | | | | | |
| pH@ 25°C (1:10) | | | | | | | 8.90 | 8.83 | 8.50 | 8.33 | 8.21 |

**Part 742 Notes**

| | |
|---|---|
| * | Indicates that the ADL is less than or equal to the specified remediation objective. |
| ** | Indicates that the value is not listed in TACO, Section 742, Table A or B. |
| N/A | N/A means Not Applicable |
| ---s | No data available for this pH range |

**V3 Table Notes:**

| | |
|---|---|
| 0.11 | Indicates exceedance of applicable MAC |
| 0.11 | Indicates applicable pH-based Tier 1 soil component of the groundwater ingestion RO exceeded, but that Tier 1 compliance (Class I) has been achieved by SPLP or TCLP analysis |
| 0.11 | Indicates lab detection limit is greater than remediation objective |
| 0.11 | Indicates pH is outside allowable range (6.25-9.0) for CCDD acceptance (35 IAC Part 1100) |
| | Indicates that the MAC is dependent on the location of the fill site |
| --- | Indicates chemical not analyzed or not sampled |
| a | Concentrations are the results after using methods described in 35 IAC 1100.Subpart F for determining Maximum Allowable Concentrations of chemical constituents in uncontaminated soils used as fill material at regulated fill operations. |

[A] Section 742, Appendix A, Table G: Concentrations of Inorganic Chemicals in Background Soils

[B] **Counties within Metropolitan Statistical Areas (MSA):** Boone, Champaign, Clinton, Cook, DuPage, Grundy, Henry, Jersey, Kane, Kankakee, Kendall, Lake, Macon, Madison, McHenry, McLean, Mendard, Monroe, Peoria, Rock Island, Sangamon, St. Clair, Tazewell, Will, Winnebago and Woodford.

[C] Section 742, Appendix B, Table C-D: pH Specific Soil Remediation Objectives for Inorganics and Ionizing Organics for the Soil Component of the Groundwater Ingestion Route (Class I /II Groundwater)

See attached for notations for specified MAC or TACO RO.

**MAC assumes the location of fill site is within a Metropolitan Statistical Area county.**

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November 07, 2023

V3 Companies of Illinois
7325 Janes Avenue
Woodridge, IL 60517
Telephone: (630) 724-9200
Fax: (630) 724-9202

Analytical Report for Work Order: 23100663 Revision 1

RE: 230652, Crest Hills - Oakland Ave., Crest Hill, IL.

Dear V3 Companies:

Sterling Labs received 5 samples for the referenced project on 10/20/2023 2:22:00 PM. The analytical results are presented in the following report.

This report is revised to reflect additional analysis requested after the last report revision.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / TNI standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Justice Kwateng
Project Manager

*The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. Sterling labs is not responsible for customer provided information found in the report that is used to calculate final results. If you have received this report in error, please notify us immediately by phone.This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, Sterling Labs will be under no obligation to support, defend or discuss the analytical report.*

sterling labs

**Date:** November 07, 2023

**Customer:** V3 Companies of Illinois
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Work Order:** 23100663 Revision 1

# Work Order Sample Summary

| Lab Sample ID | Customer Sample ID | Tag Number | Collection Date | Date Received |
|---|---|---|---|---|
| 23100663-001A | Oak-B01 (6-8) | | 10/20/2023 8:40:00 AM | 10/20/2023 |
| 23100663-001B | Oak-B01 (6-8) | | 10/20/2023 8:40:00 AM | 10/20/2023 |
| 23100663-002A | Oak-B02 (5-7) | | 10/20/2023 9:18:00 AM | 10/20/2023 |
| 23100663-003A | Oak-B03 (8-10) | | 10/20/2023 9:48:00 AM | 10/20/2023 |
| 23100663-004A | Oak-B04 (3-5) | | 10/20/2023 10:28:00 AM | 10/20/2023 |
| 23100663-004B | Oak-B04 (3-5) | | 10/20/2023 10:28:00 AM | 10/20/2023 |
| 23100663-005A | Oak-B05 (4-6) | | 10/20/2023 10:54:00 AM | 10/20/2023 |
| 23100663-005B | Oak-B05 (4-6) | | 10/20/2023 10:54:00 AM | 10/20/2023 |

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**Date Reported:** November 07, 2023
**Date Printed:** November 07, 2023

# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-001

**Customer Sample ID:** Oak-B01 (6-8)
**Collection Date:** 10/20/2023 8:40:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by GC/MS** *IEPA ELAP 100445* | **SW5035/8260B** | | | Prep Date: **10/25/2023** | | Analyst: **CBG** |
| Acetone | ND | 0.086 | | mg/Kg-dry | 1 | 10/26/2023 |
| Benzene | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Bromodichloromethane | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Bromoform | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Bromomethane | ND | 0.011 | | mg/Kg-dry | 1 | 10/26/2023 |
| 2-Butanone | ND | 0.086 | | mg/Kg-dry | 1 | 10/26/2023 |
| Carbon disulfide | ND | 0.057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Carbon tetrachloride | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Chlorobenzene | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Chloroethane | ND | 0.011 | | mg/Kg-dry | 1 | 10/26/2023 |
| Chloroform | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Chloromethane | ND | 0.011 | | mg/Kg-dry | 1 | 10/26/2023 |
| Dibromochloromethane | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1-Dichloroethane | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,2-Dichloroethane | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1-Dichloroethene | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| cis-1,2-Dichloroethene | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| trans-1,2-Dichloroethene | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,2-Dichloropropane | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| cis-1,3-Dichloropropene | ND | 0.0023 | | mg/Kg-dry | 1 | 10/26/2023 |
| trans-1,3-Dichloropropene | ND | 0.0023 | | mg/Kg-dry | 1 | 10/26/2023 |
| Ethylbenzene | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| 2-Hexanone | ND | 0.023 | | mg/Kg-dry | 1 | 10/26/2023 |
| 4-Methyl-2-pentanone | ND | 0.023 | | mg/Kg-dry | 1 | 10/26/2023 |
| Methylene chloride | ND | 0.011 | | mg/Kg-dry | 1 | 10/26/2023 |
| Methyl tert-butyl ether | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Styrene | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Tetrachloroethene | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Toluene | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1,1-Trichloroethane | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1,2-Trichloroethane | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Trichloroethene | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Vinyl chloride | ND | 0.0057 | | mg/Kg-dry | 1 | 10/26/2023 |
| Xylenes, Total | ND | 0.017 | | mg/Kg-dry | 1 | 10/26/2023 |
| **Semivolatile Organic Compounds by GC/MS** *IEPA ELAP 100445* | **SW8270C (SW3550B)** | | | Prep Date: **10/23/2023** | | Analyst: **TEM** |
| Acenaphthene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Acenaphthylene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
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**Date Reported:** November 07, 2023
**Date Printed:** November 07, 2023

# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-001

**Customer Sample ID:** Oak-B01 (6-8)
**Collection Date:** 10/20/2023 8:40:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC/MS** | **SW8270C (SW3550B)** | | | Prep Date: **10/23/2023** | Analyst: **TEM** | |
| *IEPA ELAP 100445* | | | | | | |
| Aniline | ND | 0.42 | | mg/Kg-dry | 1 | 10/24/2023 |
| Anthracene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benz(a)anthracene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzidine | ND | 0.42 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzo(a)pyrene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzo(b)fluoranthene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzo(g,h,i)perylene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzo(k)fluoranthene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzoic acid | ND | 1.1 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzyl alcohol | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Bis(2-chloroethoxy)methane | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Bis(2-chloroethyl)ether | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Bis(2-ethylhexyl)phthalate | ND | 1.1 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Bromophenyl phenyl ether | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Butyl benzyl phthalate | ND | 1.1 | | mg/Kg-dry | 1 | 10/24/2023 |
| Carbazole | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Chloroaniline | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Chloro-3-methylphenol | ND | 0.42 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Chloronaphthalene | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Chlorophenol | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Chlorophenyl phenyl ether | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2, 2'-oxybis(1-Chloropropane) | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Chrysene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Dibenz(a,h)anthracene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Dibenzofuran | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 1,2-Dichlorobenzene | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 1,3-Dichlorobenzene | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 1,4-Dichlorobenzene | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 3,3'-Dichlorobenzidine | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4-Dichlorophenol | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Diethyl phthalate | ND | 1.1 | | mg/Kg-dry | 1 | 10/24/2023 |
| Dimethyl phthalate | ND | 1.1 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4-Dimethylphenol | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Di-n-butyl phthalate | ND | 1.1 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4,6-Dinitro-2-methylphenol | ND | 0.42 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4-Dinitrophenol | ND | 1.1 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4-Dinitrotoluene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,6-Dinitrotoluene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Di-n-octyl phthalate | ND | 1.1 | | mg/Kg-dry | 1 | 10/24/2023 |
| Fluoranthene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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**Date Reported:** November 07, 2023
**Date Printed:** November 07, 2023

# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-001

**Customer Sample ID:** Oak-B01 (6-8)
**Collection Date:** 10/20/2023 8:40:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC/MS** *IEPA ELAP 100445* | **SW8270C (SW3550B)** | | | Prep Date: **10/23/2023** | | Analyst: **TEM** |
| Fluorene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Hexachlorobenzene | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Hexachlorobutadiene | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Hexachlorocyclopentadiene | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Hexachloroethane | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Indeno(1,2,3-cd)pyrene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Isophorone | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Methylnaphthalene | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Methylphenol | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Methylphenol | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Naphthalene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Nitroaniline | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 3-Nitroaniline | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Nitroaniline | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Nitrobenzene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Nitrophenol | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Nitrophenol | ND | 0.42 | | mg/Kg-dry | 1 | 10/24/2023 |
| N-Nitrosodimethylamine | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| N-Nitrosodi-n-propylamine | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| N-Nitrosodiphenylamine | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Pentachlorophenol | ND | 0.085 | | mg/Kg-dry | 1 | 10/24/2023 |
| Phenanthrene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Phenol | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| Pyrene | ND | 0.042 | | mg/Kg-dry | 1 | 10/24/2023 |
| Pyridine | ND | 0.85 | | mg/Kg-dry | 1 | 10/24/2023 |
| 1,2,4-Trichlorobenzene | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4,5-Trichlorophenol | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4,6-Trichlorophenol | ND | 0.22 | | mg/Kg-dry | 1 | 10/24/2023 |
| **Metals by ICP/MS** *IEPA ELAP 100445* | **SW6020A (SW3050B)** | | | Prep Date: **10/25/2023** | | Analyst: **MMR** |
| Arsenic | 14 | 1.1 | | mg/Kg-dry | 10 | 10/25/2023 |
| Barium | 140 | 1.1 | | mg/Kg-dry | 10 | 10/25/2023 |
| Cadmium | 0.85 | 0.56 | | mg/Kg-dry | 10 | 10/25/2023 |
| Chromium | 20 | 1.1 | | mg/Kg-dry | 10 | 10/25/2023 |
| Lead | 20 | 0.56 | | mg/Kg-dry | 10 | 10/25/2023 |
| Selenium | ND | 1.1 | | mg/Kg-dry | 10 | 10/25/2023 |
| Silver | ND | 1.1 | | mg/Kg-dry | 10 | 10/25/2023 |
| **Mercury** *IEPA ELAP 100445* | **SW7471B** | | | Prep Date: **10/23/2023** | | Analyst: **SH** |

**Qualifiers:**
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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**Date Reported:** November 07, 2023
**Date Printed:** November 07, 2023

# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-001

**Customer Sample ID:** Oak-B01 (6-8)
**Collection Date:** 10/20/2023 8:40:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **Mercury** | **SW7471B** | | | Prep Date: **10/23/2023** | | Analyst: **SH** |
| Mercury | 0.025 | 0.023 | | mg/Kg-dry | 1 | 10/23/2023 |
| **pH (25 °C)** | **SW9045C** | | | Prep Date: **10/23/2023** | | Analyst: **LJ1** |
| *IEPA ELAP 100445* | | | | | | |
| pH | 8.90 | | | pH Units | 1 | 10/23/2023 |
| **Percent Moisture** | **D2974** | | | Prep Date: **10/24/2023** | | Analyst: **EH1** |
| Percent Moisture | 22.8 | 0.2 | * | wt% | 1 | 10/25/2023 |

**Qualifiers:**

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S - Spike Recovery outside accepted recovery limits
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H - Holding time exceeded

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**Date Reported:** November 07, 2023
**Date Printed:** November 07, 2023

# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-002

**Customer Sample ID:** Oak-B02 (5-7)
**Collection Date:** 10/20/2023 9:18:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **pH (25 °C)** | **SW9045C** | | | Prep Date: **10/23/2023** | | Analyst: **LJ1** |
| *IEPA ELAP 100445* | | | | | | |
| pH | 8.83 | | | pH Units | 1 | 10/23/2023 |

**Qualifiers:**

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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R - RPD outside accepted recovery limits
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**Date Printed:** November 07, 2023

# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-003

**Customer Sample ID:** Oak-B03 (8-10)
**Collection Date:** 10/20/2023 9:48:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **pH (25 °C)** | **SW9045C** | | | Prep Date: **10/23/2023** | | Analyst: **LJ1** |
| *IEPA ELAP 100445* | | | | | | |
| pH | 8.50 | | | pH Units | 1 | 10/23/2023 |

**Qualifiers:**

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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**Date Reported:** November 07, 2023
**Date Printed:** November 07, 2023

# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-004

**Customer Sample ID:** Oak-B04 (3-5)
**Collection Date:** 10/20/2023 10:28:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by GC/MS** *IEPA ELAP 100445* | **SW5035/8260B** | | | Prep Date: **10/25/2023** | | Analyst: **CBG** |
| Acetone | ND | 0.079 | | mg/Kg-dry | 1 | 10/26/2023 |
| Benzene | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Bromodichloromethane | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Bromoform | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Bromomethane | ND | 0.011 | | mg/Kg-dry | 1 | 10/26/2023 |
| 2-Butanone | ND | 0.079 | | mg/Kg-dry | 1 | 10/26/2023 |
| Carbon disulfide | ND | 0.053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Carbon tetrachloride | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Chlorobenzene | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Chloroethane | ND | 0.011 | | mg/Kg-dry | 1 | 10/26/2023 |
| Chloroform | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Chloromethane | ND | 0.011 | | mg/Kg-dry | 1 | 10/26/2023 |
| Dibromochloromethane | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1-Dichloroethane | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,2-Dichloroethane | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1-Dichloroethene | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| cis-1,2-Dichloroethene | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| trans-1,2-Dichloroethene | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,2-Dichloropropane | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| cis-1,3-Dichloropropene | ND | 0.0021 | | mg/Kg-dry | 1 | 10/26/2023 |
| trans-1,3-Dichloropropene | ND | 0.0021 | | mg/Kg-dry | 1 | 10/26/2023 |
| Ethylbenzene | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| 2-Hexanone | ND | 0.021 | | mg/Kg-dry | 1 | 10/26/2023 |
| 4-Methyl-2-pentanone | ND | 0.021 | | mg/Kg-dry | 1 | 10/26/2023 |
| Methylene chloride | ND | 0.011 | | mg/Kg-dry | 1 | 10/26/2023 |
| Methyl tert-butyl ether | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Styrene | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Tetrachloroethene | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Toluene | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1,1-Trichloroethane | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1,2-Trichloroethane | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Trichloroethene | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Vinyl chloride | ND | 0.0053 | | mg/Kg-dry | 1 | 10/26/2023 |
| Xylenes, Total | ND | 0.016 | | mg/Kg-dry | 1 | 10/26/2023 |
| **Semivolatile Organic Compounds by GC/MS** *IEPA ELAP 100445* | **SW8270C (SW3550B)** | | | Prep Date: **10/23/2023** | | Analyst: **TEM** |
| Acenaphthene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Acenaphthylene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |

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**Date Reported:** November 07, 2023
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# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-004

**Customer Sample ID:** Oak-B04 (3-5)
**Collection Date:** 10/20/2023 10:28:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC/MS** | **SW8270C (SW3550B)** | | | Prep Date: **10/23/2023** | | Analyst: **TEM** |
| *IEPA ELAP 100445* | | | | | | |
| Aniline | ND | 0.41 | | mg/Kg-dry | 1 | 10/24/2023 |
| Anthracene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benz(a)anthracene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzidine | ND | 0.41 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzo(a)pyrene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzo(b)fluoranthene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzo(g,h,i)perylene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzo(k)fluoranthene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzoic acid | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzyl alcohol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Bis(2-chloroethoxy)methane | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Bis(2-chloroethyl)ether | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Bis(2-ethylhexyl)phthalate | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Bromophenyl phenyl ether | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Butyl benzyl phthalate | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| Carbazole | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Chloroaniline | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Chloro-3-methylphenol | ND | 0.41 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Chloronaphthalene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Chlorophenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Chlorophenyl phenyl ether | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2, 2'-oxybis(1-Chloropropane) | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Chrysene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Dibenz(a,h)anthracene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Dibenzofuran | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 1,2-Dichlorobenzene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 1,3-Dichlorobenzene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 1,4-Dichlorobenzene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 3,3´-Dichlorobenzidine | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4-Dichlorophenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Diethyl phthalate | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| Dimethyl phthalate | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4-Dimethylphenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Di-n-butyl phthalate | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4,6-Dinitro-2-methylphenol | ND | 0.41 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4-Dinitrophenol | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4-Dinitrotoluene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,6-Dinitrotoluene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Di-n-octyl phthalate | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| Fluoranthene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |

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**Date Reported:** November 07, 2023
**Date Printed:** November 07, 2023

# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-004

**Customer Sample ID:** Oak-B04 (3-5)
**Collection Date:** 10/20/2023 10:28:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC/MS** | **SW8270C (SW3550B)** | | | Prep Date: **10/23/2023** | | Analyst: **TEM** |
| *IEPA ELAP 100445* | | | | | | |
| Fluorene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Hexachlorobenzene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Hexachlorobutadiene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Hexachlorocyclopentadiene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Hexachloroethane | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Indeno(1,2,3-cd)pyrene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Isophorone | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Methylnaphthalene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Methylphenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Methylphenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Naphthalene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Nitroaniline | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 3-Nitroaniline | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Nitroaniline | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Nitrobenzene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Nitrophenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Nitrophenol | ND | 0.41 | | mg/Kg-dry | 1 | 10/24/2023 |
| N-Nitrosodimethylamine | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| N-Nitrosodi-n-propylamine | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| N-Nitrosodiphenylamine | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Pentachlorophenol | ND | 0.083 | | mg/Kg-dry | 1 | 10/24/2023 |
| Phenanthrene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Phenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Pyrene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Pyridine | ND | 0.83 | | mg/Kg-dry | 1 | 10/24/2023 |
| 1,2,4-Trichlorobenzene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4,5-Trichlorophenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4,6-Trichlorophenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| **Metals by ICP/MS** | **SW6020A (SW3050B)** | | | Prep Date: **10/25/2023** | | Analyst: **MMR** |
| *IEPA ELAP 100445* | | | | | | |
| Arsenic | 10 | 1.3 | | mg/Kg-dry | 10 | 10/25/2023 |
| Barium | 170 | 1.3 | | mg/Kg-dry | 10 | 10/25/2023 |
| Cadmium | ND | 0.63 | | mg/Kg-dry | 10 | 10/25/2023 |
| Chromium | 23 | 1.3 | | mg/Kg-dry | 10 | 10/25/2023 |
| Lead | 16 | 0.63 | | mg/Kg-dry | 10 | 10/25/2023 |
| Selenium | ND | 1.3 | | mg/Kg-dry | 10 | 10/25/2023 |
| Silver | ND | 1.3 | | mg/Kg-dry | 10 | 10/25/2023 |
| **SPLP Metals by ICP/MS** | **SW1312/6020A (SW3005A)** | | | Prep Date: **11/2/2023** | | Analyst: **MMR** |
| *IEPA ELAP 100445* | | | | | | |

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**Date Reported:** November 07, 2023
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# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-004

**Customer Sample ID:** Oak-B04 (3-5)
**Collection Date:** 10/20/2023 10:28:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **SPLP Metals by ICP/MS** | **SW1312/6020A (SW3005A)** | | | Prep Date: **11/2/2023** | | Analyst: **MMR** |
| Chromium | 0.013 | 0.0040 | | mg/L | 2 | 11/6/2023 |
| **Mercury** | **SW7471B** | | | Prep Date: **10/23/2023** | | Analyst: **SH** |
| *IEPA ELAP 100445* | | | | | | |
| Mercury | 0.050 | 0.020 | | mg/Kg-dry | 1 | 10/23/2023 |
| **pH (25 °C)** | **SW9045C** | | | Prep Date: **10/23/2023** | | Analyst: **LJ1** |
| *IEPA ELAP 100445* | | | | | | |
| pH | 8.33 | | | pH Units | 1 | 10/23/2023 |
| **Percent Moisture** | **D2974** | | | Prep Date: **10/24/2023** | | Analyst: **EH1** |
| Percent Moisture | 20.7 | 0.2 | * | wt% | 1 | 10/25/2023 |

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**Date Reported:** November 07, 2023
**Date Printed:** November 07, 2023

# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-005

**Customer Sample ID:** Oak-B05 (4-6)
**Collection Date:** 10/20/2023 10:54:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by GC/MS** *IEPA ELAP 100445* | **SW5035/8260B** | | | Prep Date: **10/25/2023** | | Analyst: **CBG** |
| Acetone | ND | 0.084 | | mg/Kg-dry | 1 | 10/26/2023 |
| Benzene | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Bromodichloromethane | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Bromoform | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Bromomethane | ND | 0.011 | | mg/Kg-dry | 1 | 10/26/2023 |
| 2-Butanone | ND | 0.084 | | mg/Kg-dry | 1 | 10/26/2023 |
| Carbon disulfide | ND | 0.056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Carbon tetrachloride | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Chlorobenzene | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Chloroethane | ND | 0.011 | | mg/Kg-dry | 1 | 10/26/2023 |
| Chloroform | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Chloromethane | ND | 0.011 | | mg/Kg-dry | 1 | 10/26/2023 |
| Dibromochloromethane | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1-Dichloroethane | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,2-Dichloroethane | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1-Dichloroethene | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| cis-1,2-Dichloroethene | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| trans-1,2-Dichloroethene | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,2-Dichloropropane | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| cis-1,3-Dichloropropene | ND | 0.0022 | | mg/Kg-dry | 1 | 10/26/2023 |
| trans-1,3-Dichloropropene | ND | 0.0022 | | mg/Kg-dry | 1 | 10/26/2023 |
| Ethylbenzene | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| 2-Hexanone | ND | 0.022 | | mg/Kg-dry | 1 | 10/26/2023 |
| 4-Methyl-2-pentanone | ND | 0.022 | | mg/Kg-dry | 1 | 10/26/2023 |
| Methylene chloride | ND | 0.011 | | mg/Kg-dry | 1 | 10/26/2023 |
| Methyl tert-butyl ether | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Styrene | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Tetrachloroethene | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Toluene | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1,1-Trichloroethane | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| 1,1,2-Trichloroethane | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Trichloroethene | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Vinyl chloride | ND | 0.0056 | | mg/Kg-dry | 1 | 10/26/2023 |
| Xylenes, Total | ND | 0.017 | | mg/Kg-dry | 1 | 10/26/2023 |
| **Semivolatile Organic Compounds by GC/MS** *IEPA ELAP 100445* | **SW8270C (SW3550B)** | | | Prep Date: **10/23/2023** | | Analyst: **TEM** |
| Acenaphthene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Acenaphthylene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |

**Qualifiers:**
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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**Date Reported:** November 07, 2023
**Date Printed:** November 07, 2023

# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-005

**Customer Sample ID:** Oak-B05 (4-6)
**Collection Date:** 10/20/2023 10:54:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC/MS** | **SW8270C (SW3550B)** | | | Prep Date: **10/23/2023** | | Analyst: **TEM** |
| *IEPA ELAP 100445* | | | | | | |
| Aniline | ND | 0.42 | | mg/Kg-dry | 1 | 10/24/2023 |
| Anthracene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benz(a)anthracene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzidine | ND | 0.41 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzo(a)pyrene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzo(b)fluoranthene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzo(g,h,i)perylene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzo(k)fluoranthene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzoic acid | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| Benzyl alcohol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Bis(2-chloroethoxy)methane | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Bis(2-chloroethyl)ether | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Bis(2-ethylhexyl)phthalate | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Bromophenyl phenyl ether | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Butyl benzyl phthalate | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| Carbazole | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Chloroaniline | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Chloro-3-methylphenol | ND | 0.41 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Chloronaphthalene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Chlorophenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Chlorophenyl phenyl ether | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2, 2'-oxybis(1-Chloropropane) | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Chrysene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Dibenz(a,h)anthracene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Dibenzofuran | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 1,2-Dichlorobenzene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 1,3-Dichlorobenzene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 1,4-Dichlorobenzene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 3,3'-Dichlorobenzidine | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4-Dichlorophenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Diethyl phthalate | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| Dimethyl phthalate | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4-Dimethylphenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Di-n-butyl phthalate | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4,6-Dinitro-2-methylphenol | ND | 0.41 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4-Dinitrophenol | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4-Dinitrotoluene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,6-Dinitrotoluene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Di-n-octyl phthalate | ND | 1.0 | | mg/Kg-dry | 1 | 10/24/2023 |
| Fluoranthene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |

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E - Value above quantitation range
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**Date Reported:** November 07, 2023
**Date Printed:** November 07, 2023

# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-005

**Customer Sample ID:** Oak-B05 (4-6)
**Collection Date:** 10/20/2023 10:54:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC/MS** *IEPA ELAP 100445* | **SW8270C (SW3550B)** | | | Prep Date: **10/23/2023** | Analyst: **TEM** | |
| Fluorene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Hexachlorobenzene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Hexachlorobutadiene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Hexachlorocyclopentadiene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Hexachloroethane | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Indeno(1,2,3-cd)pyrene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Isophorone | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Methylnaphthalene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Methylphenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Methylphenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Naphthalene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Nitroaniline | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 3-Nitroaniline | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Nitroaniline | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Nitrobenzene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2-Nitrophenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 4-Nitrophenol | ND | 0.41 | | mg/Kg-dry | 1 | 10/24/2023 |
| N-Nitrosodimethylamine | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| N-Nitrosodi-n-propylamine | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| N-Nitrosodiphenylamine | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Pentachlorophenol | ND | 0.084 | | mg/Kg-dry | 1 | 10/24/2023 |
| Phenanthrene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Phenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| Pyrene | ND | 0.041 | | mg/Kg-dry | 1 | 10/24/2023 |
| Pyridine | ND | 0.84 | | mg/Kg-dry | 1 | 10/24/2023 |
| 1,2,4-Trichlorobenzene | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4,5-Trichlorophenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| 2,4,6-Trichlorophenol | ND | 0.21 | | mg/Kg-dry | 1 | 10/24/2023 |
| **Metals by ICP/MS** *IEPA ELAP 100445* | **SW6020A (SW3050B)** | | | Prep Date: **10/25/2023** | Analyst: **MMR** | |
| Arsenic | 7.9 | 1.1 | | mg/Kg-dry | 10 | 10/25/2023 |
| Barium | 190 | 1.1 | | mg/Kg-dry | 10 | 10/25/2023 |
| Cadmium | ND | 0.53 | | mg/Kg-dry | 10 | 10/25/2023 |
| Chromium | 21 | 1.1 | | mg/Kg-dry | 10 | 10/25/2023 |
| Lead | 16 | 0.53 | | mg/Kg-dry | 10 | 10/25/2023 |
| Selenium | ND | 1.1 | | mg/Kg-dry | 10 | 10/25/2023 |
| Silver | ND | 1.1 | | mg/Kg-dry | 10 | 10/25/2023 |
| **Mercury** *IEPA ELAP 100445* | **SW7471B** | | | Prep Date: **10/23/2023** | Analyst: **SH** | |

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**Date Reported:** November 07, 2023
**Date Printed:** November 07, 2023

# Analytical Results

**Customer:** V3 Companies of Illinois
**Work Order:** 23100663 Revision 1
**Project:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL.
**Lab ID:** 23100663-005

**Customer Sample ID:** Oak-B05 (4-6)
**Collection Date:** 10/20/2023 10:54:00 AM
**Matrix:** Soil

| Analyses | Result | RL | Qualifier | Units | DF | Date Analyzed |
|---|---|---|---|---|---|---|
| **Mercury** | **SW7471B** | | | Prep Date: **10/23/2023** | | Analyst: **SH** |
| Mercury | 0.044 | 0.023 | | mg/Kg-dry | 1 | 10/23/2023 |
| **pH (25 °C)** | **SW9045C** | | | Prep Date: **10/23/2023** | | Analyst: **LJ1** |
| *IEPA ELAP 100445* | | | | | | |
| pH | 8.21 | | | pH Units | 1 | 10/23/2023 |
| **Percent Moisture** | **D2974** | | | Prep Date: **10/24/2023** | | Analyst: **EH1** |
| Percent Moisture | 20.6 | 0.2 | * | wt% | 1 | 10/25/2023 |

**Qualifiers:**

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HT - Sample received past holding time
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509 N. 3rd Ave., Des Plaines, IL 60016 Phone: (800) 246-0663
info@thesterlinglab.com

# CHAIN OF CUSTODY RECORD

№ 100086 Page: 1 of 1

Company: V3
Project Number: 230652 Client Tracking No.:
Project Name: Crest Hill - Oakland Ave
Project Location: Crest Hill, IL
Sampler(s): JAK
Report To: JK, JS Phone:
Fax:
QC Level: 1 ___ 2 ___ 3 ___ 4 ___ e-mail:

P.O. No.:
Quote No.:
Turn Around Time (Days): 1 2 3 4 (5) 7 10
Results Needed: / / am/pm

| Client Sample Number/Description: | Date Taken | Time Taken | Matrix | Comp. | Grab | Preserv. | No. of Containers | VOCs | SVOCs | RCRA 8 | pH | PNAs | Remarks | Lab No.: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OAK-B01 (6-8) | 10/20/23 | 8:40 | S | | | | 1 | X | X | X | X | | | 001 |
| OAK-B02 (5-7) | 10/20/23 | 9:18 | S | | | | 1 | | | | X | | | 002 |
| OAK-B03 (8-10) | 10/20/23 | 9:48 | S | | | | 1 | | | | X | | | 003 |
| OAK-B04 (3-5) | 10/20/23 | 10:28 | S | | | | 1 | X | | X | X | X | | 004 |
| OAK-B05 (4-6) | 10/20/23 | 10:54 | S | | | | 1 | X | X | X | X | | | 005 |

Relinquished by: (Signature) Date/Time: 10/20/23 14:22
Received by: (Signature) Date/Time: 10-20-2023 14:22
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments:

Preservation Code: A = None B = $HNO_3$ C = NaOH
D = $H_2SO_4$ E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 23100663

Received on Ice: Yes ✓ No
Temperature: On Ice °C

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# Sample Receipt Checklist

Customer: V3

Date and Time Received: 10/20/2023 2:22:00 PM

Work Order Number 23100663

Received by: JMH

Checklist completed by: _____ 10-20-2023 (Signature / Date)

Reviewed by: _____ 10/23/2023 (Initials / Date)

Matrix:

Carrier name: Client Delivered

| | | | |
|---|---|---|---|
| Shipping container/cooler in good condition? | Yes ☑ | No ☐ | Not Present ☐ |
| Custody seals intact on shipping container/cooler? | Yes ☐ | No ☐ | Not Present ☑ |
| Custody seals intact on sample bottles? | Yes ☐ | No ☐ | Not Present ☑ |
| Chain of custody present? | Yes ☑ | No ☐ | |
| Chain of custody signed when relinquished and received? | Yes ☑ | No ☐ | |
| Chain of custody agrees with sample labels/containers? | Yes ☑ | No ☐ | |
| Samples in proper container/bottle? | Yes ☑ | No ☐ | |
| Sample containers intact? | Yes ☑ | No ☐ | |
| Sufficient sample volume for indicated test? | Yes ☑ | No ☐ | |
| All samples received within holding time? | Yes ☑ | No ☐ | |
| Container or Temp Blank temperature in compliance? | Yes ☑ | No ☐ | Temperature On Ice °C |
| Water - VOA vials have zero headspace? | No VOA vials submitted ☐ | Yes ☐ | No ☐ |
| Water - Samples pH checked? | Yes ☐ | No ☐ | Checked by: _____ |
| Water - Samples properly preserved? | Yes ☐ | No ☐ | pH Adjusted? _____ |

Any No response must be detailed in the comments section below.

Comments: _____

Customer / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

## RE: 230652, Crest Hills - Oakland Ave., Crest Hill, IL. STAT 23100663

Jon Shuptar <jshuptar@v3co.com>
Mon 10/30/2023 12:45 PM
To:Justice Kwateng <jkwateng@TheSterlingLab.com>;Julia Kasner <jkasner@v3co.com>

Justice,

Please analyze sample:

23100663-004
10/20/2023
**Oak-B04 (3-5)**
mg/kg

For SPLP Chromium.

Thank you!

**Jonathan D Shuptar, P.G.** | Geologist
**V3 Companies** | 7325 Janes Avenue | Woodridge, IL 60517
**C** 517.420.8481 | **E** jshuptar@v3co.com

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---

**From:** Justice Kwateng <jkwateng@TheSterlingLab.com>
**Sent:** Monday, October 30, 2023 12:41 PM
**To:** Jon Shuptar <jshuptar@v3co.com>; Julia Kasner <jkasner@v3co.com>
**Subject:** 230652, Crest Hills - Oakland Ave., Crest Hill, IL. STAT 23100663

*** CAUTION! EXTERNAL SENDER *** STOP. ASSESS. VERIFY!! ***: Were you expecting this email? Is the grammar and spelling correct? Does the content make sense? Can you verify the sender? If suspicious, report this email to Help Desk. Do not click links. Do not open attachments. Do not enter your username or password.

Please find the attached report for your 230652, Crest Hills - Oakland Ave., Crest Hill, IL. project.

Work Order 23100663

Thank you for choosing Sterling Labs for your testing needs.

In an effort to increase efficiency and conserve resources, Sterling Labs has adopted paperless reporting. The attached pdf files can be printed as the final copy. You will not receive a hardcopy in the mail.

**Crest Hill - Oakland Ave**
1811 Oakland Ave
Crest Hill, IL 60403

Inquiry Number: 7469530.2s
October 13, 2023

# The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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## GEOCHECK ADDENDUM

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***Thank you for your business.***
Please contact EDR at 1-800-352-0050
with any questions or comments.


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# EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

## TARGET PROPERTY INFORMATION

### ADDRESS

1811 OAKLAND AVE
CREST HILL, IL 60403

### COORDINATES

| | |
|---|---|
| Latitude (North): | 41.5566640 - 41° 33' 23.99" |
| Longitude (West): | 88.0983260 - 88° 5' 53.97" |
| Universal Tranverse Mercator: | Zone 16 |
| UTM X (Meters): | 408407.4 |
| UTM Y (Meters): | 4600924.5 |
| Elevation: | 640 ft. above sea level |

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

| | |
|---|---|
| Target Property Map: | 10705952 JOLIET, IL |
| Version Date: | 2018 |
| West Map: | 10705988 PLAINFIELD, IL |
| Version Date: | 2018 |

## AERIAL PHOTOGRAPHY IN THIS REPORT

| | |
|---|---|
| Portions of Photo from: | 20190914, 20190809 |
| Source: | USDA |

## MAPPED SITES SUMMARY

Target Property Address:
1811 OAKLAND AVE
CREST HILL, IL 60403

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| A1 | K&D SERVICE CENTER | 650 THEODORE STREET | IL UST | Higher | 28, 0.005, South |
| A2 | ZDRALEVICH FAMILY PA | 650 THEODORE ST. | IL LUST, IL AIRS, IL BOL | Higher | 28, 0.005, South |
| A3 | K AND D SVC DBA JMS | 650 THEODORE ST | RCRA-VSQG, FINDS, ECHO | Higher | 28, 0.005, South |
| B4 | CLARK RETAIL ENTERPR | 1522 CLEMENT ST | EDR Hist Auto | Higher | 373, 0.071, SSE |
| B5 | CLARK OIL & REFINING | 1522 CLEMENT ST | IL LUST, IL LUST TRUST, IL SPILLS, IL BOL | Higher | 373, 0.071, SSE |
| B6 | 1522 JOLIET BP, LLC | 1522 CLEMENT STREET | IL UST | Higher | 373, 0.071, SSE |
| 7 | CHIGNOLI AUTO SALES | 700 THEODORE | RCRA NonGen / NLR | Higher | 382, 0.072, SSW |
| C8 | CREST HILL CITY OF | 2101 OAKLAND AVE ROW | IL LUST, IL BOL | Lower | 423, 0.080, NNW |
| C9 | CREST HILL PUBLIC WO | 2101 OAKLAND AVENUE | IL UST | Lower | 423, 0.080, NNW |
| 10 | SUNSET ENTERPRISES D | 532 PASADENA | RCRA-VSQG, FINDS, ECHO | Lower | 512, 0.097, NNE |
| 11 | CHEM DRY BY DEAN | 1614 KELLY AVE | EDR Hist Cleaner | Higher | 567, 0.107, SSW |
| D12 | J M PRINTERS INC | 510 PASADENA | IL UST | Lower | 817, 0.155, NNE |
| D13 | J M PRINTERS INC | 510 PASADENA ST | RCRA-VSQG | Lower | 833, 0.158, NNE |
| E14 | KOWALSKI, ED | 1526 NORTH RAYNOR | IL LUST | Higher | 927, 0.176, SSW |
| E15 | FACILITY 2017569 | 1526 N RAYNOR AVE | IL UST | Higher | 927, 0.176, SSW |
| 16 | AUTO COLLISION EXPER | 2041 N RAYNOR AVE | RCRA-VSQG, FINDS, ECHO, WI MANIFEST | Lower | 928, 0.176, NNW |
| D17 | JOLIET PATTERN WORKS | | PFAS ECHO | Lower | 969, 0.184, NNE |
| D18 | JOLIET PATTERN WORKS | 508 PASADENA AVE | RCRA-SQG, US AIRS, FINDS, ECHO | Lower | 1006, 0.191, NNE |
| 19 | MAYOR AND COUNCIL | | IL IMPDMENT | Lower | 1486, 0.281, WNW |
| 20 | DOW CHEMICAL | 2050 N BROADWAY | SEMS, CORRACTS, RCRA-VSQG, US INST CONTROLS, FINDS | Lower | 2706, 0.512, ENE |
| 21 | DOW CHEMICAL | 2050 NORTH BROADWAY | IL SSU, IL SRP | Lower | 2710, 0.513, NE |
| 22 | BLUESTONE SPECIALTY | 10 INDUSTRY AVE | SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-VSQG, US | Lower | 4257, 0.806, ESE |
| 23 | CROSFIELD COMPANY | 101 INGALLS AVENUE | EDR MGP | Lower | 4588, 0.869, SE |
| F24 | TOYAL AMERICA, INC. | 17401 SOUTH BROADWAY | EDR MGP | Lower | 4876, 0.923, NE |
| F25 | TOYAL AMERICA INC | 17401 S BROADWAY | SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG, 2020 | Lower | 4876, 0.923, NE |

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### *Lists of Federal NPL (Superfund) sites*

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

### *Lists of Federal Delisted NPL sites*

Delisted NPL ---------- National Priority List Deletions

### *Lists of Federal sites subject to CERCLA removals and CERCLA orders*

FEDERAL FACILITY ---------- Federal Facility Site Information listing

### *Federal institutional controls / engineering controls registries*

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List

### *Federal ERNS list*

ERNS ---------- Emergency Response Notification System

### *Lists of state and tribal landfills and solid waste disposal facilities*

IL SWF/LF ---------- Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge
IL CCDD ---------- Clean Construction or Demolition Debris
IL LF SPECIAL WASTE ---------- Special Waste Site List
IL NIPC ---------- Solid Waste Landfill Inventory

### *Lists of state and tribal leaking storage tanks*

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

### *Lists of state and tribal registered storage tanks*

FEMA UST ---------- Underground Storage Tank Listing

IL AST ..... Above Ground Storage Tanks
INDIAN UST ..... Underground Storage Tanks on Indian Land

***State and tribal institutional control / engineering control registries***

IL ENG CONTROLS ..... Sites with Engineering Controls
IL INST CONTROL ..... Institutional Controls

***Lists of state and tribal voluntary cleanup sites***

INDIAN VCP ..... Voluntary Cleanup Priority Listing

***Lists of state and tribal brownfield sites***

IL BROWNFIELDS ..... Municipal Brownfields Redevelopment Grant Program Project Descriptions

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

US BROWNFIELDS ..... A Listing of Brownfields Sites

***Local Lists of Landfill / Solid Waste Disposal Sites***

INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ..... Open Dumps on Indian Land

***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL ..... Delisted National Clandestine Laboratory Register
IL CDL ..... Meth Drug Lab Site Listing
US CDL ..... National Clandestine Laboratory Register

***Local Land Records***

LIENS 2 ..... CERCLA Lien Information

***Records of Emergency Release Reports***

HMIRS ..... Hazardous Materials Information Reporting System
IL SPILLS 90 ..... SPILLS 90 data from FirstSearch

***Other Ascertainable Records***

FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
EPA WATCH LIST ..... EPA WATCH LIST
TSCA ..... Toxic Substances Control Act
ROD ..... Records Of Decision
RMP ..... Risk Management Plans
RAATS ..... RCRA Administrative Action Tracking System

# EXECUTIVE SUMMARY

| | |
|---|---|
| PRP | Potentially Responsible Parties |
| PADS | PCB Activity Database System |
| FTTS | FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) |
| MLTS | Material Licensing Tracking System |
| COAL ASH DOE | Steam-Electric Plant Operation Data |
| COAL ASH EPA | Coal Combustion Residues Surface Impoundments List |
| PCB TRANSFORMER | PCB Transformer Registration Database |
| RADINFO | Radiation Information Database |
| HIST FTTS | FIFRA/TSCA Tracking System Administrative Case Listing |
| DOT OPS | Incident and Accident Data |
| CONSENT | Superfund (CERCLA) Consent Decrees |
| INDIAN RESERV | Indian Reservations |
| FUSRAP | Formerly Utilized Sites Remedial Action Program |
| UMTRA | Uranium Mill Tailings Sites |
| LEAD SMELTERS | Lead Smelter Sites |
| US MINES | Mines Master Index File |
| MINES MRDS | Mineral Resources Data System |
| ABANDONED MINES | Abandoned Mines |
| UXO | Unexploded Ordnance Sites |
| DOCKET HWC | Hazardous Waste Compliance Docket Listing |
| FUELS PROGRAM | EPA Fuels Program Registered Listing |
| PFAS NPL | Superfund Sites with PFAS Detections Information |
| PFAS FEDERAL SITES | Federal Sites PFAS Information |
| PFAS TRIS | List of PFAS Added to the TRI |
| PFAS TSCA | PFAS Manufacture and Imports Information |
| PFAS RCRA MANIFEST | PFAS Transfers Identified In the RCRA Database Listing |
| PFAS ATSDR | PFAS Contamination Site Location Listing |
| PFAS WQP | Ambient Environmental Sampling for PFAS |
| PFAS NPDES | Clean Water Act Discharge Monitoring Information |
| PFAS ECHO FIRE TRAINING | Facilities in Industries that May Be Handling PFAS Listing |
| PFAS PART 139 AIRPORT | All Certified Part 139 Airports PFAS Information Listing |
| AQUEOUS FOAM NRC | Aqueous Foam Related Incidents Listing |
| BIOSOLIDS | ICIS-NPDES Biosolids Facility Data |
| IL PFAS | PFAS Sampling Listing |
| IL ASBESTOS | Asbestos Notification Tracker Information |
| IL COAL ASH | Coal Ash Site Listing |
| IL DRYCLEANERS | Illinois Licensed Drycleaners |
| IL Financial Assurance | Financial Assurance Information Listing |
| IL HWAR | Hazard Waste Annual Report |
| IL NPDES | A Listing of Active Permits |
| IL PIMW | Potentially Infectious Medical Waste |
| IL TIER 2 | Tier 2 Information Listing |
| IL UIC | Underground Injection Wells |

**EDR RECOVERED GOVERNMENT ARCHIVES**

***Exclusive Recovered Govt. Archives***

| | |
|---|---|
| IL RGA HWS | Recovered Government Archive State Hazardous Waste Facilities List |
| IL RGA LF | Recovered Government Archive Solid Waste Facilities List |
| IL RGA LUST | Recovered Government Archive Leaking Underground Storage Tank |

**SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

# EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

**STANDARD ENVIRONMENTAL RECORDS**

***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 07/24/2023 has revealed that there are 3 CORRACTS sites within approximately 1 mile of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DOW CHEMICAL***<br>EPA ID:: ILD043912922 | ***2050 N BROADWAY*** | ***ENE 1/2 - 1 (0.512 mi.)*** | ***20*** | ***49*** |
| ***BLUESTONE SPECIALTY***<br>EPA ID:: ILD062480850 | ***10 INDUSTRY AVE*** | ***ESE 1/2 - 1 (0.806 mi.)*** | ***22*** | ***60*** |
| ***TOYAL AMERICA INC***<br>EPA ID:: ILD000716860 | ***17401 S BROADWAY*** | ***NE 1/2 - 1 (0.923 mi.)*** | ***F25*** | ***245*** |

***Lists of Federal RCRA generators***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 07/24/2023 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***JOLIET PATTERN WORKS***<br>EPA ID:: ILD005471669 | ***508 PASADENA AVE*** | ***NNE 1/8 - 1/4 (0.191 mi.)*** | ***D18*** | ***43*** |

# EXECUTIVE SUMMARY

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 07/24/2023 has revealed that there are 4 RCRA-VSQG sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***K AND D SVC DBA JMS*** EPA ID:: ILD984822742 | ***650 THEODORE ST*** | ***S 0 - 1/8 (0.005 mi.)*** | ***A3*** | ***12*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***SUNSET ENTERPRISES D*** EPA ID:: ILD984907295 | ***532 PASADENA*** | ***NNE 0 - 1/8 (0.097 mi.)*** | ***10*** | ***27*** |
| J M PRINTERS INC EPA ID:: IL0000875633 | 510 PASADENA ST | NNE 1/8 - 1/4 (0.158 mi.) | D13 | 31 |
| ***AUTO COLLISION EXPER*** EPA ID:: IL0000079731 | ***2041 N RAYNOR AVE*** | ***NNW 1/8 - 1/4 (0.176 mi.)*** | ***16*** | ***36*** |

***Lists of state- and tribal hazardous waste facilities***

IL SSU: The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

A review of the IL SSU list, as provided by EDR, and dated 03/23/2022 has revealed that there is 1 IL SSU site within approximately 1 mile of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DOW CHEMICAL*** SSU Status: Transferred Facility Id: 1970455016 Facility Id: 1970455016 | ***2050 NORTH BROADWAY*** | ***NE 1/2 - 1 (0.513 mi.)*** | ***21*** | ***60*** |

***Lists of state and tribal leaking storage tanks***

IL LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the IL LUST list, as provided by EDR, and dated 07/17/2023 has revealed that there are 4 IL LUST sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***ZDRALEVICH FAMILY PA*** | ***650 THEODORE ST.*** | ***S 0 - 1/8 (0.005 mi.)*** | ***A2*** | ***10*** |

NFA/NFR Letter: 2003-09-03
Incident Num: 20001382
IL EPA Id: 1970250008

| | | | | |
|---|---|---|---|---|
| ***CLARK OIL & REFINING***<br>NFA/NFR Letter: 2019-03-05<br>NFA/NFR Letter: 2022-12-05<br>Incident Num: 20150536<br>Incident Num: 990635<br>IL EPA Id: 1970455144 | ***1522 CLEMENT ST*** | ***SSE 0 - 1/8 (0.071 mi.)*** | ***B5*** | ***15*** |
| KOWALSKI, ED<br>Incident Num: 913736<br>IL EPA Id: 1970455236 | 1526 NORTH RAYNOR | SSW 1/8 - 1/4 (0.176 mi.) | E14 | 33 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***CREST HILL CITY OF***<br>Incident Num: 20191228<br>IL EPA Id: 1970255079 | ***2101 OAKLAND AVE ROW*** | ***NNW 0 - 1/8 (0.080 mi.)*** | ***C8*** | ***26*** |

IL LUST TRUST: In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

A review of the IL LUST TRUST list, as provided by EDR, and dated 06/06/2016 has revealed that there is 1 IL LUST TRUST site within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***CLARK OIL & REFINING***<br>Incident Number: 20150536-66471 | ***1522 CLEMENT ST*** | ***SSE 0 - 1/8 (0.071 mi.)*** | ***B5*** | ***15*** |

***Lists of state and tribal registered storage tanks***

IL UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Illinois State Fire Marshal's STC Facility List.

A review of the IL UST list, as provided by EDR, and dated 07/17/2023 has revealed that there are 5 IL UST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| K&D SERVICE CENTER<br>Facility Id: 2022370<br>Tank Status: Removed<br>Status: CLOSED | 650 THEODORE STREET | S 0 - 1/8 (0.005 mi.) | A1 | 8 |
| 1522 JOLIET BP, LLC<br>Facility Id: 2010060<br>Tank Status: Removed | 1522 CLEMENT STREET | SSE 0 - 1/8 (0.071 mi.) | B6 | 20 |

| | | | | |
|---|---|---|---|---|
| Tank Status: Currently in use<br>Status: ACTIVE | | | | |
| FACILITY 2017569<br>Facility Id: 2017569<br>Tank Status: Removed<br>Status: CLOSED | 1526 N RAYNOR AVE | SSW 1/8 - 1/4 (0.176 mi.) | E15 | 34 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| CREST HILL PUBLIC WO<br>Facility Id: 2046958<br>Tank Status: Removed<br>Status: EXEMPT | 2101 OAKLAND AVENUE | NNW 0 - 1/8 (0.080 mi.) | C9 | 27 |
| J M PRINTERS INC<br>Facility Id: 2033372<br>Tank Status: Removed<br>Status: CLOSED | 510 PASADENA | NNE 1/8 - 1/4 (0.155 mi.) | D12 | 31 |

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Other Ascertainable Records***

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 07/24/2023 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| CHIGNOLI AUTO SALES<br>EPA ID:: ILD982634156 | 700 THEODORE | SSW 0 - 1/8 (0.072 mi.) | 7 | 23 |

PFAS ECHO: Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

A review of the PFAS ECHO list, as provided by EDR, and dated 07/05/2023 has revealed that there is 1 PFAS ECHO site within approximately 0.25 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| JOLIET PATTERN WORKS | | NNE 1/8 - 1/4 (0.184 mi.) | D17 | 41 |

IL IMPDMENT: Statewide inventory of industrial, municipal, mining, oil & gas , and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potentail for contamination of shallow aquifers. This was a one-time study.Although many of the impoundments may no longer be present, the sites may be contaminated.

A review of the IL IMPDMENT list, as provided by EDR, and dated 12/31/1980 has revealed that there is 1 IL IMPDMENT site within approximately 0.5 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| MAYOR AND COUNCIL | | WNW 1/4 - 1/2 (0.281 mi.) | 19 | 48 |

WI MANIFEST: Hazardous waste manifest information.

A review of the WI MANIFEST list, as provided by EDR, and dated 05/31/2018 has revealed that there is 1 WI MANIFEST site within approximately 0.25 miles of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***AUTO COLLISION EXPER*** | ***2041 N RAYNOR AVE*** | ***NNW 1/8 - 1/4 (0.176 mi.)*** | ***16*** | ***36*** |
| ACT Status: A<br>FID: 0<br>EPA ID: IL0000079731 | | | | |

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within approximately 1 mile of the target property.

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| CROSFIELD COMPANY | 101 INGALLS AVENUE | SE 1/2 - 1 (0.869 mi.) | 23 | 245 |
| TOYAL AMERICA, INC. | 17401 SOUTH BROADWAY | NE 1/2 - 1 (0.923 mi.) | F24 | 245 |

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk

Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| CLARK RETAIL ENTERPR | 1522 CLEMENT ST | SSE 0 - 1/8 (0.071 mi.) | B4 | 14 |

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

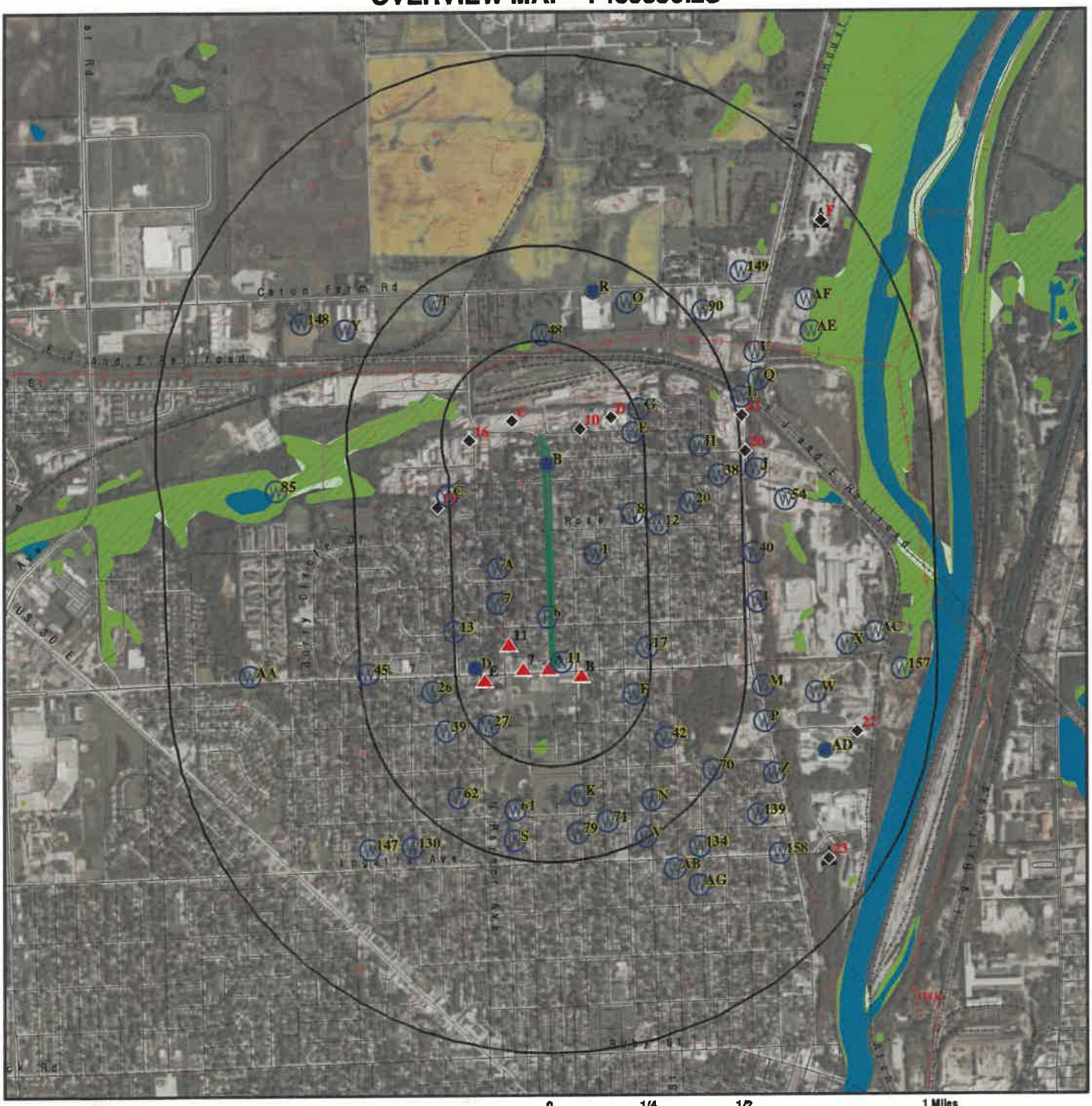
| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| CHEM DRY BY DEAN | 1614 KELLY AVE | SSW 0 - 1/8 (0.107 mi.) | 11 | 30 |

# EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

| Site Name | Database(s) |
|---|---|
| FAIRFAX SUBDIVISION | IL SSU |
| JOLIET PARK DIST. | IL LUST |

# OVERVIEW MAP - 7469530.2S




- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | |
|---|---|
| SITE NAME: Crest Hill - Oakland Ave | CLIENT: V3 Companies of IL, LTD |
| ADDRESS: 1811 Oakland Ave<br>Crest Hill IL 60403 | CONTACT: Jonathan D Shuptar |
| LAT/LONG: 41.556664 / 88.098326 | INQUIRY #: 7469530.2s<br>DATE: October 13, 2023 4:32 pm |

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# DETAIL MAP - 7469530.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/8 1/4 1/2 Miles

- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

| | |
|---|---|
| SITE NAME: Crest Hill - Oakland Ave<br>ADDRESS: 1811 Oakland Ave<br>Crest Hill IL 60403<br>LAT/LONG: 41.556664 / 88.098326 | CLIENT: V3 Companies of IL, LTD<br>CONTACT: Jonathan D Shuptar<br>INQUIRY #: 7469530.2s<br>DATE: October 13, 2023 4:33 pm |

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# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| **STANDARD ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Lists of Federal NPL (Superfund) sites*** | | | | | | | | |
| NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Proposed NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| NPL LIENS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal Delisted NPL sites*** | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal sites subject to CERCLA removals and CERCLA orders*** | | | | | | | | |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SEMS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal CERCLA sites with NFRAP*** | | | | | | | | |
| SEMS-ARCHIVE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal RCRA facilities undergoing Corrective Action*** | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 3 | NR | 3 |
| ***Lists of Federal RCRA TSD facilities*** | | | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal RCRA generators*** | | | | | | | | |
| RCRA-LQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| RCRA-SQG | 0.250 | | 0 | 1 | NR | NR | NR | 1 |
| RCRA-VSQG | 0.250 | | 2 | 2 | NR | NR | NR | 4 |
| ***Federal institutional controls / engineering controls registries*** | | | | | | | | |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US INST CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal ERNS list*** | | | | | | | | |
| ERNS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Lists of state- and tribal hazardous waste facilities*** | | | | | | | | |
| IL SSU | 1.000 | | 0 | 0 | 0 | 1 | NR | 1 |
| ***Lists of state and tribal landfills and solid waste disposal facilities*** | | | | | | | | |
| IL SWF/LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IL CCDD | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IL LF SPECIAL WASTE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IL NIPC | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| ***Lists of state and tribal leaking storage tanks*** | | | | | | | | |
| IL LUST | 0.500 | | 3 | 1 | 0 | NR | NR | 4 |
| INDIAN LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IL LUST TRUST | 0.500 | | 1 | 0 | 0 | NR | NR | 1 |
| ***Lists of state and tribal registered storage tanks*** | | | | | | | | |
| FEMA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| IL UST | 0.250 | | 3 | 2 | NR | NR | NR | 5 |
| IL AST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***State and tribal institutional control / engineering control registries*** | | | | | | | | |
| IL ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IL INST CONTROL | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of state and tribal voluntary cleanup sites*** | | | | | | | | |
| IL SRP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of state and tribal brownfield sites*** | | | | | | | | |
| IL BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| **ADDITIONAL ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Local Brownfield lists*** | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Landfill / Solid Waste Disposal Sites*** | | | | | | | | |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IHS OPEN DUMPS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Hazardous waste / Contaminated Sites*** | | | | | | | | |
| US HIST CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Local Land Records*** | | | | | | | | |
| LIENS 2 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Records of Emergency Release Reports*** | | | | | | | | |
| HMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL SPILLS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL SPILLS 90 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Other Ascertainable Records*** | | | | | | | | |
| RCRA NonGen / NLR | 0.250 | | 1 | 0 | NR | NR | NR | 1 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| FUDS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US FIN ASSUR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TSCA | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| TRIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SSTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ROD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| RMP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RAATS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PRP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PADS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ICIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MLTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH DOE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| PCB TRANSFORMER | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RADINFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOT OPS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CONSENT | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| INDIAN RESERV | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUSRAP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LEAD SMELTERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US AIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MINES MRDS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ABANDONED MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| FINDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ECHO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UXO | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| DOCKET HWC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FUELS PROGRAM | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS NPL | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS FEDERAL SITES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS TRIS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS TSCA | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS RCRA MANIFEST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS ATSDR | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS WQP | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS NPDES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS ECHO | 0.250 | | 0 | 1 | NR | NR | NR | 1 |
| PFAS ECHO FIRE TRAINING | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS PART 139 AIRPORT | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| AQUEOUS FOAM NRC | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| BIOSOLIDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL PFAS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| IL AIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL ASBESTOS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL BOL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL COAL ASH | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IL DRYCLEANERS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| IL Financial Assurance | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL HWAR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL IMPDMENT | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| NY MANIFEST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| WI MANIFEST | 0.250 | | 0 | 1 | NR | NR | NR | 1 |
| IL NPDES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL PIMW | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| IL TIER 2 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL UIC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| **EDR HIGH RISK HISTORICAL RECORDS** | | | | | | | | |
| ***EDR Exclusive Records*** | | | | | | | | |
| EDR MGP | 1.000 | | 0 | 0 | 0 | 2 | NR | 2 |
| EDR Hist Auto | 0.125 | | 1 | NR | NR | NR | NR | 1 |
| EDR Hist Cleaner | 0.125 | | 1 | NR | NR | NR | NR | 1 |
| **EDR RECOVERED GOVERNMENT ARCHIVES** | | | | | | | | |
| ***Exclusive Recovered Govt. Archives*** | | | | | | | | |
| IL RGA HWS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL RGA LF | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IL RGA LUST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| - Totals -- | | 0 | 12 | 8 | 1 | 6 | 0 | 27 |

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

**A1**
**South**
**< 1/8**
**0.005 mi.**
**28 ft.**

**K&D SERVICE CENTER**
**650 THEODORE STREET**
**CREST HILL, IL 60435**

**Site 1 of 3 in cluster A**

**IL UST** **U003305058**
**N/A**

**Relative:**
**Higher**

**Actual:**
**649 ft.**

UST:

| | |
|---|---|
| Name: | K&D SERVICE CENTER |
| Address: | 650 THEODORE STREET |
| City: | CREST HILL |
| Zip: | 60435 |
| Facility ID: | 2022370 |
| Facility Status: | CLOSED |
| **Facility Type:** | **OTHER** |
| Owner Id: | U0016827 |
| Owner Name: | Zdralevich Family Partnership |
| Owner Address: | 604 Theodore Street |
| Owner City,St,Zip: | Crest Hill, IL 60435 |
| | |
| Tank Number: | 1 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 6000 |
| Tank Substance: | Gasoline |
| Last Used Date: | 10/1/2000 |
| OSFM First Notify Date: | 5/2/1986 |
| Red Tag Issue Date: | Not reported |
| Install Date: | 1/1/1962 |
| **Green Tag Decal:** | **21079** |
| **Green Tag Issue Date:** | **2/24/1999** |
| **Green Tag Expire Date:** | **12/31/2002** |
| Fee Due: | $0.00 |
| Motor Fuel Permit Inspection Date: | Not reported |
| Motor Fuel Permit Expiration Date: | Not reported |
| MOTOR FUEL TYPE: | Not reported |
| Pending Nov: | N |
| IEMA: | 00-1382 |
| Equipment Type: | Not reported |
| Equipment: | Not reported |
| Last Passing Date: | Not reported |
| Test Expire Date: | Not reported |
| Removed Date: | 10/25/2000 |
| Abandoned Date: | Not reported |
| | |
| Tank Number: | 2 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 6000 |
| Tank Substance: | Gasoline |
| Last Used Date: | 10/1/2000 |
| OSFM First Notify Date: | 5/2/1986 |
| Red Tag Issue Date: | Not reported |
| Install Date: | 1/1/1962 |
| **Green Tag Decal:** | **21079** |
| **Green Tag Issue Date:** | **2/24/1999** |
| **Green Tag Expire Date:** | **12/31/2002** |
| Fee Due: | $0.00 |
| Motor Fuel Permit Inspection Date: | Not reported |
| Motor Fuel Permit Expiration Date: | Not reported |
| MOTOR FUEL TYPE: | Not reported |

**K&D SERVICE CENTER (Continued)** **U003305058**

| | |
|---|---|
| Pending Nov: | N |
| IEMA: | Not reported |
| Equipment Type: | Not reported |
| Equipment: | Not reported |
| Last Passing Date: | Not reported |
| Test Expire Date: | Not reported |
| Removed Date: | 10/25/2000 |
| Abandoned Date: | Not reported |

| | |
|---|---|
| Tank Number: | 3 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 6000 |
| Tank Substance: | Gasoline |
| Last Used Date: | 10/1/2000 |
| OSFM First Notify Date: | 5/2/1986 |
| Red Tag Issue Date: | Not reported |
| Install Date: | 1/1/1962 |
| **Green Tag Decal:** | **21079** |
| **Green Tag Issue Date:** | **2/24/1999** |
| **Green Tag Expire Date:** | **12/31/2002** |
| Fee Due: | $0.00 |
| Motor Fuel Permit Inspection Date: | Not reported |
| Motor Fuel Permit Expiration Date: | Not reported |
| MOTOR FUEL TYPE: | Not reported |
| Pending Nov: | N |
| IEMA: | Not reported |
| Equipment Type: | Not reported |
| Equipment: | Not reported |
| Last Passing Date: | Not reported |
| Test Expire Date: | Not reported |
| Removed Date: | 10/25/2000 |
| Abandoned Date: | Not reported |

| | |
|---|---|
| Tank Number: | 4 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 500 |
| Tank Substance: | Used Oil |
| Last Used Date: | Not reported |
| OSFM First Notify Date: | 5/2/1986 |
| Red Tag Issue Date: | Not reported |
| Install Date: | 1/1/1962 |
| **Green Tag Decal:** | **21079** |
| **Green Tag Issue Date:** | **2/24/1999** |
| **Green Tag Expire Date:** | **12/31/2002** |
| Fee Due: | $0.00 |
| Motor Fuel Permit Inspection Date: | Not reported |
| Motor Fuel Permit Expiration Date: | Not reported |
| MOTOR FUEL TYPE: | Not reported |
| Pending Nov: | N |
| IEMA: | Not reported |
| Equipment Type: | Not reported |
| Equipment: | Not reported |
| Last Passing Date: | Not reported |
| Test Expire Date: | Not reported |
| Removed Date: | 11/1/1988 |

**K&D SERVICE CENTER (Continued)** **U003305058**

Abandoned Date: Not reported

---

**A2**
**South**
**< 1/8**
**0.005 mi.**
**28 ft.**

**ZDRALEVICH FAMILY PARTNERSHIP**
**650 THEODORE ST.**
**CREST HILL, IL 60435**

**IL LUST S107740155**
**IL AIRS N/A**
**IL BOL**

**Site 2 of 3 in cluster A**

**Relative:**
**Higher**

**Actual:**
**649 ft.**

LUST:

| | |
|---|---|
| Name: | ZDRALEVICH FAMILY PARTNERSHIP |
| Address: | 650 THEODORE ST. |
| City,State,Zip: | CREST HILL, IL 60435 |
| Incident Num: | 20001382 |
| IL EPA Id: | 1970250008 |
| Product: | Gasoline |
| IEMA Date: | 2000-07-21 |
| Project Manager: | Myers |
| Project Manager Phone: | Not reported |
| Email: | Not reported |
| PRP Name: | Zdralevich Family Partnership |
| PRP Contact: | Joe Zdralevich |
| PRP Address: | 604 Theodore St. |
| PRP City,St,Zip: | Crest Hill, IL 60435 |
| PRP Phone: | 8157239371 |
| Site Classification: | HIGH |
| Section 57.5(g) Letter: | 732 |
| Date Section 57.5(g) Letter: | Not reported |
| Non LUST Determination Letter: | Not reported |
| 20 Report Received: | 2000-08-21 |
| 45 Report Received: | 2001-01-26 |
| **No Further Remediation Letter:** | **2003-09-03** |
| No Further Remediation Date Recorded: | 2004-03-05 |
| Heating Oil Date: | Not reported |
| Non-Lust LR Date: | Not reported |

AIRS:

| | |
|---|---|
| Name: | BELLOM'S SERVICE |
| Address: | 650 THEODORE ST |
| City,State,Zip: | CREST HILL, IL |
| 2nd Address: | Not reported |
| Facility ID: | 10169 |
| Year: | Not reported |
| Contact Name: | Not reported |
| Contact Title: | Not reported |
| Contact Telephone: | Not reported |
| Contact Fax: | Not reported |
| Contact Ext: | Not reported |
| Contact Email: | Not reported |
| ID Number: | 197025AAL |
| Cease Operation Date: | 1/1/1901 |
| SIC Code: | 5541 |
| NAICS: | Not reported |
| Type Code: | LOC |
| Permit: | Not reported |
| Type: | Not reported |
| Status: | Not reported |
| Status Date: | Not reported |

**ZDRALEVICH FAMILY PARTNERSHIP (Continued)** **S107740155**

Expiration Date: Not reported
Latitude: Not reported
Longitude: Not reported

BOL:
Name: BELLOM'S SERVICE
Address: 650 THEODORE ST
City,State,Zip: CREST HILL, IL 60435
Site Id: 170000158380
Inv Num: 1970250008
Interest Name: F Dralevich Family Prtnrshp
Interest Type: BOL
Media Code: LAND
Latitude: 41.552250
Longitude: -88.098170

Name: BELLOM'S SERVICE
Address: 650 THEODORE ST
City,State,Zip: CREST HILL, IL 60435
Site Id: 170000158380
Inv Num: 1970250008
Interest Name: F Dralevich Family Prtnrshp
Interest Type: LUST
Media Code: LAND
Latitude: 41.552331
Longitude: -88.098260

Name: BELLOM'S SERVICE
Address: 650 THEODORE ST
City,State,Zip: CREST HILL, IL 60435
Site Id: 170000158380
Inv Num: 1970250008
Interest Name: F Dralevich Family Prtnrshp
Interest Type: RCRA
Media Code: LAND
Latitude: 41.552331
Longitude: -88.098260

Name: BELLOM'S SERVICE
Address: 650 THEODORE ST
City,State,Zip: CREST HILL, IL 60435
Site Id: 170000158380
Inv Num: 1970250008
Interest Name: F Dralevich Family Prtnrshp
Interest Type: SOLID WASTE
Media Code: LAND
Latitude: 41.552250
Longitude: -88.098170

**A3**
**South**
**< 1/8**
**0.005 mi.**
**28 ft.**

**K AND D SVC DBA JMS INC**
**650 THEODORE ST**
**CREST HILL, IL 60435**

**Site 3 of 3 in cluster A**

**RCRA-VSQG** **1004693414**
**FINDS** **ILD984822742**
**ECHO**

**Relative:**
**Higher**

**Actual:**
**649 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 19910429 |
| Handler Name: | K And D Svc Dba Jms Inc |
| Handler Address: | 650 THEODORE ST |
| Handler City,State,Zip: | CREST HILL, IL 60435 |
| EPA ID: | ILD984822742 |
| Contact Name: | DANIEL HASENJAEGER |
| Contact Address: | 650 THEODORE ST |
| Contact City,State,Zip: | CREST HILL, IL 60435 |
| Contact Telephone: | 815-722-1021 |
| Contact Fax: | Not reported |
| Contact Email: | Not reported |
| Contact Title: | Not reported |
| EPA Region: | 05 |
| Land Type: | Not reported |
| Federal Waste Generator Description: | Conditionally Exempt Small Quantity Generator |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | Not reported |
| Accessibility: | Not reported |
| Active Site Indicator: | Handler Activities |
| State District Owner: | Not reported |
| State District: | DESPLAINES |
| Mailing Address: | 650 THEODORE ST |
| Mailing City,State,Zip: | CREST HILL, IL 60435 |
| Owner Name: | Zdralevich Family Partnership |
| Owner Type: | Private |
| Operator Name: | Not reported |
| Operator Type: | Not reported |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | NN |
| Sub-Part K Indicator: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| 202 GPRA Corrective Action Baseline: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |

**K AND D SVC DBA JMS INC (Continued)** **1004693414**

| | |
|---|---|
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20000915 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Hazardous Waste Summary:

| | |
|---|---|
| Waste Code: | D001 |
| Waste Description: | Ignitable Waste |
| Waste Code: | D008 |
| Waste Description: | Lead |
| Waste Code: | D018 |
| Waste Description: | Benzene |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: | ZDRALEVICH FAMILY PARTNERSHIP |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | Not reported |
| Owner/Operator City,State,Zip: | Not reported |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 19910429 |
| Handler Name: K AND D SVC DBA JMS INC | |
| Federal Waste Generator Description: | Conditionally Exempt Small Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

**K AND D SVC DBA JMS INC (Continued)** **1004693414**

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110009378057

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1004693414 |
| Registry ID: | 110009378057 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110009378057 |
| Name: | K AND D SVC DBA JMS INC |
| Address: | 650 THEODORE ST |
| City,State,Zip: | CREST HILL, IL 60435 |

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**B4** **CLARK RETAIL ENTERPRISES INC** **EDR Hist Auto** **1022129754**
**SSE** **1522 CLEMENT ST** **N/A**
**< 1/8** **JOLIET, IL 60435**
**0.071 mi.**
**373 ft.** **Site 1 of 3 in cluster B**

**Relative:** EDR Hist Auto
**Higher**

**Actual:** **651 ft.**

| Year: | Name: | Type: |
|---|---|---|
| 1994 | CLARK OIL & REFINING CORP | Gasoline Service Stations |
| 1995 | CLARK REFINING & MARKETING | Gasoline Service Stations |
| 1996 | CLARK REFINING & MARKETING | Gasoline Service Stations |
| 1997 | CLARK REFINING & MARKETING | Gasoline Service Stations |
| 1998 | CLARK REFINING & MARKETING | Gasoline Service Stations |
| 1999 | CLARK REFINING & MARKETING | Gasoline Service Stations |
| 2000 | PREMCOR REFINING GROUP INC | Gasoline Service Stations |
| 2001 | CLARK RETAIL ENTERPRISES INC | Gasoline Service Stations |
| 2002 | CLARK RETAIL ENTERPRISES INC | Gasoline Service Stations |
| 2003 | CLARK RETAIL ENTERPRISES INC | Gasoline Service Stations |
| 2004 | CLARK RETAIL ENTERPRISES INC | Gasoline Service Stations |
| 2005 | CLARK RETAIL ENTERPRISES INC | Gasoline Service Stations |
| 2005 | LAJJA DESAI GAS & FOOD INC | Gasoline Service Stations |
| 2006 | CLARK RETAIL ENTERPRISES INC | Gasoline Service Stations |
| 2006 | LAJJA DESAI GAS & FOOD INC | Gasoline Service Stations |

**CLARK RETAIL ENTERPRISES INC (Continued)** **1022129754**

| | | |
|---|---|---|
| 2007 | LAJJA DESAI GAS & FOOD INC | Gasoline Service Stations |
| 2007 | CLARK BRANDS LLC | Gasoline Service Stations |
| 2008 | LAJJA DESAI GAS & FOOD INC | Gasoline Service Stations |
| 2010 | MICHELLE VARGO | Gasoline Service Stations |
| 2012 | MICHELLE VARGO | Gasoline Service Stations |
| 2013 | MICHELLE VARGO | Gasoline Service Stations |
| 2014 | MICHELLE VARGO | Gasoline Service Stations |

**B5** **CLARK OIL & REFINING** **IL LUST** **S111904085**
**SSE** **1522 CLEMENT ST** **IL LUST TRUST** **N/A**
**< 1/8** **JOLIET, IL 60435** **IL SPILLS**
**0.071 mi.** **IL BOL**
**373 ft.** **Site 2 of 3 in cluster B**

**Relative:**
**Higher**

**Actual:**
**651 ft.**

LUST:

| | |
|---|---|
| Name: | TAYYEB PROPERTIES, INC. |
| Address: | 1522 CLEMENT STREET |
| City,State,Zip: | JOLIET, IL 60435 |
| Incident Num: | 20150536 |
| IL EPA Id: | 1970455144 |
| Product: | Unleaded Gas |
| IEMA Date: | 2015-05-14 |
| Project Manager: | Dilbaitis |
| Project Manager Phone: | (217) 785-8378 |
| Email: | Bradley.Dilbaitis@illinois.gov |
| PRP Name: | Joliet Gas, Inc. |
| PRP Contact: | Mirza Baig |
| PRP Address: | 3139 Preakness Drive |
| PRP City,St,Zip: | Aurora, IL 60502 |
| PRP Phone: | (773) 317-8099 |
| Site Classification: | Not reported |
| Section 57.5(g) Letter: | 734 |
| Date Section 57.5(g) Letter: | Not reported |
| Non LUST Determination Letter: | Not reported |
| 20 Report Received: | 2015-06-18 |
| 45 Report Received: | 2015-07-13 |
| **No Further Remediation Letter:** | **2019-03-05** |
| No Further Remediation Date Recorded: | 2019-05-24 |
| Heating Oil Date: | Not reported |
| Non-Lust LR Date: | Not reported |

| | |
|---|---|
| Name: | CLARK REFINING & MARKETING |
| Address: | 1522 CLEMENT STREET |
| City,State,Zip: | JOLIET, IL 60435 |
| Incident Num: | 990635 |
| IL EPA Id: | 1970455144 |
| Product: | Gasoline |
| IEMA Date: | 1999-03-17 |
| Project Manager: | Dilbaitis |
| Project Manager Phone: | (217) 785-8378 |
| Email: | Bradley.Dilbaitis@illinois.gov |
| PRP Name: | Joliet Gas, Inc. |
| PRP Contact: | Moinuddin Ali Aqil Jaddi |
| PRP Address: | 3139 Preakness Drive |
| PRP City,St,Zip: | Aurora, IL 60502 |
| PRP Phone: | (773) 317-8099 |
| Site Classification: | Not reported |
| Section 57.5(g) Letter: | 734 |

**CLARK OIL & REFINING (Continued)** **S111904085**

Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: Not reported
45 Report Received: 1999-04-26
**No Further Remediation Letter: 2022-12-05**
No Further Remediation Date Recorded:2022-12-28
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

LUST TRUST:
**Facility Name:** **TAYYEB PROPERTIES, INC.**
**Queue Date:** **08/20/2015**
**Incident Number:** **20150536-66471**
**Amount To Be Paid:** **$107,962.50**
**Running Total:** **$10,513,909.41**
**Date Approved:** **10/30/2015**
**Pay Assignee:** **Not reported**

SPILLS:
Name: Not reported
City,State,Zip: JOLIET, IL
Incident ID: 20150536
Incident Date: 05/14/2015
Date Received: Not reported
Lust Ind: Yes
Facility Address: 1522 CLEMENT ST.,
Facility City: JOLIET
PRP Name: Tayyeb Properties Inc.
AC: Not reported
Source Table: dbo_tbl_CONSTRUCTION101

Name: Not reported
City,State,Zip: JOLIET, IL
Incident ID: 19990635
Incident Date: Not reported
Date Received: 1999-03-17 00:00:00
Lust Ind: Yes
Facility Address: 1522 CLEMENT ST
Facility City: JOLIET
PRP Name: CLARK REFINING & MARKETING INC
AC: Not reported
Source Table: dbo_OCIN_INCIDENTCUR

IEMA SPILLS:
Name: Not reported
Address: 1522 CLEMENT ST.
City,State,Zip: JOLIET, IL
Incident Number: H-2015-0536
Incident Report Date: 05/14/2015
Street Address Of Incident Location: 1522 Clement St.
Incident Location City: Joliet
Incident Location County: Will
Entered By: Watkins, Toni (IEMA)
Date Entered: Not reported
Data Input Status: Closed
Leaking Underground Storage Tank (Lust)?: No

**CLARK OIL & REFINING (Continued)** **S111904085**

| | |
|---|---|
| Caller: | Brian Morin |
| Caller Represents: | Marland Environmental |
| Hazmat Incident Type: | Leak or spill |
| Date/Time Occurred: | Not reported |
| Mile Post: | NA |
| Section: | NA |
| Township: | NA |
| Range: | NA |
| Area Involved: | Fixed Facility |
| Media/Medium Into Which Release Occurred: | Ground |
| Temp: | 65 |
| Wind: | unk |
| Material Name: | unleaded gasoline |
| Type: | Liquid |
| Chris Code: | unk |
| CAS#: | unk |
| UN/NA #: | unk |
| 302(A) Extremely Hazardous Substance?: | Unknown |
| Is This A RCRA Hazardous Waste?: | Unknown |
| Is This A RCRA Regulated Facility?: | Unknown |
| Container Type: | Under ground storage tank |
| Container Size: | 4-7,500 gal. |
| Amount Released: | unk |
| Rate Of Release/Min: | unk |
| Duration Of Release: | unk |
| Cause Of Release: | unk |
| Estimated Spill Extent: | unk |
| Spill Extent Units: | Not reported |
| Date/Time Incident Occurred: | Not reported |
| Check If Unknown (Occurrence): | v |
| Date/Time Discovered: | 2015-05-14 14:15 |
| Check If Unknown (Discovered): | Not reported |
| Where Taken: | NA |
| On Scene Contact: | Brian Morin |
| Public Health Risks/Precautions Taken: | none |
| Number Of People Evacuated: | none |
| Assistance Needed From State Agencies: | none |
| Containment/Cleanup Actions And Plans: | caller is hired contractor |
| Responsible Name: | Tayyeb Properties Inc. |
| Facility Manager: | Mirza Baig |
| Facility Manager Phone #: | 773/317-8099 |
| Street1: | 3139 Preakness Dr. |
| Contacted ESDA?: | Not reported |
| ESDA On Scene?: | Not reported |
| Specific ESDA Agency Contacted: | 0 |
| Contacted Fire Department?: | Not reported |
| Fire Department On Scene?: | Not reported |
| Name Of Fire Department Contacted: | 0 |
| Contacted Police Department?: | Not reported |
| Police Department On Scene?: | Not reported |
| Name Of Police Department Contacted: | 0 |
| Sheriff Police Department?: | Not reported |
| Sheriff Department On Scene?: | Not reported |
| Name Of Sheriff Department Contacted: | 0 |
| Was An Agency Other Than ESDA: | Not reported |
| Fire Police Or Sheriff Contacted?: | E-mailed |
| Was This Other Agency On Scene?: | Not reported |

**CLARK OIL & REFINING (Continued)** **S111904085**

| | |
|---|---|
| Name Of Other Agency Contacted: | 0 |
| Agency Notified Name: | IEPA, OSFM, NRTP, & IEMA Region #3 |
| Date/Time Agency Notified: | 2015-05-15 11:05 |
| Narrative: | 05/15/2015 10:58 (PBK) Blaine Kinsley called and requested that the report be e-mailed. |
| Follow Up: | Not reported |
| Name: | Not reported |
| Address: | 1522 CLEMENT ST. |
| City,State,Zip: | JOLIET, IL |
| Incident Number: | H-2015-0536 |
| Incident Report Date: | 05/14/2015 |
| Street Address Of Incident Location: | 1522 Clement St. |
| Incident Location City: | Joliet |
| Incident Location County: | Will |
| Entered By: | Watkins, Toni (IEMA) |
| Date Entered: | Not reported |
| Data Input Status: | Closed |
| Leaking Underground Storage Tank (Lust)?: | No |
| Caller: | Brian Morin |
| Caller Represents: | Marland Environmental |
| Hazmat Incident Type: | Leak or spill |
| Date/Time Occurred: | Not reported |
| Mile Post: | NA |
| Section: | NA |
| Township: | NA |
| Range: | NA |
| Area Involved: | Fixed Facility |
| Media/Medium Into Which Release Occurred: | Ground |
| Temp: | 65 |
| Wind: | unk |
| Material Name: | unleaded gasoline |
| Type: | Liquid |
| Chris Code: | unk |
| CAS#: | unk |
| UN/NA #: | unk |
| 302(A) Extremely Hazardous Substance?: | Unknown |
| Is This A RCRA Hazardous Waste?: | Unknown |
| Is This A RCRA Regulated Facility?: | Unknown |
| Container Type: | Under ground storage tank |
| Container Size: | 4-7,500 gal. |
| Amount Released: | unk |
| Rate Of Release/Min: | unk |
| Duration Of Release: | unk |
| Cause Of Release: | unk |
| Estimated Spill Extent: | unk |
| Spill Extent Units: | Not reported |
| Date/Time Incident Occurred: | Not reported |
| Check If Unknown (Occurrence): | v |
| Date/Time Discovered: | 2015-05-14 14:15 |
| Check If Unknown (Discovered): | Not reported |
| Where Taken: | NA |
| On Scene Contact: | Brian Morin |
| Public Health Risks/Precautions Taken: | none |
| Number Of People Evacuated: | none |
| Assistance Needed From State Agencies: | none |
| Containment/Cleanup Actions And Plans: | caller is hired contractor |

**CLARK OIL & REFINING (Continued)** **S111904085**

| | |
|---|---|
| Responsible Name: | Tayyeb Properties Inc. |
| Facility Manager: | Mirza Baig |
| Facility Manager Phone #: | 773/317-8099 |
| Street1: | 3139 Preakness Dr. |
| Contacted ESDA?: | Not reported |
| ESDA On Scene?: | Not reported |
| Specific ESDA Agency Contacted: | 0 |
| Contacted Fire Department?: | Not reported |
| Fire Department On Scene?: | Not reported |
| Name Of Fire Department Contacted: | 0 |
| Contacted Police Department?: | Not reported |
| Police Department On Scene?: | Not reported |
| Name Of Police Department Contacted: | 0 |
| Sheriff Police Department?: | Not reported |
| Sheriff Department On Scene?: | Not reported |
| Name Of Sheriff Department Contacted: | 0 |
| Was An Agency Other Than ESDA: | Not reported |
| Fire Police Or Sheriff Contacted?: | Not reported |
| Was This Other Agency On Scene?: | Not reported |
| Name Of Other Agency Contacted: | 0 |
| Agency Notified Name: | IEPA/Reg.3/NRTP/SFM |
| Date/Time Agency Notified: | 2015-05-14 16:33 |
| Narrative: | 05/15/2015 10:58 (PBK) Blaine Kinsley called and requested that the report be e-mailed. |
| Follow Up: | Not reported |

BOL:

| | |
|---|---|
| Name: | CLARK OIL & REFINING |
| Address: | 1522 CLEMENT ST |
| City,State,Zip: | JOLIET, IL 60435 |
| Site Id: | 170000805582 |
| Inv Num: | 1970455144 |
| Interest Name: | Clark Oil & Refining |
| Interest Type: | BOL |
| Media Code: | LAND |
| Latitude: | 41.552236 |
| Longitude: | -88.096573 |

| | |
|---|---|
| Name: | CLARK OIL & REFINING |
| Address: | 1522 CLEMENT ST |
| City,State,Zip: | JOLIET, IL 60435 |
| Site Id: | 170000805582 |
| Inv Num: | 1970455144 |
| Interest Name: | Clark Oil & Refining |
| Interest Type: | LUST |
| Media Code: | LAND |
| Latitude: | 41.552236 |
| Longitude: | -88.096573 |

| | |
|---|---|
| Name: | CLARK OIL & REFINING |
| Address: | 1522 CLEMENT ST |
| City,State,Zip: | JOLIET, IL 60435 |
| Site Id: | 170000805582 |
| Inv Num: | 1970455144 |
| Interest Name: | Clark Oil & Refining |
| Interest Type: | SOLID WASTE |
| Media Code: | LAND |

**CLARK OIL & REFINING (Continued)** **S111904085**

| | |
|---|---|
| Latitude: | 41.552236 |
| Longitude: | -88.096573 |
| Name: | CLARK OIL & REFINING |
| Address: | 1522 CLEMENT ST |
| City,State,Zip: | JOLIET, IL 60435 |
| Site Id: | 170000805582 |
| Inv Num: | 1970455144 |
| Interest Name: | Clark Refining & Marketing Inc |
| Interest Type: | OER |
| Media Code: | LAND |
| Latitude: | 41.551040 |
| Longitude: | -88.096820 |

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**B6** **1522 JOLIET BP, LLC** **IL UST** **U003304775**
**SSE** **1522 CLEMENT STREET** **N/A**
**< 1/8** **JOLIET, IL 60435**
**0.071 mi.**
**373 ft.** **Site 3 of 3 in cluster B**

**Relative:** UST:
**Higher**

| | |
|---|---|
| **Actual:** Name: | 1522 JOLIET BP, LLC |
| **651 ft.** Address: | 1522 CLEMENT STREET |
| City: | JOLIET |
| Zip: | 60435 |
| Facility ID: | 2010060 |
| Facility Status: | ACTIVE |
| **Facility Type:** | **ATTENDED SELF-SERVICE STATION** |
| Owner Id: | U0039929 |
| Owner Name: | Joliet Gas, Inc. |
| Owner Address: | 1522 Clement Street |
| Owner City,St,Zip: | Joliet, IL 60435 |
| Tank Number: | 1 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 7500 |
| Tank Substance: | Gasoline |
| Last Used Date: | 6/30/2012 |
| OSFM First Notify Date: | 5/2/1986 |
| Red Tag Issue Date: | Not reported |
| Install Date: | 1/1/1972 |
| **Green Tag Decal:** | **X000316** |
| **Green Tag Issue Date:** | **11/15/2022** |
| **Green Tag Expire Date:** | **12/31/2024** |
| Fee Due: | $0.00 |
| Motor Fuel Permit Inspection Date: | 11/15/2022 |
| Motor Fuel Permit Expiration Date: | 12/31/2024 |
| MOTOR FUEL TYPE: | SelfSrv |
| Pending Nov: | N |
| IEMA: | 15-0536 , 19990635 , 20150539 , 99-0635 |
| Equipment Type: | Corrosion Prot - Piping |
| Equipment: | Flexible Non-Corrosive |
| Last Passing Date: | N/A |
| Test Expire Date: | N/A |
| Removed Date: | 6/16/2015 |
| Abandoned Date: | Not reported |

**1522 JOLIET BP, LLC (Continued)** **U003304775**

| | |
|---|---|
| Tank Number: | 2 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 7500 |
| Tank Substance: | Gasoline |
| Last Used Date: | 6/30/2012 |
| OSFM First Notify Date: | 5/2/1986 |
| Red Tag Issue Date: | Not reported |
| Install Date: | 1/1/1972 |
| **Green Tag Decal:** | **X000316** |
| **Green Tag Issue Date:** | **11/15/2022** |
| **Green Tag Expire Date:** | **12/31/2024** |
| Fee Due: | $0.00 |
| Motor Fuel Permit Inspection Date: | 11/15/2022 |
| Motor Fuel Permit Expiration Date: | 12/31/2024 |
| MOTOR FUEL TYPE: | SelfSrv |
| Pending Nov: | N |
| IEMA: | Not reported |
| Equipment Type: | Corrosion Prot - Piping |
| Equipment: | Flexible Non-Corrosive |
| Last Passing Date: | N/A |
| Test Expire Date: | N/A |
| Removed Date: | 6/16/2015 |
| Abandoned Date: | Not reported |

| | |
|---|---|
| Tank Number: | 3 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 7500 |
| Tank Substance: | Gasoline |
| Last Used Date: | 6/30/2012 |
| OSFM First Notify Date: | 5/2/1986 |
| Red Tag Issue Date: | Not reported |
| Install Date: | 1/1/1972 |
| **Green Tag Decal:** | **X000316** |
| **Green Tag Issue Date:** | **11/15/2022** |
| **Green Tag Expire Date:** | **12/31/2024** |
| Fee Due: | $0.00 |
| Motor Fuel Permit Inspection Date: | 11/15/2022 |
| Motor Fuel Permit Expiration Date: | 12/31/2024 |
| MOTOR FUEL TYPE: | SelfSrv |
| Pending Nov: | N |
| IEMA: | Not reported |
| Equipment Type: | Corrosion Prot - Piping |
| Equipment: | Flexible Non-Corrosive |
| Last Passing Date: | N/A |
| Test Expire Date: | N/A |
| Removed Date: | 6/16/2015 |
| Abandoned Date: | Not reported |

| | |
|---|---|
| Tank Number: | 4 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 7500 |
| Tank Substance: | Gasoline |
| Last Used Date: | 6/30/2012 |
| OSFM First Notify Date: | 5/2/1986 |
| Red Tag Issue Date: | Not reported |

**1522 JOLIET BP, LLC (Continued)** **U003304775**

| | |
|---|---|
| Install Date: | 1/1/1972 |
| **Green Tag Decal:** | **X000316** |
| **Green Tag Issue Date:** | **11/15/2022** |
| **Green Tag Expire Date:** | **12/31/2024** |
| Fee Due: | $0.00 |
| Motor Fuel Permit Inspection Date: | 11/15/2022 |
| Motor Fuel Permit Expiration Date: | 12/31/2024 |
| MOTOR FUEL TYPE: | SelfSrv |
| Pending Nov: | N |
| IEMA: | Not reported |
| Equipment Type: | Corrosion Prot - Piping |
| Equipment: | Flexible Non-Corrosive |
| Last Passing Date: | N/A |
| Test Expire Date: | N/A |
| Removed Date: | 6/16/2015 |
| Abandoned Date: | Not reported |

| | |
|---|---|
| Tank Number: | 5 |
| **Tank Status:** | **Currently in use** |
| Tank Capacity: | 12000 |
| Tank Substance: | Gasoline - Regular |
| Last Used Date: | Not reported |
| OSFM First Notify Date: | 2/25/2021 |
| Red Tag Issue Date: | Not reported |
| Install Date: | 12/12/2019 |
| **Green Tag Decal:** | **X000316** |
| **Green Tag Issue Date:** | **11/15/2022** |
| **Green Tag Expire Date:** | **12/31/2024** |
| Fee Due: | $0.00 |
| Motor Fuel Permit Inspection Date: | 11/15/2022 |
| Motor Fuel Permit Expiration Date: | 12/31/2024 |
| MOTOR FUEL TYPE: | SelfSrv |
| Pending Nov: | N |
| IEMA: | Not reported |
| Equipment Type: | Corrosion Prot - Piping |
| Equipment: | Flexible Non-Corrosive |
| Last Passing Date: | N/A |
| Test Expire Date: | N/A |
| Removed Date: | Not reported |
| Abandoned Date: | Not reported |

| | |
|---|---|
| Tank Number: | 6 |
| **Tank Status:** | **Currently in use** |
| Tank Capacity: | 4000 |
| Tank Substance: | Gasoline - Premium |
| Last Used Date: | Not reported |
| OSFM First Notify Date: | 2/25/2021 |
| Red Tag Issue Date: | Not reported |
| Install Date: | 12/12/2019 |
| **Green Tag Decal:** | **X000316** |
| **Green Tag Issue Date:** | **11/15/2022** |
| **Green Tag Expire Date:** | **12/31/2024** |
| Fee Due: | $0.00 |
| Motor Fuel Permit Inspection Date: | 11/15/2022 |
| Motor Fuel Permit Expiration Date: | 12/31/2024 |

**1522 JOLIET BP, LLC (Continued)** **U003304775**

| | |
|---|---|
| MOTOR FUEL TYPE: | SelfSrv |
| Pending Nov: | N |
| IEMA: | Not reported |
| Equipment Type: | Corrosion Prot - Piping |
| Equipment: | Flexible Non-Corrosive |
| Last Passing Date: | N/A |
| Test Expire Date: | N/A |
| Removed Date: | Not reported |
| Abandoned Date: | Not reported |

---

**7**
**SSW**
**< 1/8**
**0.072 mi.**
**382 ft.**

**CHIGNOLI AUTO SALES INC**
**700 THEODORE**
**CREST HILL, IL 60435**

**RCRA NonGen / NLR** **1000235952**
**ILD982634156**

**Relative:**
**Higher**

**Actual:**
**650 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20191213 |
| Handler Name: | Chignoli Auto Sales Inc |
| Handler Address: | 700 THEODORE |
| Handler City,State,Zip: | CREST HILL, IL 60435 |
| EPA ID: | ILD982634156 |
| Contact Name: | Not reported |
| Contact Address: | Not reported |
| Contact City,State,Zip: | Not reported |
| Contact Telephone: | Not reported |
| Contact Fax: | Not reported |
| Contact Email: | Not reported |
| Contact Title: | Not reported |
| EPA Region: | 05 |
| Land Type: | Not reported |
| Federal Waste Generator Description: | Not a generator, verified |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | Not reported |
| Accessibility: | Not reported |
| Active Site Indicator: | Not reported |
| State District Owner: | Not reported |
| State District: | DESPLAINES |
| Mailing Address: | Not reported |
| Mailing City,State,Zip: | Not reported |
| Owner Name: | Not reported |
| Owner Type: | Not reported |
| Operator Name: | Not reported |
| Operator Type: | Not reported |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site State-Reg Handler: | --- |

**CHIGNOLI AUTO SALES INC (Continued)** **1000235952**

| | |
|---|---|
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| 202 GPRA Corrective Action Baseline: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20191213 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Hazardous Waste Summary:

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NAME NOT REPORTED

**CHIGNOLI AUTO SALES INC (Continued)** **1000235952**

| | |
|---|---|
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | ADDRESS NOT REPORTED |
| Owner/Operator City,State,Zip: | CITY NOT REPORTED, AK 99998 |
| Owner/Operator Telephone: | 312-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: CHIGNOLI AUTO SALES | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | ADDRESS NOT REPORTED |
| Owner/Operator City,State,Zip: | CITY NOT REPORTED, AK 99998 |
| Owner/Operator Telephone: | 312-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 20191213 |
| Handler Name: CHIGNOLI AUTO SALES INC | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |

| | |
|---|---|
| Receive Date: | 19890530 |
| Handler Name: CHIGNOLI AUTO SALES INC | |
| Federal Waste Generator Description: | Small Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Codes: | No NAICS Codes Found |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

**CHIGNOLI AUTO SALES INC (Continued)** **1000235952**

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**C8 NNW < 1/8 0.080 mi. 423 ft.** **CREST HILL CITY OF**
**2101 OAKLAND AVE ROW**
**CREST HILL, IL 60403**

**IL LUST S125715365**
**IL BOL N/A**

**Site 1 of 2 in cluster C**

**Relative: Lower**

**Actual: 591 ft.**

LUST:

| | |
|---|---|
| Name: | CREST HILL, CITY OF |
| Address: | 2101 OAKLAND AVENUE - ROW |
| City,State,Zip: | CREST HILL, IL 60403 |
| Incident Num: | 20191228 |
| IL EPA Id: | 1970255079 |
| Product: | Gasoline |
| IEMA Date: | 2019-11-27 |
| Project Manager: | Not reported |
| Project Manager Phone: | Not reported |
| Email: | Not reported |
| PRP Name: | City of Crest Hill |
| PRP Contact: | Raymond Soliman |
| PRP Address: | 1610 Plainfield Road |
| PRP City,St,Zip: | Crest Hill, IL 60403 |
| PRP Phone: | (815) 741-5123 |
| Site Classification: | Not reported |
| Section 57.5(g) Letter: | 734 |
| Date Section 57.5(g) Letter: | Not reported |
| Non LUST Determination Letter: | Not reported |
| 20 Report Received: | Not reported |
| 45 Report Received: | Not reported |
| **No Further Remediation Letter:** | **Not reported** |
| No Further Remediation Date Recorded: | Not reported |
| Heating Oil Date: | Not reported |
| Non-Lust LR Date: | Not reported |

BOL:

| | |
|---|---|
| Name: | CREST HILL CITY OF |
| Address: | 2101 OAKLAND AVE ROW |
| City,State,Zip: | CREST HILL, IL 60403 |
| Site Id: | 170002401522 |
| Inv Num: | 1970255079 |
| Interest Name: | Crest Hill City of |
| Interest Type: | BOL |
| Media Code: | LAND |
| Latitude: | 41.561900 |
| Longitude: | -88.100100 |

**C9 NNW < 1/8 0.080 mi. 423 ft.** **CREST HILL PUBLIC WORKS**
**2101 OAKLAND AVENUE**
**CREST HILL, IL 60403**
**Site 2 of 2 in cluster C**

**IL UST** **U004316329**
**N/A**

**Relative: Lower**
**Actual: 591 ft.**

UST:

| | |
|---|---|
| Name: | CREST HILL PUBLIC WORKS |
| Address: | 2101 OAKLAND AVENUE |
| City: | CREST HILL |
| Zip: | 60403 |
| Facility ID: | 2046958 |
| Facility Status: | EXEMPT |
| **Facility Type:** | **CITY / TOWN** |
| Owner Id: | U0030691 |
| Owner Name: | City of Crest Hill |
| Owner Address: | 1610 Plainfield Rd. |
| Owner City,St,Zip: | Crest Hill, IL 60403 |
| | |
| Tank Number: | 1 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 1500 |
| Tank Substance: | Gasoline - Regular |
| Last Used Date: | 12/31/1973 |
| OSFM First Notify Date: | Not reported |
| Red Tag Issue Date: | Not reported |
| Install Date: | Not reported |
| **Green Tag Decal:** | **Not reported** |
| **Green Tag Issue Date:** | **Not reported** |
| **Green Tag Expire Date:** | **Not reported** |
| Fee Due: | $0.00 |
| Motor Fuel Permit Inspection Date: | Not reported |
| Motor Fuel Permit Expiration Date: | Not reported |
| MOTOR FUEL TYPE: | Not reported |
| Pending Nov: | N |
| IEMA: | 19-1228 |
| Equipment Type: | Not reported |
| Equipment: | Not reported |
| Last Passing Date: | Not reported |
| Test Expire Date: | Not reported |
| Removed Date: | 11/27/2019 |
| Abandoned Date: | Not reported |

---

**10 NNE < 1/8 0.097 mi. 512 ft.** **SUNSET ENTERPRISES DBA JIMS**
**532 PASADENA**
**CREST HILL, IL 60403**

**RCRA-VSQG** **1004694356**
**FINDS** **ILD984907295**
**ECHO**

**Relative: Lower**
**Actual: 608 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 19921109 |
| Handler Name: | Sunset Enterprises Inc Dba Jims Body |
| Handler Address: | 532 PASADENA |
| Handler City,State,Zip: | CREST HILL, IL 60435 |
| EPA ID: | ILD984907295 |
| Contact Name: | JAMES MUHICH |
| Contact Address: | 532 PASADENA |
| Contact City,State,Zip: | CREST HILL, IL 60435 |
| Contact Telephone: | 815-726-3482 |
| Contact Fax: | Not reported |

**SUNSET ENTERPRISES DBA JIMS (Continued)** **1004694356**

| | |
|---|---|
| Contact Email: | Not reported |
| Contact Title: | Not reported |
| EPA Region: | 05 |
| Land Type: | Private |
| Federal Waste Generator Description: | Conditionally Exempt Small Quantity Generator |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | Not reported |
| Accessibility: | Not reported |
| Active Site Indicator: | Handler Activities |
| State District Owner: | Not reported |
| State District: | DESPLAINES |
| Mailing Address: | 532 PASADENA |
| Mailing City,State,Zip: | CREST HILL, IL 60435 |
| Owner Name: | Sunset Enterprises Inc Dba Jims Body |
| Owner Type: | Private |
| Operator Name: | Not reported |
| Operator Type: | Not reported |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | NN |
| Sub-Part K Indicator: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| 202 GPRA Corrective Action Baseline: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20000915 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

**SUNSET ENTERPRISES DBA JIMS (Continued)** **1004694356**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: SUNSET ENTERPRISES INC DBA JIMS BODY
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 532 PASADENA
Owner/Operator City,State,Zip: CREST HILL, IL 60435
Owner/Operator Telephone: 815-726-3482
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19921109
Handler Name: SUNSET ENTERPRISES INC DBA JIMS BODY
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

**SUNSET ENTERPRISES DBA JIMS (Continued)** **1004694356**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110005918338

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The Agency Compliance and Enforcement Systems (ACES) application supports the compliance and enforcement activities that exist primarily within the Illinois Bureaus of Air, Water, and Land, the Division of Legal Counsel, and the Office of Chemical Safety. The intent of the system is to track compliance and enforcement processes and to share the information throughout the agency, the public and with other entities.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1004694356 |
| Registry ID: | 110005918338 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110005918338 |
| Name: | SUNSET ENTERPRISES DBA JIMS |
| Address: | 532 PASADENA |
| City,State,Zip: | CREST HILL, IL 60403 |

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**11**
**SSW**
**< 1/8**
**0.107 mi.**
**567 ft.**

**CHEM DRY BY DEAN**
**1614 KELLY AVE**
**JOLIET, IL 60403**

**EDR Hist Cleaner** **1018570400**
**N/A**

**Relative:**
**Higher**

**Actual:**
**649 ft.**

EDR Hist Cleaner

| Year: | Name: | Type: |
|---|---|---|
| 2007 | CHEM DRY BY DEAN | Drycleaning Plants, Except Rugs, NEC |
| 2008 | CHEM DRY BY DEAN | Drycleaning Plants, Except Rugs, NEC |
| 2009 | CHEM DRY BY DEAN | Drycleaning Plants, Except Rugs, NEC |
| 2010 | CHEM DRY BY DEAN | Drycleaning Plants, Except Rugs, NEC |
| 2011 | CHEM DRY BY DEAN | Drycleaning Plants, Except Rugs, NEC |
| 2012 | CHEM DRY BY DEAN | Drycleaning Plants, Except Rugs, NEC |
| 2013 | CHEM DRY BY DEAN | Drycleaning Plants, Except Rugs, NEC |
| 2014 | CHEM DRY BY DEAN | Carpet And Upholstery Cleaning |

**D12 J M PRINTERS INC** **IL UST** **U003305319**
**NNE 510 PASADENA** **N/A**
**1/8-1/4 CREST HILL, IL 60435**
**0.155 mi.**
**817 ft.** **Site 1 of 4 in cluster D**

**Relative:** UST:
**Lower**

| | |
|---|---|
| **Actual:** Name: | J M PRINTERS INC |
| **612 ft.** Address: | 510 PASADENA |
| City: | CREST HILL |
| Zip: | 60435 |
| Facility ID: | 2033372 |
| Facility Status: | CLOSED |
| **Facility Type:** | **COMMERCIAL / RETAIL** |
| Owner Id: | U0023190 |
| Owner Name: | Conklin Marshall-Beneficiary |
| Owner Address: | 510 Pasadena 1St Midwest Bk Joliet Trust 1197 |
| Owner City,St,Zip: | Crest Hill, IL 60435 |
| Tank Number: | 1 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 500 |
| Tank Substance: | Gasoline |
| Last Used Date: | 1/1/1902 |
| OSFM First Notify Date: | 7/21/1994 |
| Red Tag Issue Date: | Not reported |
| Install Date: | Not reported |
| **Green Tag Decal:** | **Not reported** |
| **Green Tag Issue Date:** | **Not reported** |
| **Green Tag Expire Date:** | **Not reported** |
| Fee Due: | Not reported |
| Motor Fuel Permit Inspection Date: | Not reported |
| Motor Fuel Permit Expiration Date: | Not reported |
| MOTOR FUEL TYPE: | Not reported |
| Pending Nov: | N |
| IEMA: | Not reported |
| Equipment Type: | Not reported |
| Equipment: | Not reported |
| Last Passing Date: | Not reported |
| Test Expire Date: | Not reported |
| Removed Date: | 8/24/1994 |
| Abandoned Date: | Not reported |

---

**D13 J M PRINTERS INC** **RCRA-VSQG** **1004692604**
**NNE 510 PASADENA ST** **IL0000875633**
**1/8-1/4 CREST HILLS, IL 60435**
**0.158 mi.**
**833 ft.** **Site 2 of 4 in cluster D**

**Relative:** RCRA Listings:
**Lower**

| | |
|---|---|
| **Actual:** Date Form Received by Agency: | 19941003 |
| **611 ft.** Handler Name: | J M Printers Inc |
| Handler Address: | 510 PASADENA ST |
| Handler City,State,Zip: | CREST HILLS, IL 60435 |
| EPA ID: | IL0000875633 |
| Contact Name: | MARSHALL CONKLIN |
| Contact Address: | 510 PASADENA ST |
| Contact City,State,Zip: | CREST HILLS, IL 60435 |
| Contact Telephone: | 815-727-4758 |
| Contact Fax: | Not reported |

**J M PRINTERS INC (Continued)** **1004692604**

| | |
|---|---|
| Contact Email: | Not reported |
| Contact Title: | Not reported |
| EPA Region: | 05 |
| Land Type: | Private |
| Federal Waste Generator Description: | Conditionally Exempt Small Quantity Generator |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | Not reported |
| Accessibility: | Not reported |
| Active Site Indicator: | Handler Activities |
| State District Owner: | Not reported |
| State District: | DESPLAINES |
| Mailing Address: | 510 PASADENA ST |
| Mailing City,State,Zip: | CREST HILLS, IL 60435 |
| Owner Name: | First Midwest Trust 1197 |
| Owner Type: | Private |
| Operator Name: | Not reported |
| Operator Type: | Not reported |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site State-Reg Handler: | — |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | NN |
| Sub-Part K Indicator: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| 202 GPRA Corrective Action Baseline: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20000915 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

**J M PRINTERS INC (Continued)** **1004692604**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: FIRST MIDWEST TRUST 1197
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 510 PASADENA ST
Owner/Operator City,State,Zip: CREST HILL, IL 60435
Owner/Operator Telephone: 815-727-4758
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19941003
Handler Name: J M PRINTERS INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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**E14** **KOWALSKI, ED** **IL LUST** **S104525305**
**SSW** **1526 NORTH RAYNOR** **N/A**
**1/8-1/4** **JOLIET, IL 60435**
**0.176 mi.**
**927 ft.** **Site 1 of 2 in cluster E**

**Relative:** **Higher**
**Actual:** **660 ft.**

LUST:
Name: KOWALSKI, ED
Address: 1526 NORTH RAYNOR
City,State,Zip: JOLIET, IL 60435
Incident Num: 913736
IL EPA Id: 1970455236
Product: Gasoline, Used Oil
IEMA Date: 1991-12-26

**KOWALSKI, ED (Continued)** **S104525305**

| | |
|---|---|
| Project Manager: | Rothering |
| Project Manager Phone: | (217) 785-1858 |
| Email: | Scott.Rothering@illinois.gov |
| PRP Name: | Ed Kowalski |
| PRP Contact: | Not reported |
| PRP Address: | 9 South Prairie |
| PRP City,St,Zip: | Joliet, IL 60436 |
| PRP Phone: | Not reported |
| Site Classification: | Not reported |
| Section 57.5(g) Letter: | 734 |
| Date Section 57.5(g) Letter: | Not reported |
| Non LUST Determination Letter: | Not reported |
| 20 Report Received: | Not reported |
| 45 Report Received: | Not reported |
| **No Further Remediation Letter:** | **Not reported** |
| No Further Remediation Date Recorded: | Not reported |
| Heating Oil Date: | Not reported |
| Non-Lust LR Date: | Not reported |

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**E15** **FACILITY 2017569** **IL UST** **U003304939**
**SSW** **1526 N RAYNOR AVE** **N/A**
**1/8-1/4** **JOLIET, IL 60435**
**0.176 mi.**
**927 ft.** **Site 2 of 2 in cluster E**

**Relative:** UST:
**Higher**

**Actual:**
**660 ft.**

| | |
|---|---|
| Name: | FACILITY 2017569 |
| Address: | 1526 N RAYNOR AVE |
| City: | JOLIET |
| Zip: | 60435 |
| Facility ID: | 2017569 |
| Facility Status: | CLOSED |
| **Facility Type:** | **NONE** |
| Owner Id: | U0017869 |
| Owner Name: | Kowalski Edward F |
| Owner Address: | 9 S Prairie Ave |
| Owner City,St,Zip: | Joliet, IL 60436 |
| | |
| Tank Number: | 1 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 6000 |
| Tank Substance: | Not reported |
| Last Used Date: | 3/1/1990 |
| OSFM First Notify Date: | 4/2/1986 |
| Red Tag Issue Date: | Not reported |
| Install Date: | Not reported |
| **Green Tag Decal:** | **Not reported** |
| **Green Tag Issue Date:** | **Not reported** |
| **Green Tag Expire Date:** | **Not reported** |
| Fee Due: | Not reported |
| Motor Fuel Permit Inspection Date: | Not reported |
| Motor Fuel Permit Expiration Date: | Not reported |
| MOTOR FUEL TYPE: | Not reported |
| Pending Nov: | N |
| IEMA: | Not reported |
| Equipment Type: | Not reported |
| Equipment: | Not reported |
| Last Passing Date: | Not reported |

**FACILITY 2017569 (Continued)** **U003304939**

| | |
|---|---|
| Test Expire Date: | Not reported |
| Removed Date: | 12/1/1991 |
| Abandoned Date: | Not reported |

| | |
|---|---|
| Tank Number: | 2 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 4000 |
| Tank Substance: | Not reported |
| Last Used Date: | 3/1/1990 |
| OSFM First Notify Date: | 4/2/1986 |
| Red Tag Issue Date: | Not reported |
| Install Date: | Not reported |
| **Green Tag Decal:** | **Not reported** |
| **Green Tag Issue Date:** | **Not reported** |
| **Green Tag Expire Date:** | **Not reported** |
| Fee Due: | Not reported |
| Motor Fuel Permit Inspection Date: | Not reported |
| Motor Fuel Permit Expiration Date: | Not reported |
| MOTOR FUEL TYPE: | Not reported |
| Pending Nov: | N |
| IEMA: | Not reported |
| Equipment Type: | Not reported |
| Equipment: | Not reported |
| Last Passing Date: | Not reported |
| Test Expire Date: | Not reported |
| Removed Date: | 12/1/1991 |
| Abandoned Date: | Not reported |

| | |
|---|---|
| Tank Number: | 3 |
| **Tank Status:** | **Removed** |
| Tank Capacity: | 550 |
| Tank Substance: | Not reported |
| Last Used Date: | 3/1/1990 |
| OSFM First Notify Date: | 11/15/1991 |
| Red Tag Issue Date: | Not reported |
| Install Date: | Not reported |
| **Green Tag Decal:** | **Not reported** |
| **Green Tag Issue Date:** | **Not reported** |
| **Green Tag Expire Date:** | **Not reported** |
| Fee Due: | Not reported |
| Motor Fuel Permit Inspection Date: | Not reported |
| Motor Fuel Permit Expiration Date: | Not reported |
| MOTOR FUEL TYPE: | Not reported |
| Pending Nov: | N |
| IEMA: | Not reported |
| Equipment Type: | Not reported |
| Equipment: | Not reported |
| Last Passing Date: | Not reported |
| Test Expire Date: | Not reported |
| Removed Date: | 12/1/1991 |
| Abandoned Date: | Not reported |

**16**
**NNW**
**1/8-1/4**
**0.176 mi.**
**928 ft.**

**AUTO COLLISION EXPERTS INC**
**2041 N RAYNOR AVE**
**CREST HILL, IL 60435**

**RCRA-VSQG** **1004692317**
**FINDS** **IL0000079731**
**ECHO**
**WI MANIFEST**

**Relative:**
**Lower**

**Actual:**
**591 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 19931215 |
| Handler Name: | Auto Collision Experts Inc |
| Handler Address: | 2041 N RAYNOR AVE |
| Handler City,State,Zip: | CREST HILL, IL 60435 |
| EPA ID: | IL0000079731 |
| Contact Name: | FRED VALENTINO |
| Contact Address: | 2041 N RAYNOR AVE |
| Contact City,State,Zip: | CREST HILL, IL 60435 |
| Contact Telephone: | 815-740-1111 |
| Contact Fax: | Not reported |
| Contact Email: | Not reported |
| Contact Title: | Not reported |
| EPA Region: | 05 |
| Land Type: | Private |
| Federal Waste Generator Description: | Conditionally Exempt Small Quantity Generator |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | Not reported |
| Accessibility: | Not reported |
| Active Site Indicator: | Handler Activities |
| State District Owner: | Not reported |
| State District: | DESPLAINES |
| Mailing Address: | 2041 N RAYNOR AVE |
| Mailing City,State,Zip: | CREST HILL, IL 60435 |
| Owner Name: | Valentino Fred |
| Owner Type: | Private |
| Operator Name: | Not reported |
| Operator Type: | Not reported |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | NN |
| Sub-Part K Indicator: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| 202 GPRA Corrective Action Baseline: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |

**AUTO COLLISION EXPERTS INC (Continued)** **1004692317**

| | |
|---|---|
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20000915 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Hazardous Waste Summary:

| | |
|---|---|
| Waste Code: | D001 |
| Waste Description: | Ignitable Waste |
| Waste Code: | F003 |
| Waste Description: | The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures. |
| Waste Code: | F005 |
| Waste Description: | The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures. |

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: VALENTINO FRED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 2041 N RAYNOR AVE |
| Owner/Operator City,State,Zip: | CREST HILLS, IL 60435 |
| Owner/Operator Telephone: | 815-740-1111 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**AUTO COLLISION EXPERTS INC (Continued)** **1004692317**

Historic Generators:

| | |
|---|---|
| Receive Date: | 19931215 |
| Handler Name: | AUTO COLLISION EXPERTS INC |
| Federal Waste Generator Description: | Conditionally Exempt Small Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Codes: | No NAICS Codes Found |

Facility Has Received Notices of Violations:

| | |
|---|---|
| Violations: | No Violations Found |

Evaluation Action Summary:

| | |
|---|---|
| Evaluations: | No Evaluations Found |

FINDS:

Registry ID: 110005796905

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The Agency Compliance and Enforcement Systems (ACES) application supports the compliance and enforcement activities that exist primarily within the Illinois Bureaus of Air, Water, and Land, the Division of Legal Counsel, and the Office of Chemical Safety. The intent of the system is to track compliance and enforcement processes and to share the information throughout the agency, the public and with other entities.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1004692317 |
| Registry ID: | 110005796905 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110005796905 |

**AUTO COLLISION EXPERTS INC (Continued)** **1004692317**

Name: AUTO COLLISION EXPERTS INC
Address: 2041 N RAYNOR AVE
City,State,Zip: CREST HILL, IL 60403

WI MANIFEST:
Name: AUTO COLLISION EXPERTS INC
Address: 2041 NORTH RAYNOR AVENUE
City,State,Zip: CREST HILL, IL 60435
Year: 2017
EPA ID: IL0000079731
FID: Not reported
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Shipped:
Year: 2017
Manifest Doc Id: 007940693FLE
Copy Type: TSDCOPY
Gen EPA ID: IL0000079731
Gen Date: 06/15/2017
GEN Copy Revd Date: Not reported
TSD Date: 06/22/2017
TSD EPA ID: WID988580056
TSD Copy Revd Date: 07/05/2017

Name: AUTO COLLISION EXPERTS INC
Address: 2041 NORTH RAYNOR AVENUE
City,State,Zip: CREST HILL, IL 60435
Year: 2016
EPA ID: IL0000079731
FID: Not reported
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Shipped:
Year: 2016
Manifest Doc Id: 007939600FLE
Copy Type: TSDCOPY
Gen EPA ID: IL0000079731

**AUTO COLLISION EXPERTS INC (Continued)** **1004692317**

Gen Date: 06/28/2016
GEN Copy Revd Date: Not reported
TSD Date: 07/12/2016
TSD EPA ID: WID988580056
TSD Copy Revd Date: 08/15/2016

Name: AUTO COLLISION EXPERTS INC
Address: 2041 NORTH RAYNOR AVENUE
City,State,Zip: CREST HILL, IL 60435
Year: 2015
EPA ID: IL0000079731
FID: Not reported
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact City/State/Zip: Not reported
Contact Telephone: Not reported
Contact EMail Address: Not reported

Shipped:
Year: 2015
Manifest Doc Id: 005378590FLE
Copy Type: TSDCOPY
Gen EPA ID: IL0000079731
Gen Date: 11/24/2015
GEN Copy Revd Date: Not reported
TSD Date: 12/09/2015
TSD EPA ID: WID988580056
TSD Copy Revd Date: 01/15/2016

Year: 2015
Manifest Doc Id: 005379368FLE
Copy Type: TSDCOPY
Gen EPA ID: IL0000079731
Gen Date: 03/30/2015
GEN Copy Revd Date: Not reported
TSD Date: 04/10/2015
TSD EPA ID: WID988580056
TSD Copy Revd Date: 05/13/2015

Name: AUTO COLLISION EXPERTS INC
Address: 2041 NORTH RAYNOR AVENUE
City,State,Zip: CREST HILL, IL 60435
Year: 2014
EPA ID: IL0000079731
FID: Not reported
ACT Code: 203
ACT Status: A
ACT Code 1: 203
ACT Name: HW Generator - Very Small
Contact Title: Not reported

**AUTO COLLISION EXPERTS INC (Continued)** **1004692317**

| | |
|---|---|
| Contact Name: | Not reported |
| Contact Address: | Not reported |
| Contact City/State/Zip: | Not reported |
| Contact Telephone: | Not reported |
| Contact EMail Address: | Not reported |

Shipped:

| | |
|---|---|
| Year: | 2014 |
| Manifest Doc Id: | 005378031FLE |
| Copy Type: | TSDCOPY |
| Gen EPA ID: | IL0000079731 |
| Gen Date: | 05/23/2014 |
| GEN Copy Revd Date: | Not reported |
| TSD Date: | 06/05/2014 |
| TSD EPA ID: | WID988580056 |
| TSD Copy Revd Date: | 07/03/2014 |

| | |
|---|---|
| Year: | 2014 |
| Manifest Doc Id: | 005379110FLE |
| Copy Type: | TSDCOPY |
| Gen EPA ID: | IL0000079731 |
| Gen Date: | 12/18/2014 |
| GEN Copy Revd Date: | Not reported |
| TSD Date: | 12/30/2014 |
| TSD EPA ID: | WID988580056 |
| TSD Copy Revd Date: | 01/14/2015 |

| | |
|---|---|
| Name: | AUTO COLLISION EXPERTS INC |
| Address: | 2041 NORTH RAYNOR AVENUE |
| City,State,Zip: | CREST HILL, IL 60435 |
| Year: | 2005 |
| EPA ID: | IL0000079731 |
| FID: | 0 |
| ACT Code: | 203 |
| ACT Status: | A |
| ACT Code 1: | 203 |
| ACT Name: | HW Generator - Very Small |
| Contact Title: | Not reported |
| Contact Name: | Not reported |
| Contact Address: | Not reported |
| Contact City/State/Zip: | 0 |
| Contact Telephone: | 0 |
| Contact EMail Address: | Not reported |

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**D17** **JOLIET PATTERN WORKS INC** **PFAS ECHO** **1027374102**
**NNE** **N/A**
**1/8-1/4** **CREST HILL, IL**
**0.184 mi.**
**969 ft.** **Site 3 of 4 in cluster D**

**Relative:** PFAS ECHO:
**Lower**

| | |
|---|---|
| Name: | JOLIET PATTERN WORKS INC |
| Address: | Not reported |
| City,State,Zip: | CREST HILL, IL |
| Latitude: | 41.562032 |

**Actual:**
**609 ft.**

**JOLIET PATTERN WORKS INC (Continued)** **1027374102**

| | |
|---|---|
| Longitude: | -88.095188 |
| Count: | 1 |
| County: | WILL |
| Status: | Active |
| Region: | 05 |
| Industry: | Printing |
| ECHO Facility Report: | https://echo.epa.gov/detailed-facility-report?fid=110001366370 |
| Facility Percent Minority: | 52.041 |
| Facility Derived Tribes: | - |
| Facility Population: | 2988.05 |
| EPA Programs: | CAA; RCRA |
| Federal Facility: | No |
| Federal Agency: | - |
| Facility FIPS Code: | 17197 |
| Facility Indian Country Flag: | N |
| Facility Collection Method: | INTERPOLATION-PHOTO |
| Facility Derived HUC: | 07120004 |
| Facility Derived WBD: | 071200040706 |
| Facility Derived CD113: | 03 |
| Facility Derived CB2010: | 171978841031062 |
| Facility Major Flag: | - |
| Facility Active Flag: | Y |
| Facility Inspection Count: | 0 |
| Facility Date Last Inspection: | 3/9/2011 |
| Facility Days Last Inspection: | 4,497 |
| Facility Informal Count: | 0 |
| Facility Date Last Informal Action: | - |
| Facility Formal Action Count: | 0 |
| Facility Date Last Formal Action: | - |
| Facility Total Penalties: | 0 |
| Facility Penalty Count: | - |
| Facility Date Last Penalty: | - |
| Facility Last Penalty AMT: | - |
| Facility QTRS With NC: | 0 |
| Facility Programs With SNC: | 0 |
| Facility Compliance Status: | No Violation Identified |
| Facility SNC Flag: | N |
| AIR Flag: | Y |
| NPDES Flag: | N |
| SDWIS Flag: | N |
| RCRA Flag: | Y |
| TRI Flag: | N |
| GHG Flag: | N |
| AIR IDS: | IL000197025AAM |
| CAA Permit Types: | Minor Emissions |
| CAA NAICS: | 323113 323111 |
| CAA SICS: | 3993 |
| NPDES IDS: | - |
| CWA Permit Types: | - |
| CWA NAICS: | - |
| CWA SICS: | - |
| RCRA IDS: | ILD005471669 |
| RCRA Permit Types: | SQG |
| RCRA NAICS: | 32311 |
| SDWA IDS: | - |
| SDWA System Types: | - |
| SDWA Compliance Status: | - |

**JOLIET PATTERN WORKS INC (Continued)** **1027374102**

| | |
|---|---|
| SDWA SNC Flag: | N |
| TRI IDS: | - |
| TRI Releases Transfers: | - |
| TRI On Site Releases: | - |
| TRI Off Site Transfers: | - |
| TRI Reporter: | - |
| Facility IMP Water Flag: | - |
| EJSCREEN Flag US: | N |
| EJSCREEN Report: | https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-88.095188,%22y%22:41.562032,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1 |

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**D18** **JOLIET PATTERN WORKS INC** **RCRA-SQG 1000249669**
**NNE** **508 PASADENA AVE** **US AIRS ILD005471669**
**1/8-1/4** **CREST HILL, IL 60403** **FINDS**
**0.191 mi.** **ECHO**
**1006 ft.** **Site 4 of 4 in cluster D**

**Relative:** **Lower**
**Actual:** **612 ft.**

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20210826 |
| Handler Name: | Joliet Pattern Works Inc |
| Handler Address: | 508 PASADENA AVE |
| Handler City,State,Zip: | CREST HILL, IL 60435 |
| EPA ID: | ILD005471669 |
| Contact Name: | ANDY WOOD |
| Contact Address: | 508 PASADENA AVE |
| Contact City,State,Zip: | CREST HILL, IL 60435 |
| Contact Telephone: | 815-726-5373 |
| Contact Fax: | Not reported |
| Contact Email: | ANDYWOOD@JOLIETPATTERN.COM |
| Contact Title: | PRESIDENT |
| EPA Region: | 05 |
| Land Type: | Private |
| Federal Waste Generator Description: | Small Quantity Generator |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | Not reported |
| Accessibility: | Not reported |
| Active Site Indicator: | Handler Activities |
| State District Owner: | II |
| State District: | DESPLAINES |
| Mailing Address: | 508 PASADENA AVE |
| Mailing City,State,Zip: | CREST HILL, IL 60435 |
| Owner Name: | Andrew D Wood |
| Owner Type: | Private |
| Operator Name: | Joliet Pattern Works Inc |
| Operator Type: | Private |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |

**JOLIET PATTERN WORKS INC (Continued)** **1000249669**

| | |
|---|---|
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site State-Reg Handler: | — |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| 202 GPRA Corrective Action Baseline: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | N/A |
| Groundwater Controls Indicator: | N/A |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20210826 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Hazardous Waste Summary:

| | |
|---|---|
| Waste Code: | D001 |
| Waste Description: | Ignitable Waste |
| Waste Code: | F003 |
| Waste Description: | The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures. |
| Waste Code: | F005 |
| Waste Description: | The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures. |

**JOLIET PATTERN WORKS INC (Continued)** **1000249669**

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: WOOD ANDREW | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | ADDRESS NOT REPORTED |
| Owner/Operator City,State,Zip: | CITY NOT REPORTED, AK 99998 |
| Owner/Operator Telephone: | 312-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: NAME NOT REPORTED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | ADDRESS NOT REPORTED |
| Owner/Operator City,State,Zip: | CITY NOT REPORTED, AK 99998 |
| Owner/Operator Telephone: | 312-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: JOLIET PATTERN WORKS INC | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 508 PASADENA AVE |
| Owner/Operator City,State,Zip: | CREST HILL, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: ANDREW D WOOD | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 4014 GROVE RD |
| Owner/Operator City,State,Zip: | OSWEGO, IL 60543 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 19880413 |
| Handler Name: JOLIET PATTERN INC | |
| Federal Waste Generator Description: | Small Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |

**JOLIET PATTERN WORKS INC (Continued)** **1000249669**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20210826
Handler Name: JOLIET PATTERN WORKS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Il
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 32311
NAICS Description: PRINTING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

US AIRS MINOR:
Envid: 1000249669
Region Code: 05
Programmatic ID: AIR IL000197025AAM
Facility Registry ID: 110001366370
D and B Number: Not reported
Primary SIC Code: 3993
NAICS Code: 323113
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 05
Programmatic ID: AIR IL000197025AAM
Facility Registry ID: 110001366370
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-04-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

**JOLIET PATTERN WORKS INC (Continued)** **1000249669**

Region Code: 05
Programmatic ID: AIR IL000197025AAM
Facility Registry ID: 110001366370
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-03-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Envid: 1000249669
Region Code: 05
Programmatic ID: AIR IL000197025AAM
Facility Registry ID: 110001366370
D and B Number: Not reported
Primary SIC Code: 3993
NAICS Code: 323111
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 05
Programmatic ID: AIR IL000197025AAM
Facility Registry ID: 110001366370
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-04-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR IL000197025AAM
Facility Registry ID: 110001366370
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-03-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:
Registry ID: 110001366370

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE

**JOLIET PATTERN WORKS INC (Continued)** **1000249669**

STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES
ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.
The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The Agency Compliance and Enforcement Systems (ACES) application supports the compliance and enforcement activities that exist primarily within the Illinois Bureaus of Air, Water, and Land, the Division of Legal Counsel, and the Office of Chemical Safety. The intent of the system is to track compliance and enforcement processes and to share the information throughout the agency, the public and with other entities.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000249669 |
| Registry ID: | 110001366370 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110001366370 |
| Name: | JOLIET PATTERN WORKS INC |
| Address: | 508 PASADENA AVE |
| City,State,Zip: | CREST HILL, IL 60403 |

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**19 WNW 1/4-1/2 0.281 mi. 1486 ft.** **MAYOR AND COUNCIL** **IL IMPDMENT** **S105253154 N/A**

**, IL**

**Relative: Lower**

**Actual: 613 ft.**

SIA:

| | |
|---|---|
| Area: | 0.00000000000 |
| Perimeter: | 0.00000000000 |
| County FIPS Code: | 197 |
| Place Code: | 17458 |
| Type of Impoundment Facility: | MUNICIPAL |
| SIA Number: | 00211 |
| # of impoundments at Site: | 002 |
| IEPA ID: | 0 |
| NPDES Permit #: | IL0021121 |
| SIC Code 2: | 4952 |
| Latitude: | 413331 |

**MAYOR AND COUNCIL (Continued)** **S105253154**

| | |
|---|---|
| Longitude: | 0880614 |
| Date Facility Id'd and Inventoried: | 41279 |
| Land owner street address: | 2101 N OAKLAND AVE |
| Land Owner City,St,Zip: | CREST HILL, IL 60435 |
| Operator of impoundment: | Not reported |
| Operator address: | Not reported |
| Operator City,St,Zip: | 0 |
| State Abbreviation: | Not reported |
| County FIPS Code: | Not reported |
| Place Code: | 0 |
| Type of Impoundment Facility 2: | Not reported |
| SIA Number: | Not reported |
| Unique Impoundment Number: | Not reported |
| Purpose For Impoundment: | Not reported |
| Explanation For Above: | Not reported |
| Age of Impoundment in Years: | Not reported |
| Impoundment Currently In Use: | Not reported |
| # of years in Operation if In Use: | Not reported |
| Unique Record # assigned by S. Schock: | P1486 |
| Last Year of Operation if Not in Use: | Not reported |
| Surface Area of all impoundments (acres): | Not reported |
| Surface Area of all impoundments (acres): | Not reported |
| Average Influent (Gal/day) Into Impoundment: | Not reported |
| Year of Record for above (influent) average: | Not reported |
| Average Effluent (gal/day) out of impoundment: | Not reported |
| Year of record for above (effluent) average: | Not reported |
| Year of record for above average: | Not reported |
| Year of record for above average: | Not reported |
| Avg Effluent for all Impoundments at facility: | Not reported |
| Year of Record for above Average: | Not reported |
| Bottom of Liner: | Not reported |
| If Liner Type ?? Above, Thickness (inches): | Not reported |
| Description of Liner Type If ?? Above: | Not reported |
| If Agricultural Impoundment, Type of Livestock: | Not reported |
| If Agricultural Impoundment, Average Daily # Livestock: | Not reported |
| Number of Monitoring Wells: | Not reported |
| Frequency Of Groundwater Samplings: | Not reported |
| Explanation Of GW Sampling if Other: | Not reported |
| GW Quality Changes Detected: | Not reported |
| Seepage Affected Drnk Water Wells Within 1 Mile: | Not reported |
| Site Features: | Not reported |
| Dun and Bradst # Identifying Facility Type 2: | Not reported |
| Dun and Bradst # Identifying Operator Business 2: | Not reported |
| Dun and Bradst # Identifying Facility Type 2: | Not reported |
| Dun and Bradst # Identifying Operator Business 2: | Not reported |
| SIC Code 2: | Not reported |

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**20**
**ENE**
**1/2-1**
**0.512 mi.**
**2706 ft.**

**DOW CHEMICAL**
**2050 N BROADWAY**
**JOLIET, IL 60435**

**SEMS** **1015731039**
**CORRACTS** **ILD043912922**
**RCRA-VSQG**
**US INST CONTROLS**
**FINDS**

**Relative:**
**Lower**

**Actual:**
**592 ft.**

SEMS:

| | |
|---|---|
| Site ID: | 0506526 |
| EPA ID: | ILD043912922 |
| Name: | INSTA-FOAM PRODUCT, INCORPORATION |
| Address: | BROADWAY & CHANEY STREETS |

**DOW CHEMICAL (Continued)** **1015731039**

Address 2: Not reported
City,State,Zip: CREST HILL, IL 60435
Cong District: 04
FIPS Code: 17197
Latitude: +41.561111
Longitude: -088.088889
FF: N
NPL: Not on the NPL
Non NPL Status: Site Reassessment Start Needed

SEMS Detail:
Region: 05
Site ID: 0506526
EPA ID: ILD043912922
Site Name: INSTA-FOAM PRODUCT, INCORPORATION
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1991-04-15 04:00:00
Qual: H
Current Action Lead: St Perf

Region: 05
Site ID: 0506526
EPA ID: ILD043912922
Site Name: INSTA-FOAM PRODUCT, INCORPORATION
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1992-06-15 04:00:00
Finish Date: 1992-09-30 04:00:00
Qual: L
Current Action Lead: St Perf

Region: 05
Site ID: 0506526
EPA ID: ILD043912922
Site Name: INSTA-FOAM PRODUCT, INCORPORATION
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1990-09-26 04:00:00
Finish Date: 1990-09-26 04:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 05
Site ID: 0506526

**DOW CHEMICAL (Continued)** **1015731039**

EPA ID: ILD043912922
Site Name: INSTA-FOAM PRODUCT, INCORPORATION
NPL: N
FF: N
OU: 00
Action Code: ES
Action Name: ESI
SEQ: 1
Start Date: 1999-11-10 05:00:00
Finish Date: 2000-09-29 04:00:00
Qual: G
Current Action Lead: St Perf

CORRACTS:
Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
EPA ID: ILD043912922
Area Name: Entire Facility
Corrective Action: CAS01RU
Actual Date: 20210628
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
EPA ID: ILD043912922
Area Name: Entire Facility
Corrective Action: INVESTIGATION IMPOSITION
Actual Date: 20080819
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
EPA ID: ILD043912922
Area Name: Entire Facility
Corrective Action: REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED
Actual Date: 20121129
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
EPA ID: ILD043912922
Area Name: Entire Facility
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS

**DOW CHEMICAL (Continued)** **1015731039**

| | DATE |
|---|---|
| Actual Date: | 20100129 |
| Air Release Indicator: | Not reported |
| Groundwater Release Indicator: | Not reported |
| Soil Release Indicator: | Not reported |
| Surface Water Release Indicator: | Not reported |

| | |
|---|---|
| Name: | DOW CHEMICAL |
| Address: | 2050 N BROADWAY |
| Address 2: | Not reported |
| EPA ID: | ILD043912922 |
| Area Name: | Entire Facility |
| Corrective Action: | RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE |
| Actual Date: | 20100114 |
| Air Release Indicator: | Not reported |
| Groundwater Release Indicator: | Not reported |
| Soil Release Indicator: | Not reported |
| Surface Water Release Indicator: | Not reported |

| | |
|---|---|
| Name: | DOW CHEMICAL |
| Address: | 2050 N BROADWAY |
| Address 2: | Not reported |
| EPA ID: | ILD043912922 |
| Area Name: | Entire Facility |
| Corrective Action: | ENGINEERING CONTROLS ESTABLISHED-GROUNDWATER CONTROL |
| Actual Date: | 20121129 |
| Air Release Indicator: | Not reported |
| Groundwater Release Indicator: | Not reported |
| Soil Release Indicator: | Not reported |
| Surface Water Release Indicator: | Not reported |

| | |
|---|---|
| Name: | DOW CHEMICAL |
| Address: | 2050 N BROADWAY |
| Address 2: | Not reported |
| EPA ID: | ILD043912922 |
| Area Name: | Entire Facility |
| Corrective Action: | INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL |
| Actual Date: | 20121026 |
| Air Release Indicator: | Not reported |
| Groundwater Release Indicator: | Not reported |
| Soil Release Indicator: | Not reported |
| Surface Water Release Indicator: | Not reported |

| | |
|---|---|
| Name: | DOW CHEMICAL |
| Address: | 2050 N BROADWAY |
| Address 2: | Not reported |
| EPA ID: | ILD043912922 |
| Area Name: | Entire Facility |
| Corrective Action: | READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE |
| Actual Date: | 20121129 |
| Air Release Indicator: | Not reported |
| Groundwater Release Indicator: | Not reported |
| Soil Release Indicator: | Not reported |
| Surface Water Release Indicator: | Not reported |

RCRA Listings:
Date Form Received by Agency: 20120411

**DOW CHEMICAL (Continued)** **1015731039**

| | |
|---|---|
| Handler Name: | Dow Chemical |
| Handler Address: | 2050 N BROADWAY |
| Handler City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD043912922 |
| Contact Name: | DAWN MCNAMARA |
| Contact Address: | 901 E KANKAKEE RIVER DR |
| Contact City,State,Zip: | WILMINGTON, IL 60481 |
| Contact Telephone: | 815-476-1261 |
| Contact Fax: | Not reported |
| Contact Email: | DMMCNAMARA@DOW.COM |
| Contact Title: | EHS DELIVERY LEADER |
| EPA Region: | 05 |
| Land Type: | Private |
| Federal Waste Generator Description: | Conditionally Exempt Small Quantity Generator |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | Not reported |
| Accessibility: | Not reported |
| Active Site Indicator: | Handler Activities, Corrective Action Activities |
| State District Owner: | Not reported |
| State District: | DESPLAINES |
| Mailing Address: | 901 E KANKAKEE RIVER DR |
| Mailing City,State,Zip: | WILMINGTON, IL 60481 |
| Owner Name: | Dow Chemical |
| Owner Type: | Private |
| Operator Name: | Dow Chemical |
| Operator Type: | Private |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site State-Reg Handler: | — |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | NN |
| Sub-Part K Indicator: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| 202 GPRA Corrective Action Baseline: | No |
| Subject to Corrective Action Universe: | No |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | Yes |
| Corrective Action Priority Ranking: | No NCAPS ranking |
| Environmental Control Indicator: | Yes |
| Institutional Control Indicator: | Yes |
| Human Exposure Controls Indicator: | Yes |
| Groundwater Controls Indicator: | Yes |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |

**DOW CHEMICAL (Continued)** **1015731039**

| | |
|---|---|
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20150414 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | Not reported |
| Manifest Broker: | Not reported |
| Sub-Part P Indicator: | No |

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: U238
Waste Description: Carbamic Acid, Ethyl Ester (Or) Ethyl Carbamate (Urethane)

Handler - Owner Operator:

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: NAME NOT REPORTED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | ADDRESS NOT REPORTED |
| Owner/Operator City,State,Zip: | CITY NOT REPORTED, AK 99998 |
| Owner/Operator Telephone: | 312-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: DOW CHEMICAL | |
| Legal Status: | Private |
| Date Became Current: | 20120411 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | Not reported |
| Owner/Operator City,State,Zip: | Not reported |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: DOW CHEMICAL | |
| Legal Status: | Private |

**DOW CHEMICAL (Continued)** **1015731039**

| | |
|---|---|
| Date Became Current: | 20000221 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 2050 N BROADWAY |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: DOW CHEMICAL | |
| Legal Status: | Private |
| Date Became Current: | 20120411 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | Not reported |
| Owner/Operator City,State,Zip: | Not reported |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: NAME NOT REPORTED | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | ADDRESS NOT REPORTED |
| Owner/Operator City,State,Zip: | CITY NOT REPORTED, AK 99998 |
| Owner/Operator Telephone: | 312-555-1212 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: DOW CHEMICAL | |
| Legal Status: | Private |
| Date Became Current: | 20000221 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 2050 N BROADWAY |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: THE DOW CHEMICAL CO | |
| Legal Status: | Private |
| Date Became Current: | 20000221 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 901 E KANKAKEE RIVER DR |
| Owner/Operator City,State,Zip: | WILMINGTON, IL 60481 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**DOW CHEMICAL (Continued)** **1015731039**

Owner/Operator Indicator: Owner
Owner/Operator Name: DOW CHEMICAL
Legal Status: Private
Date Became Current: 20000221
Date Ended Current: Not reported
Owner/Operator Address: 2050 N BROADWAY
Owner/Operator City,State,Zip: JOLIET, IL 60435
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DOW CHEMICAL
Legal Status: Private
Date Became Current: 20000221
Date Ended Current: Not reported
Owner/Operator Address: 2050 N BROADWAY
Owner/Operator City,State,Zip: JOLIET, IL 60435
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DOW CHEMICAL
Legal Status: Private
Date Became Current: 20000221
Date Ended Current: Not reported
Owner/Operator Address: 2030 DOW CTR
Owner/Operator City,State,Zip: MIDLAND, MI 48674
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19800811
Handler Name: INSTA-FOAM PRODUCTS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120411
Handler Name: DOW CHEMICAL
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

**DOW CHEMICAL (Continued)** **1015731039**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900228
Handler Name: INSTA-FOAM PRODUCTS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020301
Handler Name: DOW CHEMICAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040301
Handler Name: DOW CHEMICAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060301
Handler Name: DOW CHEMICAL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

**DOW CHEMICAL (Continued)** **1015731039**

| | |
|---|---|
| Receive Date: | 20070301 |
| Handler Name: DOW CHEMICAL | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 32518 |
| NAICS Description: | OTHER BASIC INORGANIC CHEMICAL MANUFACTURING |
| NAICS Code: | 325991 |
| NAICS Description: | CUSTOM COMPOUNDING OF PURCHASED RESINS |

Has the Facility Received Notices of Violations:

| | |
|---|---|
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |

**DOW CHEMICAL (Continued)** **1015731039**

Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20040223
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: JXH
Evaluation Responsible Sub-Organization: F2
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

US INST CONTROLS:
Name: DOW CHEMICAL
Address: 2050 N BROADWAY
Address 2: Not reported
City,State,Zip: JOLIET, IL 60435
EPA ID: ILD043912922
Action Name: Not reported
Action ID: Not reported
Operable Unit: Not reported
Actual Date: Not reported
Contaminated Media: Not reported
Event Code: CA772PR
Contact Name: DAWN MCNAMARA
Contact Telephone: 815-476-1261
Event: INSTITUTIONAL CONTROLS ESTABLISHED-PROPRIETARY CONTROL
Federal Facility: Not reported
Fiscal Year: Not reported
NPL Status: Not reported
Superfund Alternative Agreement: Not reported
Latitude: Not reported
Longitude: Not reported

FINDS:
Registry ID: 110064147123

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
THE SUPERFUND ENTERPRISE MANAGEMENT SYSTEM (SEMS) INTEGRATES MULTIPLE LEGACY SYSTEMS INTO A COMPREHENSIVE TRACKING AND REPORTING TOOL, PROVIDING DATA ON THE INVENTORY OF ACTIVE AND ARCHIVED HAZARDOUS WASTE SITES EVALUATED BY THE SUPERFUND PROGRAM. IT CONTAINS SITES THAT ARE EITHER PROPOSED TO BE OR ARE ON THE NATIONAL PRIORITIES LIST (NPL) AS WELL AS SITES THAT ARE IN THE SCREENING AND ASSESSMENT PHASE FOR POSSIBLE INCLUSION ON THE NPL.

Click this hyperlink while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

**21**
**NE**
**1/2-1**
**0.513 mi.**
**2710 ft.**

**DOW CHEMICAL**
**2050 NORTH BROADWAY**
**CREST HILL, IL 60435**

**IL SSU** **1000395469**
**IL SRP** **N/A**

**Relative:**
**Lower**

**Actual:**
**585 ft.**

SSU:

| | |
|---|---|
| Name: | INSTA-FOAM PRODUCTS |
| Address: | 2050 NORTH BROADWAY |
| City,State,Zip: | CREST HILL, IL |
| Facility ID: | 1970455016 |
| Facility Type: | Mine - Quarry |
| Region: | Des Plaines |
| Current Program: | SRP |
| Project Manager: | Murphy |
| Community Relations: | Not reported |
| SSU Status: | Transferred |
| FOS: | NA |
| Year Completed: | Not reported |
| Site Size: | 9 |
| Lat/Long: | Not reported |

SRP:

| | |
|---|---|
| Name: | DOW CHEMICAL |
| Address: | 2050 NORTH BROADWAY |
| City,State,Zip: | CREST HILL, IL 60435 |
| IL EPA Id: | 1970455016 |
| US EPA Id: | ILD043912922 |
| Longitude: | -88.089066 |
| Latitude: | 41.561733 |
| Contact Name: | Timothy King |
| Contact Address: | 3200-3300 Kanawha Turnpike |
| Contact City,St,Zip: | South Charleston, WV 25303 |
| Date Enrolled: | 06/11/2004 |
| Point Of Contact: | Mara E. Hollinbeck |
| Consultant Company: | CH2M Hill |
| Consultant Address: | 8501 West Higgins Road |
| Consultant City,St,Zip: | Chicago, IL 60631 |
| Proj Mgr Assigned: | Tim Murphy |
| Sec. 4 Letter Date: | Not reported |
| Active: | No |
| Remediation Applicant Co: | The Dow Chemical Company |

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**22**
**ESE**
**1/2-1**
**0.806 mi.**
**4257 ft.**

**BLUESTONE SPECIALTY CHEMICALS, LLC**
**10 INDUSTRY AVE**
**JOLIET, IL 60435**

**SEMS-ARCHIVE** **1000344816**
**CORRACTS** **60435CPNRG10IND**
**RCRA-TSDF**
**RCRA-VSQG**
**US FIN ASSUR**
**2020 COR ACTION**
**TRIS**
**SSTS**
**NY MANIFEST**
**WI MANIFEST**

**Relative:**
**Lower**

**Actual:**
**552 ft.**

SEMS Archive:

| | |
|---|---|
| Site ID: | 0506372 |
| EPA ID: | ILD062480850 |
| Name: | ENTECH RECOVERY INCORPORATION |
| Address: | 10 INDUSTRY AVENUE |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Address 2: Not reported
City,State,Zip: JOLIET, IL 60435
Cong District: 04
FIPS Code: 17197
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 05
Site ID: 0506372
EPA ID: ILD062480850
Site Name: ENTECH RECOVERY INCORPORATION
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1990-10-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 05
Site ID: 0506372
EPA ID: ILD062480850
Site Name: ENTECH RECOVERY INCORPORATION
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1990-06-07 04:00:00
Finish Date: 1990-06-07 04:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 05
Site ID: 0506372
EPA ID: ILD062480850
Site Name: ENTECH RECOVERY INCORPORATION
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1990-10-01 04:00:00
Qual: N
Current Action Lead: St Perf

CORRACTS:
Name: BLUESTONE SPECIALTY CHEMICALS, LLC

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Address: 10 INDUSTRY AVE
Address 2: Not reported
EPA ID: ILD062480850
Area Name: ENTIRE FACILITY
Corrective Action: RFA COMPLETED
Actual Date: 19910402
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
Address 2: Not reported
EPA ID: ILD062480850
Area Name: ENTIRE FACILITY
Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
Actual Date: 19910402
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
Address 2: Not reported
EPA ID: ILD062480850
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date: 19910927
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
Address 2: Not reported
EPA ID: ILD062480850
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION MEASURES EVALUATION-FURTHER INVESTIGATION NECESSARY
Actual Date: 19920227
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
Address 2: Not reported
EPA ID: ILD062480850
Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION IMPOSITION
Actual Date: 19930927
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Surface Water Release Indicator: Y

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
Address 2: Not reported
EPA ID: ILD062480850
Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION WORKPLAN RECEIVED
Actual Date: 19940503
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
Address 2: Not reported
EPA ID: ILD062480850
Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION WORKPLAN MODIFICATION REQ BY AGENCY
Actual Date: 19950124
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
Address 2: Not reported
EPA ID: ILD062480850
Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION WORKPLAN APPROVED
Actual Date: 19940922
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
Address 2: Not reported
EPA ID: ILD062480850
Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION REPORT RECEIVED
Actual Date: 19971010
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
Address 2: Not reported
EPA ID: ILD062480850
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION MEASURES EVALUATION
Actual Date: 19940922

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
Address 2: Not reported
EPA ID: ILD062480850
Area Name: ENTIRE FACILITY
Corrective Action: CMS WORKPLAN APPROVED
Actual Date: 20211110
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Y

Click this hyperlink while viewing on your computer to access
9 additional CORRACTS: record(s) in the EDR Site Report.

RCRA TSDF:
Treatment Storage and Disposal Type: Storage
Full Enforcement Universe: Solid Waste Management Unit
Corrective Action Workload Universe: Yes
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Storage, Solid Waste Management Unit
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Solid Waste Management Unit
Operating TSDF Universe: Not reported
Commercial TSD Indicator: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Solid Waste Management Unit
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: Yes

Biennial: List of Years
Year: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20230302 |
| Handler Name: | Bluestone Specialty Chemicals, Llc |
| Handler Address: | INDUSTRY AVE |
| Handler City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |
| Contact Name: | TIMOTHY RACETTE |
| Contact Address: | INDUSTRY AVE |
| Contact City,State,Zip: | JOLIET, IL 60435 |
| Contact Telephone: | 815-727-3010 x103 |
| Contact Fax: | 815-727-7545 |
| Contact Email: | TIM.RACETTE@BLUESTONEMC.COM |
| Contact Title: | TECHNICAL MANAGER |
| EPA Region: | 05 |
| Land Type: | Private |
| Federal Waste Generator Description: | Conditionally Exempt Small Quantity Generator |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | Not reported |
| Accessibility: | Not reported |
| Active Site Indicator: | Handler Activities, Permitting Activities, Corrective Action Activities |
| State District Owner: | II |
| State District: | DESPLAINES |
| Mailing Address: | INDUSTRY AVE |
| Mailing City,State,Zip: | JOLIET, IL 60435 |
| Owner Name: | Specialty Metals Resources Usa Holdings Inc |
| Owner Type: | Private |
| Operator Name: | Steven Caraway |
| Operator Type: | Private |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Universal Waste Indicator: | No |
| Universal Waste Destination Facility: | No |
| Federal Universal Waste: | No |
| Active Site State-Reg Handler: | --- |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | Y |
| Sub-Part K Indicator: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Accomplished |
| 202 GPRA Corrective Action Baseline: | Yes |
| Subject to Corrective Action Universe: | Yes |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| Corrective Action Priority Ranking: | High |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | Yes |
| Groundwater Controls Indicator: | Yes |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Corrective Action |
| Handler Date of Last Change: | 20230303 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |
| Manifest Broker: | No |
| Sub-Part P Indicator: | No |

Biennial: List of Years
Year: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
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Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D004
Waste Description: Arsenic

Waste Code: D005
Waste Description: Barium

Waste Code: D006
Waste Description: Cadmium

Waste Code: D007
Waste Description: Chromium

Waste Code: D008
Waste Description: Lead

Waste Code: D010
Waste Description: Selenium

Waste Code: D011
Waste Description: Silver

Waste Code: D012
Waste Description: Endrin (1,2,3,4,10,10-Hexachloro-1,7-Epoxy-1,4,4a,5,6,7,8,8a-Octahydro-1,4-En do, Endo-5,8-Dimeth-Ano-Naphthalene)

Waste Code: F007
Waste Description: Spent Cyanide Plating Bath Solutions From Electroplating Operations.

Waste Code: F008
Waste Description: Plating Bath Residues From The Bottom Of Plating Baths From Electroplating Operations In Which Cyanides Are Used In The Process.

Waste Code: F009
Waste Description: Spent Stripping And Cleaning Bath Solutions From Electroplating Operations In Which Cyanides Are Used In The Process.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NAME NOT REPORTED

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: ADDRESS NOT REPORTED
Owner/Operator City,State,Zip: CITY NOT REPORTED, AK 99998
Owner/Operator Telephone: 312-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: APEX MATERIAL TECHNOLOGIES LLC
Legal Status: Private
Date Became Current: 20110228
Date Ended Current: Not reported
Owner/Operator Address: 10 INDUSTRY AVE
Owner/Operator City,State,Zip: JOLIET, IL 60435
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: APEX MATERIAL TECHNOLOGIES LLC
Legal Status: Private
Date Became Current: 20110301
Date Ended Current: Not reported
Owner/Operator Address: 10 INDUSTRY AVE
Owner/Operator City,State,Zip: JOLIET, IL 60435
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SPECIALTY METALS RESOURCES USA HOLDINGS INC
Legal Status: Private
Date Became Current: 20190430
Date Ended Current: Not reported
Owner/Operator Address: 109 CHUCKWOOD RD, SUITE 108
Owner/Operator City,State,Zip: MOORESVILLE, NC 28117
Owner/Operator Telephone: 704-662-8632
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ARTHUR@BLUESTONE.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: PHIBRO-TECH INC
Legal Status: Private
Date Became Current: 19880101
Date Ended Current: Not reported
Owner/Operator Address: 10 INDUSTRY AVE
Owner/Operator City,State,Zip: JOLIET, IL 60435
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: PHIBRO-TECH INC | |
| Legal Status: | Private |
| Date Became Current: | 19880101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: APEX MATERIALS TECHNOLOGIES LLC | |
| Legal Status: | Private |
| Date Became Current: | 20110630 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | 815-727-3010 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: APEX MATERIAL TECHNOLOGIES LLC | |
| Legal Status: | Private |
| Date Became Current: | 20110301 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: SPECIALTY METALS RESOURCES USA HOLDINGS INC | |
| Legal Status: | Private |
| Date Became Current: | 20190430 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 109 CHUCKWOOD RD, SUITE 108 |
| Owner/Operator City,State,Zip: | MOORESVILLE, NC 28117 |
| Owner/Operator Telephone: | 704-662-8632 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | ARTHUR@BLUESTONE.COM |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: PHIBRO-TECH INC | |
| Legal Status: | Private |
| Date Became Current: | 19880101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: APEX MATERIAL TECHNOLOGIES LLC
Legal Status: Private
Date Became Current: 20110228
Date Ended Current: Not reported
Owner/Operator Address: 10 INDUSTRY AVE
Owner/Operator City,State,Zip: JOLIET, IL 60435
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CP CHEMICAL
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: ADDRESS NOT REPORTED
Owner/Operator City,State,Zip: CITY NOT REPORTED, AK 99998
Owner/Operator Telephone: 312-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: APEX MATERIALS TECHNOLOGIES LLC
Legal Status: Private
Date Became Current: 20110630
Date Ended Current: Not reported
Owner/Operator Address: 10 INDUSTRY AVE
Owner/Operator City,State,Zip: JOLIET, IL 60435
Owner/Operator Telephone: 815-727-3010
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SPECIALTY METALS RESOURCES USA HOLDINGS INC
Legal Status: Private
Date Became Current: 20190430
Date Ended Current: Not reported
Owner/Operator Address: 109 CHUCKWOOD RD, SUITE 108
Owner/Operator City,State,Zip: MOORESVILLE, NC 28117
Owner/Operator Telephone: 704-662-8632
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ARTHUR@BLUESTONE.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: PHIBRO-TECH INC
Legal Status: Private
Date Became Current: 19980101
Date Ended Current: Not reported
Owner/Operator Address: 10 INDUSTRY AVENUE

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: PHIBRO-TECH INC | |
| Legal Status: | Private |
| Date Became Current: | 19880101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: PHIBRO-TECH INC | |
| Legal Status: | Private |
| Date Became Current: | 19880101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: APEX MATERIAL TECHNOLOGIES LLC | |
| Legal Status: | Private |
| Date Became Current: | 20110301 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: PHIBRO-TECH INC | |
| Legal Status: | Private |
| Date Became Current: | 19880101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: APEX MATERIAL TECHNOLOGIES LLC | |
| Legal Status: | Private |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Became Current: | 20110301 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: APEX MATERIAL TECHNOLOGIES LLC | |
| Legal Status: | Private |
| Date Became Current: | 20110301 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: APEX MATERIAL TECHNOLOGIES LLC | |
| Legal Status: | Private |
| Date Became Current: | 20110301 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: APEX MATERIAL TECHNOLOGIES LLC | |
| Legal Status: | Private |
| Date Became Current: | 20110301 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: PHIBRO-TECH INC | |
| Legal Status: | Private |
| Date Became Current: | 19880101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: PHIBRO-TECH INC | |
| Legal Status: | Private |
| Date Became Current: | 19880101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: PHIBRO-TECH INC | |
| Legal Status: | Private |
| Date Became Current: | 19880101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: APEX MATERIAL TECHNOLOGIES LLC | |
| Legal Status: | Private |
| Date Became Current: | 20110301 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

| | |
|---|---|
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: BLUESTONE SPECIALTY CHEMICALS LLC | |
| Legal Status: | Private |
| Date Became Current: | 20190430 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | 815-727-3010 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | 815-727-7545 |
| Owner/Operator Email: | DANIEL.HOLBERT@BLUESTONEMC.COM |

| | |
|---|---|
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: SPECIALTY METALS RESOURCES USA HOLDINGS INC | |
| Legal Status: | Private |
| Date Became Current: | 20190430 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 109 CHUCKWOOD RD, SUITE 108 |
| Owner/Operator City,State,Zip: | MOORESVILLE, NC 28117 |
| Owner/Operator Telephone: | 704-662-8632 |
| Owner/Operator Telephone Ext: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | ARTHUR@BLUESTONE.COM |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: | BLUESTONE SPECIALTY CHEMICALS LLC |
| Legal Status: | Private |
| Date Became Current: | 20190430 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | 815-727-3010 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | 815-727-7545 |
| Owner/Operator Email: | DANIEL.HOLBERT@BLUESTONEMC.COM |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: | PHIBRO-TECH INC |
| Legal Status: | Private |
| Date Became Current: | 19880101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: | PHIBRO-TECH INC |
| Legal Status: | Private |
| Date Became Current: | 19980101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVENUE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: | PHIBRO-TECH INC |
| Legal Status: | Private |
| Date Became Current: | 19880101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: | BLUESTONE SPECIALTY CHEMICALS LLC |
| Legal Status: | Private |
| Date Became Current: | 20190430 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | 815-727-3010 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | 815-727-7545 |
| Owner/Operator Email: | DANIEL.HOLBERT@BLUESTONEMC.COM |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: STEVEN CARAWAY | |
| Legal Status: | Private |
| Date Became Current: | 20201004 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | 815-727-3010 |
| Owner/Operator Telephone Ext: | 100 |
| Owner/Operator Fax: | 815-727-7545 |
| Owner/Operator Email: | STEVEN.CARAWAY@BLUESTONEMC.COM |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: PHIBRO-TECH INC | |
| Legal Status: | Private |
| Date Became Current: | 19880101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 10 INDUSTRY AVE |
| Owner/Operator City,State,Zip: | JOLIET, IL 60435 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |

Historic Generators:

| | |
|---|---|
| Receive Date: | 19801118 |
| Handler Name: PHIBRO TECH INC | |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |
| | |
| Receive Date: | 20100301 |
| Handler Name: PHIBRO-TECH INC | |
| Federal Waste Generator Description: | Conditionally Exempt Small Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Receive Date: | 20120301 |
| Handler Name: | APEX MATERIAL TECHNOLOGIES LLC |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 20120301 |
| Handler Name: | APEX MATERIAL TECHNOLOGIES LLC |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 20130301 |
| Handler Name: | APEX MATERIAL TECHNOLOGIES LLC |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 20160301 |
| Handler Name: | APEX MATERIAL TECHNOLOGIES LLC |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 20180301 |
| Handler Name: | APEX MATERIAL TECHNOLOGIES LLC |
| Federal Waste Generator Description: | Not a generator, verified |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200302
Handler Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: II
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210225
Handler Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: II
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220303
Handler Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: II
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20091228
Handler Name: PHIBRO-TECH INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100106
Handler Name: PHIBRO-TECH INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20110314
Handler Name: APEX MATERIAL TECHNOLGIES LLC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20111004
Handler Name: APEX MATERIAL TECHNOLGIES LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800819
Handler Name: PHIBRO TECH INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20110214
Handler Name: APEX MATERIAL TECHNOLGIES LLC

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 20230302 |
| Handler Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |
| Federal Waste Generator Description: | Conditionally Exempt Small Quantity Generator |
| State District Owner: | II |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |

| | |
|---|---|
| Receive Date: | 19900420 |
| Handler Name: | ENTECH RECOVERY INC |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 19920301 |
| Handler Name: | C P INORGANICS |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 19940301 |
| Handler Name: | PHIBRO-TECH INC |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |
| | |
| Receive Date: | 19960301 |
| Handler Name: PHIBRO-TECH INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |
| | |
| Receive Date: | 19980301 |
| Handler Name: PHIBRO-TECH INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |
| | |
| Receive Date: | 20000301 |
| Handler Name: PHIBRO-TECH INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |
| | |
| Receive Date: | 20020301 |
| Handler Name: PHIBRO-TECH INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Receive Date: | 20040301 |
| Handler Name: PHIBRO-TECH INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 20060301 |
| Handler Name: PHIBRO-TECH INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 20080301 |
| Handler Name: PHIBRO-TECH INC | |
| Federal Waste Generator Description: | Conditionally Exempt Small Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 32518 |
| NAICS Description: | OTHER BASIC INORGANIC CHEMICAL MANUFACTURING |
| NAICS Code: | 325180 |
| NAICS Description: | OTHER BASIC INORGANIC CHEMICAL MANUFACTURING |
| NAICS Code: | 325188 |
| NAICS Description: | ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING |
| NAICS Code: | 325199 |
| NAICS Description: | ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING |

Has the Facility Received Notices of Violations:

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TCB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19891229
Actual Return to Compliance Date: 19900719
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19900330
Enforcement Identifier: DV1
Date of Enforcement Action: 19900215
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILJM
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 19920424 |
| Actual Return to Compliance Date: | 19940505 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LS1 |
| Date of Enforcement Action: | 19920512 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | ILAV |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |
| Date Violation was Determined: | 20011210 |
| Actual Return to Compliance Date: | 20020709 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20020304 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: JXH
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 19891229
Actual Return to Compliance Date: 19900606
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19900315
Enforcement Identifier: DV1
Date of Enforcement Action: 19900215
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILJM
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Permit Condition or Requirement

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20011210 |
| Actual Return to Compliance Date: | 20020709 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20020304 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | JXH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - Records/Reporting |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900606 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900315 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900719 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 19911029 |
| Actual Return to Compliance Date: | 19920512 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 19911118 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | ILAV |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900719 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - General |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900829 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900315 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |
| Date Violation was Determined: | 20011210 |
| Actual Return to Compliance Date: | 20020709 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20020304 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | JXH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - General |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900829 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900315 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Permits - Conditions |
| Date Violation was Determined: | 20031021 |
| Actual Return to Compliance Date: | 20040115 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20031110 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | JXH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Permits - Conditions |
| Date Violation was Determined: | 20031021 |
| Actual Return to Compliance Date: | 20040115 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20031110 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | JXH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900719 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900719 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: TCB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 151603
Paid Amount: 151603
Final Count: 1
Final Amount: 151603

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20060712
Actual Return to Compliance Date: 20081003
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 20080915
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Rcra-05-08-0014
Enforcement Attorney: TREVI
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: TCB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 151603
Paid Amount: 151603
Final Count: 1
Final Amount: 151603

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Permit Condition or Requirement

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20031021 |
| Actual Return to Compliance Date: | 20040115 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20031110 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | JXH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900719 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Preparedness and Prevention |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900413 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General Facility Standards |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900412 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900315 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900719 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20040811 |
| Actual Return to Compliance Date: | 20060327 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900719 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Preparedness and Prevention |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900719 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Permits - Application |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20011210 |
| Actual Return to Compliance Date: | 20020709 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20020304 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | JXH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Manifest/Records/Reporting |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900427 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 20011210 |
| Actual Return to Compliance Date: | 20020709 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20020304 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | JXH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - General |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 19990527 |
| Actual Return to Compliance Date: | 19990706 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19990607 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | ILJH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900719 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900719 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |
| Date Violation was Determined: | 19940308 |
| Actual Return to Compliance Date: | 19951219 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19940505 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | ILAV |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Manifest/Records/Reporting |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900427 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - General |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900829 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900315 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |

| | |
|---|---|
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900719 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | LDR - General |
| Date Violation was Determined: | 19990527 |
| Actual Return to Compliance Date: | 19990706 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19990607 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | ILJH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Manifest/Records/Reporting |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900413 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - Pre-transport |
| Date Violation was Determined: | 19991025 |
| Actual Return to Compliance Date: | 19991025 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | FINAL 3008(A) COMPLIANCE ORDER |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | 151603 |
| Paid Amount: | 151603 |
| Final Count: | 1 |
| Final Amount: | 151603 |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 19891229 |
| Actual Return to Compliance Date: | 19900719 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19900330 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19900215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJM |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20030923 |
| Actual Return to Compliance Date: | 20040811 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20031017 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | BOH |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20070105 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General Facility Standards |
| Date Violation was Determined: | 19990527 |
| Actual Return to Compliance Date: | 19990706 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19990607 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | ILJH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |
| Date Violation was Determined: | 19911108 |
| Actual Return to Compliance Date: | 19920123 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 003 |
| Date of Enforcement Action: | 19920123 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | EPA |
| Violation Short Description: | Permit Condition or Requirement |
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: TCB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 151603
Paid Amount: 151603
Final Count: 1
Final Amount: 151603

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Permit Condition or Requirement
Date Violation was Determined: 20060712
Actual Return to Compliance Date: 20081003
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070105
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TCB
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Permit Condition or Requirement

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Date Violation was Determined: | 20060712 |
| Actual Return to Compliance Date: | 20081003 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | EPA |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | 001 |
| Date of Enforcement Action: | 20080915 |
| Enforcement Responsible Agency: | EPA |
| Enforcement Docket Number: | Rcra-05-08-0014 |
| Enforcement Attorney: | TREVI |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | INITIAL 3008(A) COMPLIANCE |
| Enforcement Responsible Person: | TCB |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | 151603 |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19911029
Actual Return to Compliance Date: 19920512
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 19911118
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: ILAV
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20060712
Evaluation Responsible Agency: EPA

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20060327 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | Not reported |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19900613 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19951213 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | ILAV |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20111004 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20020603 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19900619 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19951117 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILWW |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19920424 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | ILAV |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 19940505 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20110628 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | RLM |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20011210 |
| Evaluation Responsible Agency: | State |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20020709 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19900330 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE SCHEDULE EVALUATION |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900606 |
| Scheduled Compliance Date: | 19900315 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20020325 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20020709 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891229 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900606 |
| Scheduled Compliance Date: | 19900315 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891229 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19911029 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | ILAV |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 19920512 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Evaluation Date: | 19971022 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20011002 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FOCUSED COMPLIANCE INSPECTION |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19891229 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19900613 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILJM |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900829 |
| Scheduled Compliance Date: | 19900315 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20020325 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20020709 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891229 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900829 |
| Scheduled Compliance Date: | 19900315 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20031021 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20040115 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20031021 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20040115 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20161107 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | RLM |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19940110 |
| Evaluation Responsible Agency: | EPA Contractor/Grantee |
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | R5ATW |
| Evaluation Responsible Sub-Organization: | RE |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19900330 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE SCHEDULE EVALUATION |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Evaluation Date: | 20230511 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | DB |
| Evaluation Responsible Sub-Organization: | R5 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19900330 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE SCHEDULE EVALUATION |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20031021 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20040115 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19900330 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE SCHEDULE EVALUATION |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20110214 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | RLM |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891229 |
| Evaluation Responsible Agency: | State |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900413 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20040811 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | Not reported |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19891229 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900412 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Scheduled Compliance Date: | 19900315 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20100713 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Evaluation Date: | 20230410 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | DB |
| Evaluation Responsible Sub-Organization: | R5 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19891229 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20040811 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | BAA |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20060327 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080317 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | RLM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19900330 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE SCHEDULE EVALUATION |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19900330 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE SCHEDULE EVALUATION |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20011210 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20020709 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891229 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900427 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20011210 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20020709 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19990527 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19990706 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891229 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891229 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19940308 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | ILAV |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 19951219 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19931123 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19900330 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE SCHEDULE EVALUATION |
| Evaluation Responsible Person Identifier: | ILJM |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900427 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20040114 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19900330 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE SCHEDULE EVALUATION |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900829 |
| Scheduled Compliance Date: | 19900315 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 20140226 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | RLM |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 20100818 |
| Evaluation Responsible Agency: | State |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Found Violation: | No |
| Evaluation Type Description: | FOCUSED COMPLIANCE INSPECTION |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080610 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | RLM |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19900613 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19990527 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19990706 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060324 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | RLM |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891229 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900413 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Evaluation Date: | 19991025 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19991025 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19980429 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | ILKB |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19900613 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900719 |
| Scheduled Compliance Date: | 19900330 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20030923 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | BOH |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20040811 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19990527 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19990706 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20000208 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | ILBH |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19911108 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19920123 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080915 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080709 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20070116 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20060712 |
| Evaluation Responsible Agency: | EPA |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TCB |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 20081003 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20170725 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | RLM |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19911029 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | ILAV |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 19920512 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

US FIN ASSUR:

| | |
|---|---|
| Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |
| County: | Not reported |
| Mechanism type: | B |
| Mechanism Type Description: | SURETY BOND GUARANTEEING PAYMENTS TO A TRUST FUND |
| Cost estimate: | 466000 |
| Face value: | 874873 |
| Effective date: | 2023-05-01 00:00:00 |
| Provider: | ATLANTIC SPECIALTY INSURANCE COMPANY |
| EPA region: | 5 |

| | |
|---|---|
| Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |
| County: | Not reported |
| Mechanism type: | L |
| Mechanism Type Description: | LETTER OF CREDIT |
| Cost estimate: | 130200 |
| Face value: | 0 |
| Effective date: | 2017-06-01 00:00:00 |
| Provider: | BANK OF AMERICA |
| EPA region: | 5 |

| | |
|---|---|
| Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |
| County: | Not reported |
| Mechanism type: | X |
| Mechanism Type Description: | STANDBY TRUST FUND |
| Cost estimate: | 130200 |
| Face value: | 0 |
| Effective date: | 2004-03-15 00:00:00 |
| Provider: | WACHOVIA BANK, N.A. |
| EPA region: | 5 |

| | |
|---|---|
| Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |
| County: | Not reported |
| Mechanism type: | I |
| Mechanism Type Description: | INSURANCE |
| Cost estimate: | 0 |
| Face value: | 0 |
| Effective date: | 2012-04-09 00:00:00 |
| Provider: | ILLINOIS UNION INSURANCE COMPANY |
| EPA region: | 5 |

| | |
|---|---|
| Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

County: Not reported
Mechanism type: L
Mechanism Type Description: LETTER OF CREDIT
Cost estimate: 0
Face value: 0
Effective date: 2012-06-05 00:00:00
Provider: BANK OF AMERICA
EPA region: 5

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
City,State,Zip: JOLIET, IL 60435
EPA ID: ILD062480850
County: Not reported
Mechanism type: X
Mechanism Type Description: STANDBY TRUST FUND
Cost estimate: 103059.21
Face value: 0
Effective date: 2004-03-15 00:00:00
Provider: WACHOVIA BANK, N.A.
EPA region: 5

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
City,State,Zip: JOLIET, IL 60435
EPA ID: ILD062480850
County: Not reported
Mechanism type: B
Mechanism Type Description: SURETY BOND GUARANTEEING PAYMENTS TO A TRUST FUND
Cost estimate: 103059.21
Face value: 149444.72
Effective date: 2017-05-19 00:00:00
Provider: ATLANTIC SPECIALTY INSURANCE COMPANY
EPA region: 5

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
City,State,Zip: JOLIET, IL 60435
EPA ID: ILD062480850
County: Not reported
Mechanism type: L
Mechanism Type Description: LETTER OF CREDIT
Cost estimate: 527268
Face value: 0
Effective date: 2012-06-05 00:00:00
Provider: BANK OF AMERICA
EPA region: 5

Name: BLUESTONE SPECIALTY CHEMICALS, LLC
Address: 10 INDUSTRY AVE
City,State,Zip: JOLIET, IL 60435
EPA ID: ILD062480850
County: Not reported
Mechanism type: X
Mechanism Type Description: STANDBY TRUST FUND
Cost estimate: 527268
Face value: 0

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Effective date: | 2004-03-15 00:00:00 |
| Provider: | WACHOVIA BANK, N.A. |
| EPA region: | 5 |
| | |
| Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |
| County: | Not reported |
| Mechanism type: | B |
| Mechanism Type Description: | SURETY BOND GUARANTEEING PAYMENTS TO A TRUST FUND |
| Cost estimate: | 182516.42 |
| Face value: | 817638 |
| Effective date: | 2022-05-20 00:00:00 |
| Provider: | ATLANTIC SPECIALTY INSURANCE COMPANY |
| EPA region: | 5 |
| | |
| Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |
| County: | Not reported |
| Mechanism type: | B |
| Mechanism Type Description: | SURETY BOND GUARANTEEING PAYMENTS TO A TRUST FUND |
| Cost estimate: | 182516.42 |
| Face value: | 817638 |
| Effective date: | 2023-05-01 00:00:00 |
| Provider: | ATLANTIC SPECIALTY INSURANCE COMPANY |
| EPA region: | 5 |
| | |
| Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |
| County: | Not reported |
| Mechanism type: | B |
| Mechanism Type Description: | SURETY BOND GUARANTEEING PAYMENTS TO A TRUST FUND |
| Cost estimate: | 466000 |
| Face value: | 149444.72 |
| Effective date: | 2017-05-19 00:00:00 |
| Provider: | ATLANTIC SPECIALTY INSURANCE COMPANY |
| EPA region: | 5 |
| | |
| Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |
| County: | Not reported |
| Mechanism type: | I |
| Mechanism Type Description: | INSURANCE |
| Cost estimate: | 2000000 |
| Face value: | 0 |
| Effective date: | 2012-04-09 00:00:00 |
| Provider: | ILLINOIS UNION INSURANCE COMPANY |
| EPA region: | 5 |
| | |
| Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |
| County: | Not reported |
| Mechanism type: | L |
| Mechanism Type Description: | LETTER OF CREDIT |
| Cost estimate: | 100630 |
| Face value: | 0 |
| Effective date: | 2017-06-01 00:00:00 |
| Provider: | BANK OF AMERICA |
| EPA region: | 5 |

| | |
|---|---|
| Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |
| County: | Not reported |
| Mechanism type: | X |
| Mechanism Type Description: | STANDBY TRUST FUND |
| Cost estimate: | 100630 |
| Face value: | 0 |
| Effective date: | 2004-03-15 00:00:00 |
| Provider: | WACHOVIA BANK, N.A. |
| EPA region: | 5 |

| | |
|---|---|
| Name: | BLUESTONE SPECIALTY CHEMICALS, LLC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| EPA ID: | ILD062480850 |
| County: | Not reported |
| Mechanism type: | B |
| Mechanism Type Description: | SURETY BOND GUARANTEEING PAYMENTS TO A TRUST FUND |
| Cost estimate: | 182516.42 |
| Face value: | 874873 |
| Effective date: | 2023-05-01 00:00:00 |
| Provider: | ATLANTIC SPECIALTY INSURANCE COMPANY |
| EPA region: | 5 |

2020 COR ACTION:

| | |
|---|---|
| EPA ID: | ILD062480850 |
| Region: | 5 |
| Action: | Not reported |

Facility, Chemical, Releases and Other Waste Management Summary Information:

| | |
|---|---|
| TRI ID: | 60435CPNRG10IND |
| Form Type: | Form A Certification Statement |
| Reporting year: | 2021 |
| Trade secret indicator: | NO |
| Sanitized indicator: | NO |
| Title of certifying official: | TECHNICAL MANAGER TIMOTHY RACETTE |
| Certifying officials signature indicator: | ELECTRONIC |
| Date signed: | 2022-07-01 |
| Name: | BLUESTONE SPECIALTY CHEMICALS LLC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| BIA code: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Tribe name: | Not reported |
| Mailing name: | BLUESTONE SPECIALTY CHEMICALS LLC |
| Mailing street: | 10 INDUSTRY AVE |
| Mailing province: | Not reported |
| Mailing City,State,Zip: | JOLIET, IL 60435 |
| Entire facility ind: | YES |
| Partial facility ind: | NO |
| Federal facility ind: | NO |
| Goco facility ind: | NO |
| Assigned fed facility flag: | NO |
| Public contact name: | TIMOTHY RACETTE |
| Public contact phone and Ext: | 8157273010 224 |
| Public contact email: | TIM.RACETTE@BLUESTONEMC.COM |
| Primary sic code: | Not reported |
| Sic code 2: | Not reported |
| Sic code 3: | Not reported |
| Sic code 4: | Not reported |
| Sic code 5: | Not reported |
| Sic code 6: | Not reported |
| Naics origin: | Not reported |
| Primary naics code: | 325180 |
| Naics code 2: | Not reported |
| Naics code 3: | Not reported |
| Naics code 4: | Not reported |
| Naics code 5: | Not reported |
| Naics code 6: | Not reported |
| Latitude: | 41.55022 |
| Longitude: | -88.08273 |
| D and B number A: | 017623413 |
| D and B number B: | Not reported |
| RCRA number A: | ILD062480850 |
| RCRA number B: | Not reported |
| RCRA number C: | Not reported |
| RCRA number D: | Not reported |
| RCRA number E: | Not reported |
| RCRA number F: | Not reported |
| RCRA number G: | Not reported |
| RCRA number H: | Not reported |
| NPDES number A: | Not reported |
| NPDES number B: | Not reported |
| NPDES number C: | Not reported |
| NPDES number D: | Not reported |
| NPDES number E: | Not reported |
| NPDES number F: | Not reported |
| NPDES number G: | Not reported |
| Parent company name: | Not reported |
| Parent company D and B number: | Not reported |
| Standardized parent company name: | SPECIALTY METALS RESOURCES USA HOLDING INC |
| Document control number: | 1321220485332 |
| TRI ID: | 60435CPNRG10IND |
| Cas number: | N495 |
| Chemical name: | Nickel compounds |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Metal ind: | YES |
| Revision code 1: | Not reported |
| Revision code 2: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Maximum amount on site: | Not reported |
| Fugitive air emissions - total release pounds: | Not reported |
| Fugitive air emissions - total release range code: | Not reported |
| Total fugitive air emissions: | 0 |
| Fugitive air emissions - basis of estimate: | Not reported |
| Stack air emissions - release pounds: | Not reported |
| Stack air emissions - release range code: | Not reported |
| Total stack air emissions: | 0 |
| Stack air emissions - basis of estimate: | Not reported |
| Total air emissions: | Not reported |
| Discharges to stream a - stream name: | Not reported |
| Total discharges to stream a: | Not reported |
| Discharges to stream a - basis of estimate: | Not reported |
| Discharges to stream a - % from stormwater: | Not reported |
| Discharges to stream b - stream name: | Not reported |
| Total discharges to stream b: | Not reported |
| Discharges to stream b - basis of estimate: | Not reported |
| Discharges to stream b - % from stormwater: | Not reported |
| Discharges to stream c - stream name: | Not reported |
| Total discharges to stream c: | Not reported |
| Discharges to stream c - basis of estimate: | Not reported |
| Discharges to stream c - % from stormwater: | Not reported |
| Discharges to stream d - stream name: | Not reported |
| Total discharges to stream d: | Not reported |
| Discharges to stream d - basis of estimate: | Not reported |
| Discharges to stream d - % from stormwater: | Not reported |
| Discharges to stream e - stream name: | Not reported |
| Total discharges to stream e: | Not reported |
| Discharges to stream e - basis of estimate: | Not reported |
| Discharges to stream e - % from stormwater: | Not reported |
| Discharges to stream f - stream name: | Not reported |
| Total discharges to stream f: | Not reported |
| Discharges to stream f - basis of estimate: | Not reported |
| Discharges to stream f - % from stormwater: | Not reported |
| Discharges to stream g - stream name: | Not reported |
| Total discharges to stream g: | Not reported |
| Discharges to stream g - basis of estimate: | Not reported |
| Discharges to stream g - % from stormwater: | Not reported |
| Discharges to stream h - stream name: | Not reported |
| Discharges to stream h - release pounds: | Not reported |
| Discharges to stream h - release range code: | Not reported |
| Total discharges to stream h: | Not reported |
| Discharges to stream h - basis for estimate: | Not reported |
| Discharges to stream h - % from stormwater: | Not reported |
| Total number of receiving streams: | 0 |
| Total surface water discharge: | 0 |
| Total on-site underground inj - pounds: | Not reported |
| On-site underground inj - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl i wells - pounds: | Not reported |
| On-site underground inj to c1 i wells - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl ii-v wells - pounds: | Not reported |
| On-site ungrnd inj to cl ii-v wells - basis of estimate: | Not reported |
| Total on-site underground injection: | Not reported |
| Total on-site landfills: | Not reported |
| On-site landfills - basis of estimate: | Not reported |
| Total on-site RCRA subtitle c landfills: | Not reported |
| On-site RCRA subtitle c landfills - basis of estimate: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Total other on-site landfills: | Not reported |
| Other landfills - basis of estimate: | Not reported |
| Total on-site land treatment: | Not reported |
| Land trtmt/appl farming - basis of estimate: | Not reported |
| Total surface impoundments: | Not reported |
| Surface impoundment - basis of estimate: | Not reported |
| Total RCRA c surface impoundments: | Not reported |
| RCRA c Surface impoundment - basis of estimate: | Not reported |
| Total other surface impoundments: | Not reported |
| Other surface impoundment - basis of estimate: | Not reported |
| Total other disposal: | Not reported |
| Other disposal - basis of estimate: | Not reported |
| Total on-site land releases: | Not reported |
| Total on-site releases: | Not reported |
| Off-site - POTW releases: | 0 |
| Off-site - storage only: | 0 |
| Off-site - solid/stab - metals: | 0 |
| Off-site - wastewater treatment release - metals: | 0 |
| Off-site - solid/stab - release - metals: | 0 |
| Off-site - wastewater treatment - metals: | 0 |
| Off-site - underground injection: | 0 |
| Off-site - underground injection - class 1 wells: | 0 |
| Off-site - underground injection - class ii-v wells: | 0 |
| Off-site - landfills/disposal surface impoundments: | 0 |
| Off-site - surface impoundment: | 0 |
| Off-site - RCRA subtitle c surface impoundments: | 0 |
| Off-site - other surface impoundments: | 0 |
| Off-site - other landfills: | 0 |
| Off-site - RCRA subtitle c landfills: | 0 |
| Off-site - disposal - land treatment: | 0 |
| Off-site - disposal - other land disposal: | 0 |
| Off-site - disposal - other off-site management: | 0 |
| Off-site - disposal - transfer to waste broker: | 0 |
| Off-site - disposal - unknown: | 0 |
| Total transferred off site for disposal: | 0 |
| Off-site - recycling - solvents/organics recovery: | 0 |
| Off-site - recycling -metals recovery: | 0 |
| Off-site - recycling - other reuse or recovery: | 0 |
| Off-site - recycling - acid regeneration: | 0 |
| Off-site - recycling - transfer to waste broker: | 0 |
| Total transferred off site for recycling: | 0 |
| Off-site - energy recovery: | 0 |
| Off-site - transfer to waste broker for energy recovery: | 0 |
| Total transferred off site for energy recovery: | 0 |
| Off-site - POTW treatment: | 0 |
| Off-site - solid/stab treatment - non metals: | 0 |
| Off-site -incineration/thermal treatment: | 0 |
| Off-site - incineration/insignificant heat value: | 0 |
| Off-site - wastewater treatment - non-metals: | 0 |
| Off-site - other waste treatment: | 0 |
| Off-site - transfer to waste broker - waste treatment: | 0 |
| Total transferred off site for treatment: | 0 |
| Off-site - transfer to waste broker: | 0 |
| Total transferred off site for further waste management: | 0 |
| Total POTW transfer: | 0 |
| Energy recovery on site current year: | 0 |
| Recycled on site current year: | 0 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Treated on site current year: | 0 |
| Total on-site waste management: | 0 |
| On-site energy recovery method 1: | Not reported |
| On-site energy recovery method 2: | Not reported |
| On-site energy recovery method 3: | Not reported |
| On-site energy recovery method 4: | Not reported |
| On-site recycling processes method 1: | Not reported |
| On-site recycling processes method 2: | Not reported |
| On-site recycling processes method 3: | Not reported |
| On-site recycling processes method 4: | Not reported |
| On-site recycling processes method 5: | Not reported |
| On-site recycling processes method 6: | Not reported |
| On-site recycling processes method 7: | Not reported |
| FRS Facility ID: | 110018283034 |
| Elemental Metal Included: | NO |
| Waste Rock Pile managed Indicator: | 0 |
| Waste Rock Quantity: | Not reported |
| Off Site - POTW Releases 81C: | 0 |
| Off Site - POTW Releases 81D: | 0 |
| Assigned Partial Facility Flag: | NO |
| Case Number: | N495 |
| Mixture Name: | NA |
| Clean Air Act Ind: | YES |
| Carcinogen Ind: | YES |
| PFAS Ind: | NO |

Chemical Activities and Uses:

| | |
|---|---|
| Cas number: | N495 |
| Document control number: | 1321220485332 |
| Chemical name: | Nickel compounds |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Produce the chemical: | No |
| Import the chemical: | No |
| On-site use of the chemical: | No |
| Sale or distribution of the chemical: | No |
| As a byproduct: | No |
| As a manufactured impurity: | No |
| Used as a reactant: | No |
| P101 feedstocks: | Not reported |
| P102 raw materials: | Not reported |
| P103 intermediates: | Not reported |
| P104 initiators: | Not reported |
| P199 other: | Not reported |
| Added as a formulation component: | No |
| P201 additives: | Not reported |
| P202 dyes: | Not reported |
| P203 reaction diluents: | Not reported |
| P204 initiators: | Not reported |
| P205 solvents: | Not reported |
| P206 inhibitors: | Not reported |
| P207 emulsifiers: | Not reported |
| P208 surfactants: | Not reported |
| P209 lubricants: | Not reported |
| P210 flame retardants: | Not reported |
| P211 rheological modifiers: | Not reported |
| P299 other: | Not reported |
| Used as an article component: | No |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Repackaging: | No |
| As a process impurity: | No |
| Processed / recycling: | No |
| Used as a chemical processing aid: | No |
| Z101 process solvents: | Not reported |
| Z102 catalysts: | Not reported |
| Z103 inhibitors: | Not reported |
| Z104 initiators: | Not reported |
| Z105 reaction terminators: | Not reported |
| Z106 solution buffers: | Not reported |
| Z199 other: | Not reported |
| Used as a manufacturing aid: | No |
| Z201 process lubricants: | Not reported |
| Z202 metalworking fluids: | Not reported |
| Z203 coolants: | Not reported |
| Z204 refrigerants: | Not reported |
| Z205 hydraulic fluids: | Not reported |
| Z299 other: | Not reported |
| Ancillary or other use: | No |
| Z301 cleaner: | Not reported |
| Z302 degreaser: | Not reported |
| Z303 lubricant: | Not reported |
| Z304 fuel: | Not reported |
| Z305 flame retardant: | Not reported |
| Z306 waste treatment: | Not reported |
| Z307 water treatment: | Not reported |
| Z308 construction materials: | Not reported |
| Z399 other: | Not reported |

| | |
|---|---|
| Submitted Facility Name: | BLUESTONE SPECIALTY CHEMICALS LLC |
| Submitted Street: | 10 INDUSTRY AVE |
| Submitted City: | JOLIET |
| Submitted County: | WILL |
| Submitted State: | IL |
| Submitted Zip Code: | 60435 |
| Submitted BIA Code: | Not reported |
| Submitted Tribe Name: | Not reported |
| Submitted Parent Company Name: | Not reported |
| Submitted Parent Company DB Number: | Not reported |
| Submitted Standardized Parent Company Name: | SPECIALTY METALS RESOURCES USA HOLDING INC |
| Submitted Primary NAICS Code: | 325180 |
| Submitted Industry Code: | 325 |
| Submitted Industry Name: | Chemicals |
| Industry Code: | 325 |
| Industry Name: | Chemicals |
| Last year the facility reported: | 2021 |
| First year the facility reported: | 1987 |
| Number of forms submitted: | 5 |
| Total number of forms submitted: | 197 |
| Assigned Agency: | Not reported |

Detailed On-site Waste Treatment Methods and Efficiency:

| | |
|---|---|
| Cas number: | N495 |
| Document control number: | 1321220485332 |
| Chemical name: | Nickel compounds |
| Classification: | TRI |
| Unit of measure: | Pounds |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Stream 1 - waste stream code: | Not reported |
| Stream 1 - trtmt method - sequence 1: | Not reported |
| Stream 1 - trtmt method - sequence 2: | Not reported |
| Stream 1 - trtmt method - sequence 3: | Not reported |
| Stream 1 - trtmt method - sequence 4: | Not reported |
| Stream 1 - trtmt method - sequence 5: | Not reported |
| Stream 1 - trtmt method - sequence 6: | Not reported |
| Stream 1 - trtmt method - sequence 7: | Not reported |
| Stream 1 - trtmt method - sequence 8: | Not reported |
| Stream 1 - based on operating data: | Not reported |
| Stream 2 - waste stream code: | Not reported |
| Stream 2 - trtmt method - sequence 1: | Not reported |
| Stream 2 - trtmt method - sequence 2: | Not reported |
| Stream 2 - trtmt method - sequence 3: | Not reported |
| Stream 2 - trtmt method - sequence 4: | Not reported |
| Stream 2 - trtmt method - sequence 5: | Not reported |
| Stream 2 - trtmt method - sequence 6: | Not reported |
| Stream 2 - trtmt method - sequence 7: | Not reported |
| Stream 2 - trtmt method - sequence 8: | Not reported |
| Stream 2 - based on operating data: | Not reported |
| Stream 3 - waste stream code: | Not reported |
| Stream 3 - trtmt method - sequence 1: | Not reported |
| Stream 3 - trtmt method - sequence 2: | Not reported |
| Stream 3 - trtmt method - sequence 3: | Not reported |
| Stream 3 - trtmt method - sequence 4: | Not reported |
| Stream 3 - trtmt method - sequence 5: | Not reported |
| Stream 3 - trtmt method - sequence 6: | Not reported |
| Stream 3 - trtmt method - sequence 7: | Not reported |
| Stream 3 - trtmt method - sequence 8: | Not reported |
| Stream 3 - based on operating data: | Not reported |
| Stream 4 - waste stream code: | Not reported |
| Stream 4 - trtmt method - sequence 1: | Not reported |
| Stream 4 - trtmt method - sequence 2: | Not reported |
| Stream 4 - trtmt method - sequence 3: | Not reported |
| Stream 4 - trtmt method - sequence 4: | Not reported |
| Stream 4 - trtmt method - sequence 5: | Not reported |
| Stream 4 - trtmt method - sequence 6: | Not reported |
| Stream 4 - trtmt method - sequence 7: | Not reported |
| Stream 4 - trtmt method - sequence 8: | Not reported |
| Stream 4 - based on operating data: | Not reported |
| Stream 5 - waste stream code: | Not reported |
| Stream 5 - trtmt method - sequence 1: | Not reported |
| Stream 5 - trtmt method - sequence 2: | Not reported |
| Stream 5 - trtmt method - sequence 3: | Not reported |
| Stream 5 - trtmt method - sequence 4: | Not reported |
| Stream 5 - trtmt method - sequence 5: | Not reported |
| Stream 5 - trtmt method - sequence 6: | Not reported |
| Stream 5 - trtmt method - sequence 7: | Not reported |
| Stream 5 - trtmt method - sequence 8: | Not reported |
| Stream 5 - based on operating data: | Not reported |

| | | |
|---|---|---|
| TRI ID: | | 60435CPNRG10IND |
| Cas number: | | 0007697372 |
| Chemical name: | Nitric acid | |
| Classification: | | TRI |
| Unit of measure: | | Pounds |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Metal ind: | NO |
| Revision code 1: | Not reported |
| Revision code 2: | Not reported |
| Maximum amount on site: | Not reported |
| Fugitive air emissions - total release pounds: | Not reported |
| Fugitive air emissions - total release range code: | Not reported |
| Total fugitive air emissions: | 0 |
| Fugitive air emissions - basis of estimate: | Not reported |
| Stack air emissions - release pounds: | Not reported |
| Stack air emissions - release range code: | Not reported |
| Total stack air emissions: | 0 |
| Stack air emissions - basis of estimate: | Not reported |
| Total air emissions: | Not reported |
| Discharges to stream a - stream name: | Not reported |
| Total discharges to stream a: | Not reported |
| Discharges to stream a - basis of estimate: | Not reported |
| Discharges to stream a - % from stormwater: | Not reported |
| Discharges to stream b - stream name: | Not reported |
| Total discharges to stream b: | Not reported |
| Discharges to stream b - basis of estimate: | Not reported |
| Discharges to stream b - % from stormwater: | Not reported |
| Discharges to stream c - stream name: | Not reported |
| Total discharges to stream c: | Not reported |
| Discharges to stream c - basis of estimate: | Not reported |
| Discharges to stream c - % from stormwater: | Not reported |
| Discharges to stream d - stream name: | Not reported |
| Total discharges to stream d: | Not reported |
| Discharges to stream d - basis of estimate: | Not reported |
| Discharges to stream d - % from stormwater: | Not reported |
| Discharges to stream e - stream name: | Not reported |
| Total discharges to stream e: | Not reported |
| Discharges to stream e - basis of estimate: | Not reported |
| Discharges to stream e - % from stormwater: | Not reported |
| Discharges to stream f - stream name: | Not reported |
| Total discharges to stream f: | Not reported |
| Discharges to stream f - basis of estimate: | Not reported |
| Discharges to stream f - % from stormwater: | Not reported |
| Discharges to stream g - stream name: | Not reported |
| Total discharges to stream g: | Not reported |
| Discharges to stream g - basis of estimate: | Not reported |
| Discharges to stream g - % from stormwater: | Not reported |
| Discharges to stream h - stream name: | Not reported |
| Discharges to stream h - release pounds: | Not reported |
| Discharges to stream h - release range code: | Not reported |
| Total discharges to stream h: | Not reported |
| Discharges to stream h - basis for estimate: | Not reported |
| Discharges to stream h - % from stormwater: | Not reported |
| Total number of receiving streams: | 0 |
| Total surface water discharge: | 0 |
| Total on-site underground inj - pounds: | Not reported |
| On-site underground inj - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl i wells - pounds: | Not reported |
| On-site underground inj to c1 i wells - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl ii-v wells - pounds: | Not reported |
| On-site ungrnd inj to cl ii-v wells - basis of estimate: | Not reported |
| Total on-site underground injection: | Not reported |
| Total on-site landfills: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| On-site landfills - basis of estimate: | Not reported |
| Total on-site RCRA subtitle c landfills: | Not reported |
| On-site RCRA subtitle c landfills - basis of estimate: | Not reported |
| Total other on-site landfills: | Not reported |
| Other landfills - basis of estimate: | Not reported |
| Total on-site land treatment: | Not reported |
| Land trtmt/appl farming - basis of estimate: | Not reported |
| Total surface impoundments: | Not reported |
| Surface impoundment - basis of estimate: | Not reported |
| Total RCRA c surface impoundments: | Not reported |
| RCRA c Surface impoundment - basis of estimate: | Not reported |
| Total other surface impoundments: | Not reported |
| Other surface impoundment - basis of estimate: | Not reported |
| Total other disposal: | Not reported |
| Other disposal - basis of estimate: | Not reported |
| Total on-site land releases: | Not reported |
| Total on-site releases: | Not reported |
| Off-site - POTW releases: | 0 |
| Off-site - storage only: | 0 |
| Off-site - solid/stab - metals: | 0 |
| Off-site - wastewater treatment release - metals: | 0 |
| Off-site - solid/stab - release - metals: | 0 |
| Off-site - wastewater treatment - metals: | 0 |
| Off-site - underground injection: | 0 |
| Off-site - underground injection - class 1 wells: | 0 |
| Off-site - underground injection - class ii-v wells: | 0 |
| Off-site - landfills/disposal surface impoundments: | 0 |
| Off-site - surface impoundment: | 0 |
| Off-site - RCRA subtitle c surface impoundments: | 0 |
| Off-site - other surface impoundments: | 0 |
| Off-site - other landfills: | 0 |
| Off-site - RCRA subtitle c landfills: | 0 |
| Off-site - disposal - land treatment: | 0 |
| Off-site - disposal - other land disposal: | 0 |
| Off-site - disposal - other off-site management: | 0 |
| Off-site - disposal - transfer to waste broker: | 0 |
| Off-site - disposal - unknown: | 0 |
| Total transferred off site for disposal: | 0 |
| Off-site - recycling - solvents/organics recovery: | 0 |
| Off-site - recycling -metals recovery: | 0 |
| Off-site - recycling - other reuse or recovery: | 0 |
| Off-site - recycling - acid regeneration: | 0 |
| Off-site - recycling - transfer to waste broker: | 0 |
| Total transferred off site for recycling: | 0 |
| Off-site - energy recovery: | 0 |
| Off-site - transfer to waste broker for energy recovery: | 0 |
| Total transferred off site for energy recovery: | 0 |
| Off-site - POTW treatment: | 0 |
| Off-site - solid/stab treatment - non metals: | 0 |
| Off-site -incineration/thermal treatment: | 0 |
| Off-site - incineration/insignificant heat value: | 0 |
| Off-site - wastewater treatment - non-metals: | 0 |
| Off-site - other waste treatment: | 0 |
| Off-site - transfer to waste broker - waste treatment: | 0 |
| Total transferred off site for treatment: | 0 |
| Off-site - transfer to waste broker: | 0 |
| Total transferred off site for further waste management: | 0 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Total POTW transfer: | 0 |
| Energy recovery on site current year: | 0 |
| Recycled on site current year: | 0 |
| Treated on site current year: | 0 |
| Total on-site waste management: | 0 |
| On-site energy recovery method 1: | Not reported |
| On-site energy recovery method 2: | Not reported |
| On-site energy recovery method 3: | Not reported |
| On-site energy recovery method 4: | Not reported |
| On-site recycling processes method 1: | Not reported |
| On-site recycling processes method 2: | Not reported |
| On-site recycling processes method 3: | Not reported |
| On-site recycling processes method 4: | Not reported |
| On-site recycling processes method 5: | Not reported |
| On-site recycling processes method 6: | Not reported |
| On-site recycling processes method 7: | Not reported |
| FRS Facility ID: | 110018283034 |
| Elemental Metal Included: | NO |
| Waste Rock Pile managed Indicator: | 0 |
| Waste Rock Quantity: | Not reported |
| Off Site - POTW Releases 81C: | 0 |
| Off Site - POTW Releases 81D: | 0 |
| Assigned Partial Facility Flag: | NO |
| Case Number: | 7697-37-2 |
| Mixture Name: | NA |
| Clean Air Act Ind: | NO |
| Carcinogen Ind: | NO |
| PFAS Ind: | NO |

Chemical Activities and Uses:

| | |
|---|---|
| Cas number: | 0007697372 |
| Document control number: | 1321220485318 |
| Chemical name: Nitric acid | |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Produce the chemical: | No |
| Import the chemical: | No |
| On-site use of the chemical: | No |
| Sale or distribution of the chemical: | No |
| As a byproduct: | No |
| As a manufactured impurity: | No |
| Used as a reactant: | No |
| P101 feedstocks: | Not reported |
| P102 raw materials: | Not reported |
| P103 intermediates: | Not reported |
| P104 initiators: | Not reported |
| P199 other: | Not reported |
| Added as a formulation component: | No |
| P201 additives: | Not reported |
| P202 dyes: | Not reported |
| P203 reaction diluents: | Not reported |
| P204 initiators: | Not reported |
| P205 solvents: | Not reported |
| P206 inhibitors: | Not reported |
| P207 emulsifiers: | Not reported |
| P208 surfactants: | Not reported |
| P209 lubricants: | Not reported |
| P210 flame retardants: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| P211 rheological modifiers: | Not reported |
| P299 other: | Not reported |
| Used as an article component: | No |
| Repackaging: | No |
| As a process impurity: | No |
| Processed / recycling: | No |
| Used as a chemical processing aid: | No |
| Z101 process solvents: | Not reported |
| Z102 catalysts: | Not reported |
| Z103 inhibitors: | Not reported |
| Z104 initiators: | Not reported |
| Z105 reaction terminators: | Not reported |
| Z106 solution buffers: | Not reported |
| Z199 other: | Not reported |
| Used as a manufacturing aid: | No |
| Z201 process lubricants: | Not reported |
| Z202 metalworking fluids: | Not reported |
| Z203 coolants: | Not reported |
| Z204 refrigerants: | Not reported |
| Z205 hydraulic fluids: | Not reported |
| Z299 other: | Not reported |
| Ancillary or other use: | No |
| Z301 cleaner: | Not reported |
| Z302 degreaser: | Not reported |
| Z303 lubricant: | Not reported |
| Z304 fuel: | Not reported |
| Z305 flame retardant: | Not reported |
| Z306 waste treatment: | Not reported |
| Z307 water treatment: | Not reported |
| Z308 construction materials: | Not reported |
| Z399 other: | Not reported |

| | |
|---|---|
| Submitted Facility Name: | BLUESTONE SPECIALTY CHEMICALS LLC |
| Submitted Street: | 10 INDUSTRY AVE |
| Submitted City: | JOLIET |
| Submitted County: | WILL |
| Submitted State: | IL |
| Submitted Zip Code: | 60435 |
| Submitted BIA Code: | Not reported |
| Submitted Tribe Name: | Not reported |
| Submitted Parent Company Name: | Not reported |
| Submitted Parent Company DB Number: | Not reported |
| Submitted Standardized Parent Company Name: | SPECIALTY METALS RESOURCES USA HOLDING INC |
| Submitted Primary NAICS Code: | 325180 |
| Submitted Industry Code: | 325 |
| Submitted Industry Name: | Chemicals |
| Industry Code: | 325 |
| Industry Name: | Chemicals |
| Last year the facility reported: | 2021 |
| First year the facility reported: | 1987 |
| Number of forms submitted: | 5 |
| Total number of forms submitted: | 197 |
| Assigned Agency: | Not reported |

Detailed On-site Waste Treatment Methods and Efficiency:

| | |
|---|---|
| Cas number: | 0007697372 |
| Document control number: | 1321220485318 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Chemical name: | Nitric acid |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Stream 1 - waste stream code: | Not reported |
| Stream 1 - trtmt method - sequence 1: | Not reported |
| Stream 1 - trtmt method - sequence 2: | Not reported |
| Stream 1 - trtmt method - sequence 3: | Not reported |
| Stream 1 - trtmt method - sequence 4: | Not reported |
| Stream 1 - trtmt method - sequence 5: | Not reported |
| Stream 1 - trtmt method - sequence 6: | Not reported |
| Stream 1 - trtmt method - sequence 7: | Not reported |
| Stream 1 - trtmt method - sequence 8: | Not reported |
| Stream 1 - based on operating data: | Not reported |
| Stream 2 - waste stream code: | Not reported |
| Stream 2 - trtmt method - sequence 1: | Not reported |
| Stream 2 - trtmt method - sequence 2: | Not reported |
| Stream 2 - trtmt method - sequence 3: | Not reported |
| Stream 2 - trtmt method - sequence 4: | Not reported |
| Stream 2 - trtmt method - sequence 5: | Not reported |
| Stream 2 - trtmt method - sequence 6: | Not reported |
| Stream 2 - trtmt method - sequence 7: | Not reported |
| Stream 2 - trtmt method - sequence 8: | Not reported |
| Stream 2 - based on operating data: | Not reported |
| Stream 3 - waste stream code: | Not reported |
| Stream 3 - trtmt method - sequence 1: | Not reported |
| Stream 3 - trtmt method - sequence 2: | Not reported |
| Stream 3 - trtmt method - sequence 3: | Not reported |
| Stream 3 - trtmt method - sequence 4: | Not reported |
| Stream 3 - trtmt method - sequence 5: | Not reported |
| Stream 3 - trtmt method - sequence 6: | Not reported |
| Stream 3 - trtmt method - sequence 7: | Not reported |
| Stream 3 - trtmt method - sequence 8: | Not reported |
| Stream 3 - based on operating data: | Not reported |
| Stream 4 - waste stream code: | Not reported |
| Stream 4 - trtmt method - sequence 1: | Not reported |
| Stream 4 - trtmt method - sequence 2: | Not reported |
| Stream 4 - trtmt method - sequence 3: | Not reported |
| Stream 4 - trtmt method - sequence 4: | Not reported |
| Stream 4 - trtmt method - sequence 5: | Not reported |
| Stream 4 - trtmt method - sequence 6: | Not reported |
| Stream 4 - trtmt method - sequence 7: | Not reported |
| Stream 4 - trtmt method - sequence 8: | Not reported |
| Stream 4 - based on operating data: | Not reported |
| Stream 5 - waste stream code: | Not reported |
| Stream 5 - trtmt method - sequence 1: | Not reported |
| Stream 5 - trtmt method - sequence 2: | Not reported |
| Stream 5 - trtmt method - sequence 3: | Not reported |
| Stream 5 - trtmt method - sequence 4: | Not reported |
| Stream 5 - trtmt method - sequence 5: | Not reported |
| Stream 5 - trtmt method - sequence 6: | Not reported |
| Stream 5 - trtmt method - sequence 7: | Not reported |
| Stream 5 - trtmt method - sequence 8: | Not reported |
| Stream 5 - based on operating data: | Not reported |
| TRI ID: | 60435CPNRG10IND |
| Cas number: | N511 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Chemical name: | Nitrate compounds (water dissociable; reportable only when in aqueous solution) |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Metal ind: | NO |
| Revision code 1: | Not reported |
| Revision code 2: | Not reported |
| Maximum amount on site: | Not reported |
| Fugitive air emissions - total release pounds: | Not reported |
| Fugitive air emissions - total release range code: | Not reported |
| Total fugitive air emissions: | 0 |
| Fugitive air emissions - basis of estimate: | Not reported |
| Stack air emissions - release pounds: | Not reported |
| Stack air emissions - release range code: | Not reported |
| Total stack air emissions: | 0 |
| Stack air emissions - basis of estimate: | Not reported |
| Total air emissions: | Not reported |
| Discharges to stream a - stream name: | Not reported |
| Total discharges to stream a: | Not reported |
| Discharges to stream a - basis of estimate: | Not reported |
| Discharges to stream a - % from stormwater: | Not reported |
| Discharges to stream b - stream name: | Not reported |
| Total discharges to stream b: | Not reported |
| Discharges to stream b - basis of estimate: | Not reported |
| Discharges to stream b - % from stormwater: | Not reported |
| Discharges to stream c - stream name: | Not reported |
| Total discharges to stream c: | Not reported |
| Discharges to stream c - basis of estimate: | Not reported |
| Discharges to stream c - % from stormwater: | Not reported |
| Discharges to stream d - stream name: | Not reported |
| Total discharges to stream d: | Not reported |
| Discharges to stream d - basis of estimate: | Not reported |
| Discharges to stream d - % from stormwater: | Not reported |
| Discharges to stream e - stream name: | Not reported |
| Total discharges to stream e: | Not reported |
| Discharges to stream e - basis of estimate: | Not reported |
| Discharges to stream e - % from stormwater: | Not reported |
| Discharges to stream f - stream name: | Not reported |
| Total discharges to stream f: | Not reported |
| Discharges to stream f - basis of estimate: | Not reported |
| Discharges to stream f - % from stormwater: | Not reported |
| Discharges to stream g - stream name: | Not reported |
| Total discharges to stream g: | Not reported |
| Discharges to stream g - basis of estimate: | Not reported |
| Discharges to stream g - % from stormwater: | Not reported |
| Discharges to stream h - stream name: | Not reported |
| Discharges to stream h - release pounds: | Not reported |
| Discharges to stream h - release range code: | Not reported |
| Total discharges to stream h: | Not reported |
| Discharges to stream h - basis for estimate: | Not reported |
| Discharges to stream h - % from stormwater: | Not reported |
| Total number of receiving streams: | 0 |
| Total surface water discharge: | 0 |
| Total on-site underground inj - pounds: | Not reported |
| On-site underground inj - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl i wells - pounds: | Not reported |
| On-site underground inj to c1 i wells - basis of estimate: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Total on-site ugrnd inj to cl ii-v wells - pounds: | Not reported |
| On-site ungrnd inj to cl ii-v wells - basis of estimate: | Not reported |
| Total on-site underground injection: | Not reported |
| Total on-site landfills: | Not reported |
| On-site landfills - basis of estimate: | Not reported |
| Total on-site RCRA subtitle c landfills: | Not reported |
| On-site RCRA subtitle c landfills - basis of estimate: | Not reported |
| Total other on-site landfills: | Not reported |
| Other landfills - basis of estimate: | Not reported |
| Total on-site land treatment: | Not reported |
| Land trtmt/appl farming - basis of estimate: | Not reported |
| Total surface impoundments: | Not reported |
| Surface impoundment - basis of estimate: | Not reported |
| Total RCRA c surface impoundments: | Not reported |
| RCRA c Surface impoundment - basis of estimate: | Not reported |
| Total other surface impoundments: | Not reported |
| Other surface impoundment - basis of estimate: | Not reported |
| Total other disposal: | Not reported |
| Other disposal - basis of estimate: | Not reported |
| Total on-site land releases: | Not reported |
| Total on-site releases: | Not reported |
| Off-site - POTW releases: | 0 |
| Off-site - storage only: | 0 |
| Off-site - solid/stab - metals: | 0 |
| Off-site - wastewater treatment release - metals: | 0 |
| Off-site - solid/stab - release - metals: | 0 |
| Off-site - wastewater treatment - metals: | 0 |
| Off-site - underground injection: | 0 |
| Off-site - underground injection - class 1 wells: | 0 |
| Off-site - underground injection - class ii-v wells: | 0 |
| Off-site - landfills/disposal surface impoundments: | 0 |
| Off-site - surface impoundment: | 0 |
| Off-site - RCRA subtitle c surface impoundments: | 0 |
| Off-site - other surface impoundments: | 0 |
| Off-site - other landfills: | 0 |
| Off-site - RCRA subtitle c landfills: | 0 |
| Off-site - disposal - land treatment: | 0 |
| Off-site - disposal - other land disposal: | 0 |
| Off-site - disposal - other off-site management: | 0 |
| Off-site - disposal - transfer to waste broker: | 0 |
| Off-site - disposal - unknown: | 0 |
| Total transferred off site for disposal: | 0 |
| Off-site - recycling - solvents/organics recovery: | 0 |
| Off-site - recycling -metals recovery: | 0 |
| Off-site - recycling - other reuse or recovery: | 0 |
| Off-site - recycling - acid regeneration: | 0 |
| Off-site - recycling - transfer to waste broker: | 0 |
| Total transferred off site for recycling: | 0 |
| Off-site - energy recovery: | 0 |
| Off-site - transfer to waste broker for energy recovery: | 0 |
| Total transferred off site for energy recovery: | 0 |
| Off-site - POTW treatment: | 0 |
| Off-site - solid/stab treatment - non metals: | 0 |
| Off-site -incineration/thermal treatment: | 0 |
| Off-site - incineration/insignificant heat value: | 0 |
| Off-site - wastewater treatment - non-metals: | 0 |
| Off-site - other waste treatment: | 0 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Off-site - transfer to waste broker - waste treatment: | 0 |
| Total transferred off site for treatment: | 0 |
| Off-site - transfer to waste broker: | 0 |
| Total transferred off site for further waste management: | 0 |
| Total POTW transfer: | 0 |
| Energy recovery on site current year: | 0 |
| Recycled on site current year: | 0 |
| Treated on site current year: | 0 |
| Total on-site waste management: | 0 |
| On-site energy recovery method 1: | Not reported |
| On-site energy recovery method 2: | Not reported |
| On-site energy recovery method 3: | Not reported |
| On-site energy recovery method 4: | Not reported |
| On-site recycling processes method 1: | Not reported |
| On-site recycling processes method 2: | Not reported |
| On-site recycling processes method 3: | Not reported |
| On-site recycling processes method 4: | Not reported |
| On-site recycling processes method 5: | Not reported |
| On-site recycling processes method 6: | Not reported |
| On-site recycling processes method 7: | Not reported |
| FRS Facility ID: | 110018283034 |
| Elemental Metal Included: | NO |
| Waste Rock Pile managed Indicator: | 0 |
| Waste Rock Quantity: | Not reported |
| Off Site - POTW Releases 81C: | 0 |
| Off Site - POTW Releases 81D: | 0 |
| Assigned Partial Facility Flag: | NO |
| Case Number: | N511 |
| Mixture Name: | NA |
| Clean Air Act Ind: | NO |
| Carcinogen Ind: | NO |
| PFAS Ind: | NO |

Chemical Activities and Uses:

| | |
|---|---|
| Cas number: | N511 |
| Document control number: | 1321220485344 |
| Chemical name: | Nitrate compounds (water dissociable; reportable only when in aqueous solution) |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Produce the chemical: | No |
| Import the chemical: | No |
| On-site use of the chemical: | No |
| Sale or distribution of the chemical: | No |
| As a byproduct: | No |
| As a manufactured impurity: | No |
| Used as a reactant: | No |
| P101 feedstocks: | Not reported |
| P102 raw materials: | Not reported |
| P103 intermediates: | Not reported |
| P104 initiators: | Not reported |
| P199 other: | Not reported |
| Added as a formulation component: | No |
| P201 additives: | Not reported |
| P202 dyes: | Not reported |
| P203 reaction diluents: | Not reported |
| P204 initiators: | Not reported |
| P205 solvents: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| P206 inhibitors: | Not reported |
| P207 emulsifiers: | Not reported |
| P208 surfactants: | Not reported |
| P209 lubricants: | Not reported |
| P210 flame retardants: | Not reported |
| P211 rheological modifiers: | Not reported |
| P299 other: | Not reported |
| Used as an article component: | No |
| Repackaging: | No |
| As a process impurity: | No |
| Processed / recycling: | No |
| Used as a chemical processing aid: | No |
| Z101 process solvents: | Not reported |
| Z102 catalysts: | Not reported |
| Z103 inhibitors: | Not reported |
| Z104 initiators: | Not reported |
| Z105 reaction terminators: | Not reported |
| Z106 solution buffers: | Not reported |
| Z199 other: | Not reported |
| Used as a manufacturing aid: | No |
| Z201 process lubricants: | Not reported |
| Z202 metalworking fluids: | Not reported |
| Z203 coolants: | Not reported |
| Z204 refrigerants: | Not reported |
| Z205 hydraulic fluids: | Not reported |
| Z299 other: | Not reported |
| Ancillary or other use: | No |
| Z301 cleaner: | Not reported |
| Z302 degreaser: | Not reported |
| Z303 lubricant: | Not reported |
| Z304 fuel: | Not reported |
| Z305 flame retardant: | Not reported |
| Z306 waste treatment: | Not reported |
| Z307 water treatment: | Not reported |
| Z308 construction materials: | Not reported |
| Z399 other: | Not reported |

| | |
|---|---|
| Submitted Facility Name: | BLUESTONE SPECIALTY CHEMICALS LLC |
| Submitted Street: | 10 INDUSTRY AVE |
| Submitted City: | JOLIET |
| Submitted County: | WILL |
| Submitted State: | IL |
| Submitted Zip Code: | 60435 |
| Submitted BIA Code: | Not reported |
| Submitted Tribe Name: | Not reported |
| Submitted Parent Company Name: | Not reported |
| Submitted Parent Company DB Number: | Not reported |
| Submitted Standardized Parent Company Name: | SPECIALTY METALS RESOURCES USA HOLDING INC |
| Submitted Primary NAICS Code: | 325180 |
| Submitted Industry Code: | 325 |
| Submitted Industry Name: | Chemicals |
| Industry Code: | 325 |
| Industry Name: | Chemicals |
| Last year the facility reported: | 2021 |
| First year the facility reported: | 1987 |
| Number of forms submitted: | 5 |
| Total number of forms submitted: | 197 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

Assigned Agency: Not reported

Detailed On-site Waste Treatment Methods and Efficiency:

| | |
|---|---|
| Cas number: | N511 |
| Document control number: | 1321220485344 |
| Chemical name: | Nitrate compounds (water dissociable; reportable only when in aqueous solution) |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Stream 1 - waste stream code: | Not reported |
| Stream 1 - trtmt method - sequence 1: | Not reported |
| Stream 1 - trtmt method - sequence 2: | Not reported |
| Stream 1 - trtmt method - sequence 3: | Not reported |
| Stream 1 - trtmt method - sequence 4: | Not reported |
| Stream 1 - trtmt method - sequence 5: | Not reported |
| Stream 1 - trtmt method - sequence 6: | Not reported |
| Stream 1 - trtmt method - sequence 7: | Not reported |
| Stream 1 - trtmt method - sequence 8: | Not reported |
| Stream 1 - based on operating data: | Not reported |
| Stream 2 - waste stream code: | Not reported |
| Stream 2 - trtmt method - sequence 1: | Not reported |
| Stream 2 - trtmt method - sequence 2: | Not reported |
| Stream 2 - trtmt method - sequence 3: | Not reported |
| Stream 2 - trtmt method - sequence 4: | Not reported |
| Stream 2 - trtmt method - sequence 5: | Not reported |
| Stream 2 - trtmt method - sequence 6: | Not reported |
| Stream 2 - trtmt method - sequence 7: | Not reported |
| Stream 2 - trtmt method - sequence 8: | Not reported |
| Stream 2 - based on operating data: | Not reported |
| Stream 3 - waste stream code: | Not reported |
| Stream 3 - trtmt method - sequence 1: | Not reported |
| Stream 3 - trtmt method - sequence 2: | Not reported |
| Stream 3 - trtmt method - sequence 3: | Not reported |
| Stream 3 - trtmt method - sequence 4: | Not reported |
| Stream 3 - trtmt method - sequence 5: | Not reported |
| Stream 3 - trtmt method - sequence 6: | Not reported |
| Stream 3 - trtmt method - sequence 7: | Not reported |
| Stream 3 - trtmt method - sequence 8: | Not reported |
| Stream 3 - based on operating data: | Not reported |
| Stream 4 - waste stream code: | Not reported |
| Stream 4 - trtmt method - sequence 1: | Not reported |
| Stream 4 - trtmt method - sequence 2: | Not reported |
| Stream 4 - trtmt method - sequence 3: | Not reported |
| Stream 4 - trtmt method - sequence 4: | Not reported |
| Stream 4 - trtmt method - sequence 5: | Not reported |
| Stream 4 - trtmt method - sequence 6: | Not reported |
| Stream 4 - trtmt method - sequence 7: | Not reported |
| Stream 4 - trtmt method - sequence 8: | Not reported |
| Stream 4 - based on operating data: | Not reported |
| Stream 5 - waste stream code: | Not reported |
| Stream 5 - trtmt method - sequence 1: | Not reported |
| Stream 5 - trtmt method - sequence 2: | Not reported |
| Stream 5 - trtmt method - sequence 3: | Not reported |
| Stream 5 - trtmt method - sequence 4: | Not reported |
| Stream 5 - trtmt method - sequence 5: | Not reported |
| Stream 5 - trtmt method - sequence 6: | Not reported |
| Stream 5 - trtmt method - sequence 7: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Stream 5 - trtmt method - sequence 8: | Not reported |
| Stream 5 - based on operating data: | Not reported |
| | |
| TRI ID: | 60435CPNRG10IND |
| Cas number: | N100 |
| Chemical name: | Copper compounds |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Metal ind: | YES |
| Revision code 1: | Not reported |
| Revision code 2: | Not reported |
| Maximum amount on site: | 05 |
| Fugitive air emissions - total release pounds: | Not reported |
| Fugitive air emissions - total release range code: | A |
| Total fugitive air emissions: | 5 |
| Fugitive air emissions - basis of estimate: | Other |
| Stack air emissions - release pounds: | Not reported |
| Stack air emissions - release range code: | A |
| Total stack air emissions: | 5 |
| Stack air emissions - basis of estimate: | Other |
| Total air emissions: | 10 |
| Discharges to stream a - stream name: | NA |
| Total discharges to stream a: | 0 |
| Discharges to stream a - basis of estimate: | Not reported |
| Discharges to stream a - % from stormwater: | Not reported |
| Discharges to stream b - stream name: | Not reported |
| Total discharges to stream b: | Not reported |
| Discharges to stream b - basis of estimate: | Not reported |
| Discharges to stream b - % from stormwater: | Not reported |
| Discharges to stream c - stream name: | Not reported |
| Total discharges to stream c: | Not reported |
| Discharges to stream c - basis of estimate: | Not reported |
| Discharges to stream c - % from stormwater: | Not reported |
| Discharges to stream d - stream name: | Not reported |
| Total discharges to stream d: | Not reported |
| Discharges to stream d - basis of estimate: | Not reported |
| Discharges to stream d - % from stormwater: | Not reported |
| Discharges to stream e - stream name: | Not reported |
| Total discharges to stream e: | Not reported |
| Discharges to stream e - basis of estimate: | Not reported |
| Discharges to stream e - % from stormwater: | Not reported |
| Discharges to stream f - stream name: | Not reported |
| Total discharges to stream f: | Not reported |
| Discharges to stream f - basis of estimate: | Not reported |
| Discharges to stream f - % from stormwater: | Not reported |
| Discharges to stream g - stream name: | Not reported |
| Total discharges to stream g: | Not reported |
| Discharges to stream g - basis of estimate: | Not reported |
| Discharges to stream g - % from stormwater: | Not reported |
| Discharges to stream h - stream name: | Not reported |
| Discharges to stream h - release pounds: | Not reported |
| Discharges to stream h - release range code: | Not reported |
| Total discharges to stream h: | Not reported |
| Discharges to stream h - basis for estimate: | Not reported |
| Discharges to stream h - % from stormwater: | Not reported |
| Total number of receiving streams: | 0 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Total surface water discharge: | 0 |
| Total on-site underground inj - pounds: | Not reported |
| On-site underground inj - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl i wells - pounds: | 0 |
| On-site underground inj to c1 i wells - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl ii-v wells - pounds: | 0 |
| On-site ungrnd inj to cl ii-v wells - basis of estimate: | Not reported |
| Total on-site underground injection: | 0 |
| Total on-site landfills: | Not reported |
| On-site landfills - basis of estimate: | Not reported |
| Total on-site RCRA subtitle c landfills: | 0 |
| On-site RCRA subtitle c landfills - basis of estimate: | Not reported |
| Total other on-site landfills: | 0 |
| Other landfills - basis of estimate: | Not reported |
| Total on-site land treatment: | 0 |
| Land trtmt/appl farming - basis of estimate: | Not reported |
| Total surface impoundments: | Not reported |
| Surface impoundment - basis of estimate: | Not reported |
| Total RCRA c surface impoundments: | 0 |
| RCRA c Surface impoundment - basis of estimate: | Not reported |
| Total other surface impoundments: | 0 |
| Other surface impoundment - basis of estimate: | Not reported |
| Total other disposal: | 0 |
| Other disposal - basis of estimate: | Not reported |
| Total on-site land releases: | 0 |
| Total on-site releases: | 10 |
| Off-site - POTW releases: | 1.916 |
| Off-site - storage only: | 0 |
| Off-site - solid/stab - metals: | 0 |
| Off-site - wastewater treatment release - metals: | 0 |
| Off-site - solid/stab - release - metals: | 0 |
| Off-site - wastewater treatment - metals: | 0 |
| Off-site - underground injection: | 0 |
| Off-site - underground injection - class 1 wells: | 0 |
| Off-site - underground injection - class ii-v wells: | 0 |
| Off-site - landfills/disposal surface impoundments: | 0 |
| Off-site - surface impoundment: | 0 |
| Off-site - RCRA subtitle c surface impoundments: | 0 |
| Off-site - other surface impoundments: | 0 |
| Off-site - other landfills: | 0 |
| Off-site - RCRA subtitle c landfills: | 0 |
| Off-site - disposal - land treatment: | 0 |
| Off-site - disposal - other land disposal: | 0 |
| Off-site - disposal - other off-site management: | 0 |
| Off-site - disposal - transfer to waste broker: | 0 |
| Off-site - disposal - unknown: | 0 |
| Total transferred off site for disposal: | 1.916 |
| Off-site - recycling - solvents/organics recovery: | 0 |
| Off-site - recycling -metals recovery: | 6252 |
| Off-site - recycling - other reuse or recovery: | 0 |
| Off-site - recycling - acid regeneration: | 0 |
| Off-site - recycling - transfer to waste broker: | 0 |
| Total transferred off site for recycling: | 6252 |
| Off-site - energy recovery: | 0 |
| Off-site - transfer to waste broker for energy recovery: | 0 |
| Total transferred off site for energy recovery: | 0 |
| Off-site - POTW treatment: | 0 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Off-site - solid/stab treatment - non metals: | 0 |
| Off-site -incineration/thermal treatment: | 0 |
| Off-site - incineration/insignificant heat value: | 0 |
| Off-site - wastewater treatment - non-metals: | 0 |
| Off-site - other waste treatment: | 0 |
| Off-site - transfer to waste broker - waste treatment: | 0 |
| Total transferred off site for treatment: | 0 |
| Off-site - transfer to waste broker: | 0 |
| Total transferred off site for further waste management: | 6253.916 |
| Total POTW transfer: | 1.916 |
| Energy recovery on site current year: | 0 |
| Recycled on site current year: | 0 |
| Treated on site current year: | 0 |
| Total on-site waste management: | 0 |
| On-site energy recovery method 1: | Not Applicable |
| On-site energy recovery method 2: | Not reported |
| On-site energy recovery method 3: | Not Applicable |
| On-site energy recovery method 4: | Not reported |
| On-site recycling processes method 1: | Not Applicable |
| On-site recycling processes method 2: | Not reported |
| On-site recycling processes method 3: | Not reported |
| On-site recycling processes method 4: | Not reported |
| On-site recycling processes method 5: | Not reported |
| On-site recycling processes method 6: | Not reported |
| On-site recycling processes method 7: | Not reported |
| FRS Facility ID: | 110018283034 |
| Elemental Metal Included: | YES |
| Waste Rock Pile managed Indicator: | 0 |
| Waste Rock Quantity: | Not reported |
| Off Site - POTW Releases 81C: | 1.37952 |
| Off Site - POTW Releases 81D: | .53648 |
| Assigned Partial Facility Flag: | NO |
| Case Number: | N100 |
| Mixture Name: | NA |
| Clean Air Act Ind: | NO |
| Carcinogen Ind: | NO |
| PFAS Ind: | NO |

Chemical Activities and Uses:

| | |
|---|---|
| Cas number: | N100 |
| Document control number: | 1321220485357 |
| Chemical name: | Copper compounds |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Produce the chemical: | Yes |
| Import the chemical: | Yes |
| On-site use of the chemical: | Yes |
| Sale or distribution of the chemical: | Yes |
| As a byproduct: | No |
| As a manufactured impurity: | No |
| Used as a reactant: | Yes |
| P101 feedstocks: | No |
| P102 raw materials: | Yes |
| P103 intermediates: | Yes |
| P104 initiators: | No |
| P199 other: | No |
| Added as a formulation component: | No |
| P201 additives: | No |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| P202 dyes: | No |
| P203 reaction diluents: | No |
| P204 initiators: | No |
| P205 solvents: | No |
| P206 inhibitors: | No |
| P207 emulsifiers: | No |
| P208 surfactants: | No |
| P209 lubricants: | No |
| P210 flame retardants: | No |
| P211 rheological modifiers: | No |
| P299 other: | No |
| Used as an article component: | No |
| Repackaging: | No |
| As a process impurity: | No |
| Processed / recycling: | No |
| Used as a chemical processing aid: | No |
| Z101 process solvents: | No |
| Z102 catalysts: | No |
| Z103 inhibitors: | No |
| Z104 initiators: | No |
| Z105 reaction terminators: | No |
| Z106 solution buffers: | No |
| Z199 other: | No |
| Used as a manufacturing aid: | No |
| Z201 process lubricants: | No |
| Z202 metalworking fluids: | No |
| Z203 coolants: | No |
| Z204 refrigerants: | No |
| Z205 hydraulic fluids: | No |
| Z299 other: | No |
| Ancillary or other use: | No |
| Z301 cleaner: | No |
| Z302 degreaser: | No |
| Z303 lubricant: | No |
| Z304 fuel: | No |
| Z305 flame retardant: | No |
| Z306 waste treatment: | No |
| Z307 water treatment: | No |
| Z308 construction materials: | No |
| Z399 other: | No |

| | |
|---|---|
| Submitted Facility Name: | BLUESTONE SPECIALTY CHEMICALS LLC |
| Submitted Street: | 10 INDUSTRY AVE |
| Submitted City: | JOLIET |
| Submitted County: | WILL |
| Submitted State: | IL |
| Submitted Zip Code: | 60435 |
| Submitted BIA Code: | Not reported |
| Submitted Tribe Name: | Not reported |
| Submitted Parent Company Name: | Not reported |
| Submitted Parent Company DB Number: | Not reported |
| Submitted Standardized Parent Company Name: | SPECIALTY METALS RESOURCES USA HOLDING INC |
| Submitted Primary NAICS Code: | 325180 |
| Submitted Industry Code: | 325 |
| Submitted Industry Name: | Chemicals |
| Industry Code: | 325 |
| Industry Name: | Chemicals |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Last year the facility reported: | 2021 |
| First year the facility reported: | 1987 |
| Number of forms submitted: | 5 |
| Total number of forms submitted: | 197 |
| Assigned Agency: | Not reported |

Detailed On-site Waste Treatment Methods and Efficiency:

| | |
|---|---|
| Cas number: | N100 |
| Document control number: | 1321220485357 |
| Chemical name: | Copper compounds |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Stream 1 - waste stream code: | Wastewater (aqueous waste) |
| Stream 1 - trtmt method - sequence 1: | Other chemical precipitation with or without pre-treatment |
| Stream 1 - trtmt method - sequence 2: | Settling or clarification |
| Stream 1 - trtmt method - sequence 3: | Sludge treatment and/or dewatering |
| Stream 1 - trtmt method - sequence 4: | Not reported |
| Stream 1 - trtmt method - sequence 5: | Not reported |
| Stream 1 - trtmt method - sequence 6: | Not reported |
| Stream 1 - trtmt method - sequence 7: | Not reported |
| Stream 1 - trtmt method - sequence 8: | Not reported |
| Stream 1 - based on operating data: | NO |
| Stream 2 - waste stream code: | Not reported |
| Stream 2 - trtmt method - sequence 1: | Not reported |
| Stream 2 - trtmt method - sequence 2: | Not reported |
| Stream 2 - trtmt method - sequence 3: | Not reported |
| Stream 2 - trtmt method - sequence 4: | Not reported |
| Stream 2 - trtmt method - sequence 5: | Not reported |
| Stream 2 - trtmt method - sequence 6: | Not reported |
| Stream 2 - trtmt method - sequence 7: | Not reported |
| Stream 2 - trtmt method - sequence 8: | Not reported |
| Stream 2 - based on operating data: | Not reported |
| Stream 3 - waste stream code: | Not reported |
| Stream 3 - trtmt method - sequence 1: | Not reported |
| Stream 3 - trtmt method - sequence 2: | Not reported |
| Stream 3 - trtmt method - sequence 3: | Not reported |
| Stream 3 - trtmt method - sequence 4: | Not reported |
| Stream 3 - trtmt method - sequence 5: | Not reported |
| Stream 3 - trtmt method - sequence 6: | Not reported |
| Stream 3 - trtmt method - sequence 7: | Not reported |
| Stream 3 - trtmt method - sequence 8: | Not reported |
| Stream 3 - based on operating data: | Not reported |
| Stream 4 - waste stream code: | Not reported |
| Stream 4 - trtmt method - sequence 1: | Not reported |
| Stream 4 - trtmt method - sequence 2: | Not reported |
| Stream 4 - trtmt method - sequence 3: | Not reported |
| Stream 4 - trtmt method - sequence 4: | Not reported |
| Stream 4 - trtmt method - sequence 5: | Not reported |
| Stream 4 - trtmt method - sequence 6: | Not reported |
| Stream 4 - trtmt method - sequence 7: | Not reported |
| Stream 4 - trtmt method - sequence 8: | Not reported |
| Stream 4 - based on operating data: | Not reported |
| Stream 5 - waste stream code: | Not reported |
| Stream 5 - trtmt method - sequence 1: | Not reported |
| Stream 5 - trtmt method - sequence 2: | Not reported |
| Stream 5 - trtmt method - sequence 3: | Not reported |
| Stream 5 - trtmt method - sequence 4: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Stream 5 - trtmt method - sequence 5: | Not reported |
| Stream 5 - trtmt method - sequence 6: | Not reported |
| Stream 5 - trtmt method - sequence 7: | Not reported |
| Stream 5 - trtmt method - sequence 8: | Not reported |
| Stream 5 - based on operating data: | Not reported |

Details of Off-site Transfers:

| | |
|---|---|
| Cas number: | N100 |
| Document control number: | 1321220485357 |
| Chemical name: | Copper compounds |
| Classification: | TRI |
| Offsite RCRA id nr: | NA |
| Offsite transfer sequence number: | 2 |
| Offsite name: | NETWORK RECYCLING INC. |
| Offsite street address: | 2323-19 STREET SW |
| Offsite City,State,Zip: | CALGARY T2T 4X1 |
| Offsite county: | Not reported |
| Offsite province: | ALBERTA |
| Offsite country id: | CA |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Total amount transferred offsite for disposal: | 0 |
| Offsite metals recovery m24 LBS: | 6252 |
| Offsite metals recovery m24 BOE: | Other |
| Total amount transferred offsite for recycling: | 6252 |
| Total amount transferred offsite for energy recovery: | 0 |
| Total amount transferred offsite for treatment: | 0 |
| FRS ID - Transfer Location: | Not reported |

Details of Transfers to Publicly Owned Treatment Works:

| | |
|---|---|
| Cas number: | N100 |
| Document control number: | 1321220485357 |
| Chemical name: | Copper compounds |
| Classification: | TRI |
| Unit of measure: | Pounds |
| POTW name: | JOLIET EASTSIDE STP, CITY OF |
| POTW address: | 1021 MCKINLEY AVE. |
| POTW City,State,Zip: | JOLIET, IL 604362744 |
| POTW county: | WILL |
| Quantity transferred: | 1.916 |
| Basis of estimate: | Not reported |
| Discharges to water streams: | 0 |
| Discharges to water streams - basis of estimate: | Not reported |
| Discharges to other activities: | 0 |
| Discharges to other activities - basis of estimate: | Not reported |
| Released to air: | 0 |
| Released to air - basis of estimate: | Not reported |
| Sludge to disposal: | 1.37952 |
| Sludge to disposal - basis of estimate: | Published Emission Factors |
| Sludge to incineration - metals: | 0 |
| Sludge to incineration - metals - basis of estimate: | Not reported |
| Sludge to agricultural applications: | 0 |
| Sludge to agricultural applications - basis of estimate: | Not reported |
| Other or unknown disposal: | .53648 |
| Other or unknown disposal - basis of estimate: | Published Emission Factors |
| Other or unknown treatment: | 0 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Other or unknown treatment - basis of estimate: | Not reported |
| Sludge to incineration - nonmetals: | 0 |
| Sludge to incineration - nonmetals - basis of estimate: | Not reported |
| Total treated: | 0 |
| POTW Registry ID: | 110009689756 |
| Off Site - POTW Releases 81C: | 1.37952 |
| Off Site - POTW Releases 81D: | .53648 |
| Off Site - POTW Releases: | 1.916 |
| Experimental and Est. Treatment: | 0 |
| Experimental and Est. Treatment - Basis of Est.: | Not reported |

| | |
|---|---|
| TRI ID: | 60435CPNRG10IND |
| Cas number: | N096 |
| Chemical name: | Cobalt compounds |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Metal ind: | YES |
| Revision code 1: | Not reported |
| Revision code 2: | Not reported |
| Maximum amount on site: | Not reported |
| Fugitive air emissions - total release pounds: | Not reported |
| Fugitive air emissions - total release range code: | Not reported |
| Total fugitive air emissions: | 0 |
| Fugitive air emissions - basis of estimate: | Not reported |
| Stack air emissions - release pounds: | Not reported |
| Stack air emissions - release range code: | Not reported |
| Total stack air emissions: | 0 |
| Stack air emissions - basis of estimate: | Not reported |
| Total air emissions: | Not reported |
| Discharges to stream a - stream name: | Not reported |
| Total discharges to stream a: | Not reported |
| Discharges to stream a - basis of estimate: | Not reported |
| Discharges to stream a - % from stormwater: | Not reported |
| Discharges to stream b - stream name: | Not reported |
| Total discharges to stream b: | Not reported |
| Discharges to stream b - basis of estimate: | Not reported |
| Discharges to stream b - % from stormwater: | Not reported |
| Discharges to stream c - stream name: | Not reported |
| Total discharges to stream c: | Not reported |
| Discharges to stream c - basis of estimate: | Not reported |
| Discharges to stream c - % from stormwater: | Not reported |
| Discharges to stream d - stream name: | Not reported |
| Total discharges to stream d: | Not reported |
| Discharges to stream d - basis of estimate: | Not reported |
| Discharges to stream d - % from stormwater: | Not reported |
| Discharges to stream e - stream name: | Not reported |
| Total discharges to stream e: | Not reported |
| Discharges to stream e - basis of estimate: | Not reported |
| Discharges to stream e - % from stormwater: | Not reported |
| Discharges to stream f - stream name: | Not reported |
| Total discharges to stream f: | Not reported |
| Discharges to stream f - basis of estimate: | Not reported |
| Discharges to stream f - % from stormwater: | Not reported |
| Discharges to stream g - stream name: | Not reported |
| Total discharges to stream g: | Not reported |
| Discharges to stream g - basis of estimate: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Discharges to stream g - % from stormwater: | Not reported |
| Discharges to stream h - stream name: | Not reported |
| Discharges to stream h - release pounds: | Not reported |
| Discharges to stream h - release range code: | Not reported |
| Total discharges to stream h: | Not reported |
| Discharges to stream h - basis for estimate: | Not reported |
| Discharges to stream h - % from stormwater: | Not reported |
| Total number of receiving streams: | 0 |
| Total surface water discharge: | 0 |
| Total on-site underground inj - pounds: | Not reported |
| On-site underground inj - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl i wells - pounds: | Not reported |
| On-site underground inj to c1 i wells - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl ii-v wells - pounds: | Not reported |
| On-site ungrnd inj to cl ii-v wells - basis of estimate: | Not reported |
| Total on-site underground injection: | Not reported |
| Total on-site landfills: | Not reported |
| On-site landfills - basis of estimate: | Not reported |
| Total on-site RCRA subtitle c landfills: | Not reported |
| On-site RCRA subtitle c landfills - basis of estimate: | Not reported |
| Total other on-site landfills: | Not reported |
| Other landfills - basis of estimate: | Not reported |
| Total on-site land treatment: | Not reported |
| Land trtmt/appl farming - basis of estimate: | Not reported |
| Total surface impoundments: | Not reported |
| Surface impoundment - basis of estimate: | Not reported |
| Total RCRA c surface impoundments: | Not reported |
| RCRA c Surface impoundment - basis of estimate: | Not reported |
| Total other surface impoundments: | Not reported |
| Other surface impoundment - basis of estimate: | Not reported |
| Total other disposal: | Not reported |
| Other disposal - basis of estimate: | Not reported |
| Total on-site land releases: | Not reported |
| Total on-site releases: | Not reported |
| Off-site - POTW releases: | 0 |
| Off-site - storage only: | 0 |
| Off-site - solid/stab - metals: | 0 |
| Off-site - wastewater treatment release - metals: | 0 |
| Off-site - solid/stab - release - metals: | 0 |
| Off-site - wastewater treatment - metals: | 0 |
| Off-site - underground injection: | 0 |
| Off-site - underground injection - class 1 wells: | 0 |
| Off-site - underground injection - class ii-v wells: | 0 |
| Off-site - landfills/disposal surface impoundments: | 0 |
| Off-site - surface impoundment: | 0 |
| Off-site - RCRA subtitle c surface impoundments: | 0 |
| Off-site - other surface impoundments: | 0 |
| Off-site - other landfills: | 0 |
| Off-site - RCRA subtitle c landfills: | 0 |
| Off-site - disposal - land treatment: | 0 |
| Off-site - disposal - other land disposal: | 0 |
| Off-site - disposal - other off-site management: | 0 |
| Off-site - disposal - transfer to waste broker: | 0 |
| Off-site - disposal - unknown: | 0 |
| Total transferred off site for disposal: | 0 |
| Off-site - recycling - solvents/organics recovery: | 0 |
| Off-site - recycling -metals recovery: | 0 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Off-site - recycling - other reuse or recovery: | 0 |
| Off-site - recycling - acid regeneration: | 0 |
| Off-site - recycling - transfer to waste broker: | 0 |
| Total transferred off site for recycling: | 0 |
| Off-site - energy recovery: | 0 |
| Off-site - transfer to waste broker for energy recovery: | 0 |
| Total transferred off site for energy recovery: | 0 |
| Off-site - POTW treatment: | 0 |
| Off-site - solid/stab treatment - non metals: | 0 |
| Off-site -incineration/thermal treatment: | 0 |
| Off-site - incineration/insignificant heat value: | 0 |
| Off-site - wastewater treatment - non-metals: | 0 |
| Off-site - other waste treatment: | 0 |
| Off-site - transfer to waste broker - waste treatment: | 0 |
| Total transferred off site for treatment: | 0 |
| Off-site - transfer to waste broker: | 0 |
| Total transferred off site for further waste management: | 0 |
| Total POTW transfer: | 0 |
| Energy recovery on site current year: | 0 |
| Recycled on site current year: | 0 |
| Treated on site current year: | 0 |
| Total on-site waste management: | 0 |
| On-site energy recovery method 1: | Not reported |
| On-site energy recovery method 2: | Not reported |
| On-site energy recovery method 3: | Not reported |
| On-site energy recovery method 4: | Not reported |
| On-site recycling processes method 1: | Not reported |
| On-site recycling processes method 2: | Not reported |
| On-site recycling processes method 3: | Not reported |
| On-site recycling processes method 4: | Not reported |
| On-site recycling processes method 5: | Not reported |
| On-site recycling processes method 6: | Not reported |
| On-site recycling processes method 7: | Not reported |
| FRS Facility ID: | 110018283034 |
| Elemental Metal Included: | NO |
| Waste Rock Pile managed Indicator: | 0 |
| Waste Rock Quantity: | Not reported |
| Off Site - POTW Releases 81C: | 0 |
| Off Site - POTW Releases 81D: | 0 |
| Assigned Partial Facility Flag: | NO |
| Case Number: | N096 |
| Mixture Name: | NA |
| Clean Air Act Ind: | YES |
| Carcinogen Ind: | NO |
| PFAS Ind: | NO |

Chemical Activities and Uses:

| | |
|---|---|
| Cas number: | N096 |
| Document control number: | 1321220485320 |
| Chemical name: | Cobalt compounds |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Produce the chemical: | No |
| Import the chemical: | No |
| On-site use of the chemical: | No |
| Sale or distribution of the chemical: | No |
| As a byproduct: | No |
| As a manufactured impurity: | No |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Used as a reactant: | No |
| P101 feedstocks: | Not reported |
| P102 raw materials: | Not reported |
| P103 intermediates: | Not reported |
| P104 initiators: | Not reported |
| P199 other: | Not reported |
| Added as a formulation component: | No |
| P201 additives: | Not reported |
| P202 dyes: | Not reported |
| P203 reaction diluents: | Not reported |
| P204 initiators: | Not reported |
| P205 solvents: | Not reported |
| P206 inhibitors: | Not reported |
| P207 emulsifiers: | Not reported |
| P208 surfactants: | Not reported |
| P209 lubricants: | Not reported |
| P210 flame retardants: | Not reported |
| P211 rheological modifiers: | Not reported |
| P299 other: | Not reported |
| Used as an article component: | No |
| Repackaging: | No |
| As a process impurity: | No |
| Processed / recycling: | No |
| Used as a chemical processing aid: | No |
| Z101 process solvents: | Not reported |
| Z102 catalysts: | Not reported |
| Z103 inhibitors: | Not reported |
| Z104 initiators: | Not reported |
| Z105 reaction terminators: | Not reported |
| Z106 solution buffers: | Not reported |
| Z199 other: | Not reported |
| Used as a manufacturing aid: | No |
| Z201 process lubricants: | Not reported |
| Z202 metalworking fluids: | Not reported |
| Z203 coolants: | Not reported |
| Z204 refrigerants: | Not reported |
| Z205 hydraulic fluids: | Not reported |
| Z299 other: | Not reported |
| Ancillary or other use: | No |
| Z301 cleaner: | Not reported |
| Z302 degreaser: | Not reported |
| Z303 lubricant: | Not reported |
| Z304 fuel: | Not reported |
| Z305 flame retardant: | Not reported |
| Z306 waste treatment: | Not reported |
| Z307 water treatment: | Not reported |
| Z308 construction materials: | Not reported |
| Z399 other: | Not reported |

| | |
|---|---|
| Submitted Facility Name: | BLUESTONE SPECIALTY CHEMICALS LLC |
| Submitted Street: | 10 INDUSTRY AVE |
| Submitted City: | JOLIET |
| Submitted County: | WILL |
| Submitted State: | IL |
| Submitted Zip Code: | 60435 |
| Submitted BIA Code: | Not reported |
| Submitted Tribe Name: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Submitted Parent Company Name: | Not reported |
| Submitted Parent Company DB Number: | Not reported |
| Submitted Standardized Parent Company Name: | SPECIALTY METALS RESOURCES USA HOLDING INC |
| Submitted Primary NAICS Code: | 325180 |
| Submitted Industry Code: | 325 |
| Submitted Industry Name: | Chemicals |
| Industry Code: | 325 |
| Industry Name: | Chemicals |
| Last year the facility reported: | 2021 |
| First year the facility reported: | 1987 |
| Number of forms submitted: | 5 |
| Total number of forms submitted: | 197 |
| Assigned Agency: | Not reported |

Detailed On-site Waste Treatment Methods and Efficiency:

| | |
|---|---|
| Cas number: | N096 |
| Document control number: | 1321220485320 |
| Chemical name: | Cobalt compounds |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Stream 1 - waste stream code: | Not reported |
| Stream 1 - trtmt method - sequence 1: | Not reported |
| Stream 1 - trtmt method - sequence 2: | Not reported |
| Stream 1 - trtmt method - sequence 3: | Not reported |
| Stream 1 - trtmt method - sequence 4: | Not reported |
| Stream 1 - trtmt method - sequence 5: | Not reported |
| Stream 1 - trtmt method - sequence 6: | Not reported |
| Stream 1 - trtmt method - sequence 7: | Not reported |
| Stream 1 - trtmt method - sequence 8: | Not reported |
| Stream 1 - based on operating data: | Not reported |
| Stream 2 - waste stream code: | Not reported |
| Stream 2 - trtmt method - sequence 1: | Not reported |
| Stream 2 - trtmt method - sequence 2: | Not reported |
| Stream 2 - trtmt method - sequence 3: | Not reported |
| Stream 2 - trtmt method - sequence 4: | Not reported |
| Stream 2 - trtmt method - sequence 5: | Not reported |
| Stream 2 - trtmt method - sequence 6: | Not reported |
| Stream 2 - trtmt method - sequence 7: | Not reported |
| Stream 2 - trtmt method - sequence 8: | Not reported |
| Stream 2 - based on operating data: | Not reported |
| Stream 3 - waste stream code: | Not reported |
| Stream 3 - trtmt method - sequence 1: | Not reported |
| Stream 3 - trtmt method - sequence 2: | Not reported |
| Stream 3 - trtmt method - sequence 3: | Not reported |
| Stream 3 - trtmt method - sequence 4: | Not reported |
| Stream 3 - trtmt method - sequence 5: | Not reported |
| Stream 3 - trtmt method - sequence 6: | Not reported |
| Stream 3 - trtmt method - sequence 7: | Not reported |
| Stream 3 - trtmt method - sequence 8: | Not reported |
| Stream 3 - based on operating data: | Not reported |
| Stream 4 - waste stream code: | Not reported |
| Stream 4 - trtmt method - sequence 1: | Not reported |
| Stream 4 - trtmt method - sequence 2: | Not reported |
| Stream 4 - trtmt method - sequence 3: | Not reported |
| Stream 4 - trtmt method - sequence 4: | Not reported |
| Stream 4 - trtmt method - sequence 5: | Not reported |
| Stream 4 - trtmt method - sequence 6: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Stream 4 - trtmt method - sequence 7: | Not reported |
| Stream 4 - trtmt method - sequence 8: | Not reported |
| Stream 4 - based on operating data: | Not reported |
| Stream 5 - waste stream code: | Not reported |
| Stream 5 - trtmt method - sequence 1: | Not reported |
| Stream 5 - trtmt method - sequence 2: | Not reported |
| Stream 5 - trtmt method - sequence 3: | Not reported |
| Stream 5 - trtmt method - sequence 4: | Not reported |
| Stream 5 - trtmt method - sequence 5: | Not reported |
| Stream 5 - trtmt method - sequence 6: | Not reported |
| Stream 5 - trtmt method - sequence 7: | Not reported |
| Stream 5 - trtmt method - sequence 8: | Not reported |
| Stream 5 - based on operating data: | Not reported |

SSTS:

| | |
|---|---|
| Name: | PHIBRO-TECH INC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| Report Year: | 2009 |
| Registration Number: | 035896-IL-001 |

Pre 2016:

| | |
|---|---|
| Registration Number: | 035896-IL-001 |
| Name: | PHIBRO-TECH INC |
| Address: | 10 INDUSTRY AVE |
| Address 2: | Not reported |
| Country Code: | Not reported |
| Country: | Not reported |
| Contact Name: | P: 815-727-3010 |
| Contact Title: | Not reported |
| Contact Telephone: | Not reported |
| Contact Email: | Not reported |
| Product Name: | Not reported |
| Product Code: | Not reported |
| EPA Product Registration Number: | Not reported |
| Product Type: | Not reported |
| Product Classification: | Not reported |
| Product Use: | Not reported |
| Market Type: | Not reported |
| Product Unit of Measure: | Not reported |
| Region: | Not reported |
| Zero Production: | Yes |
| RUP: | Not reported |

| | |
|---|---|
| Report Year: | 2005 |
| Registration Number: | 035896IL001 |

Pre 2016:

| | |
|---|---|
| Registration Number: | 035896IL001 |
| Name: | PHIBRO-TECH INC |
| Address: | 10 INDUSTRY AVE |
| Address 2: | Not reported |
| Country Code: | Not reported |
| Country: | Not reported |
| Contact Name: | Not reported |
| Contact Title: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Contact Telephone: | Not reported |
| Contact Email: | Not reported |
| Product Name: | WOLMAN E |
| Product Code: | 0 |
| EPA Product Registration Number: | 06219000022 |
| Product Type: | 2 |
| Product Classification: | 02 |
| Product Use: | 2 |
| Market Type: | 1 |
| Product Unit of Measure: | Not reported |
| Region: | Not reported |
| Zero Production: | Not reported |
| RUP: | Not reported |
| | |
| Report Year: | 2004 |
| Registration Number: | 035896IL001 |

Pre 2016:

| | |
|---|---|
| Registration Number: | 035896IL001 |
| Name: | PHIBRO-TECH INC |
| Address: | 10 INDUSTRY AVE |
| Address 2: | Not reported |
| Country Code: | Not reported |
| Country: | Not reported |
| Contact Name: | Not reported |
| Contact Title: | Not reported |
| Contact Telephone: | Not reported |
| Contact Email: | Not reported |
| Product Name: | WOLMAN E |
| Product Code: | 0 |
| EPA Product Registration Number: | 106219000022 |
| Product Type: | 2 |
| Product Classification: | 02 |
| Product Use: | 2 |
| Market Type: | 1 |
| Product Unit of Measure: | Not reported |
| Region: | Not reported |
| Zero Production: | Not reported |
| RUP: | Not reported |
| | |
| Report Year: | 2008 |
| Registration Number: | 035896-IL-001 |

Pre 2016:

| | |
|---|---|
| Registration Number: | 035896-IL-001 |
| Name: | PHIBRO-TECH INC |
| Address: | 10 INDUSTRY AVE |
| Address 2: | Not reported |
| Country Code: | Not reported |
| Country: | Not reported |
| Contact Name: | P: 815-727-3010 |
| Contact Title: | Not reported |
| Contact Telephone: | Not reported |
| Contact Email: | Not reported |
| Product Name: | Not reported |
| Product Code: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| EPA Product Registration Number: | Not reported |
| Product Type: | Not reported |
| Product Classification: | Not reported |
| Product Use: | Not reported |
| Market Type: | Not reported |
| Product Unit of Measure: | Not reported |
| Region: | 5 |
| Zero Production: | Yes |
| RUP: | Not reported |
| | |
| Report Year: | 2002 |
| Registration Number: | 035896IL001 |

Pre 2016:

| | |
|---|---|
| Registration Number: | 035896IL001 |
| Name: | PHIBRO-TECH INC |
| Address: | 10 INDUSTRY AVE |
| Address 2: | Not reported |
| Country Code: | Not reported |
| Country: | Not reported |
| Contact Name: | Not reported |
| Contact Title: | Not reported |
| Contact Telephone: | Not reported |
| Contact Email: | Not reported |
| Product Name: | COPPER CARBONATE WETCAK |
| Product Code: | 1 |
| EPA Product Registration Number: | 03589600027 |
| Product Type: | 1 |
| Product Classification: | 02 |
| Product Use: | 2 |
| Market Type: | 1 |
| Product Unit of Measure: | Not reported |
| Region: | 05 |
| Zero Production: | Not reported |
| RUP: | Not reported |
| | |
| Registration Number: | 035896IL001 |
| Name: | PHIBRO-TECH INC |
| Address: | 10 INDUSTRY AVE |
| Address 2: | Not reported |
| Country Code: | Not reported |
| Country: | Not reported |
| Contact Name: | Not reported |
| Contact Title: | Not reported |
| Contact Telephone: | Not reported |
| Contact Email: | Not reported |
| Product Name: | COPPER SULFATE LIQ |
| Product Code: | 1 |
| EPA Product Registration Number: | 01143500003 |
| Product Type: | 2 |
| Product Classification: | 02 |
| Product Use: | 2 |
| Market Type: | 1 |
| Product Unit of Measure: | Not reported |
| Region: | 05 |
| Zero Production: | Not reported |
| RUP: | Not reported |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Registration Number: | 035896IL001 |
| Name: | PHIBRO-TECH INC |
| Address: | 10 INDUSTRY AVE |
| Address 2: | Not reported |
| Country Code: | Not reported |
| Country: | Not reported |
| Contact Name: | Not reported |
| Contact Title: | Not reported |
| Contact Telephone: | Not reported |
| Contact Email: | Not reported |
| Product Name: | CUPRIC OXIDE TECHNICAL |
| Product Code: | 1 |
| EPA Product Registration Number: | 03589600021 |
| Product Type: | 1 |
| Product Classification: | 02 |
| Product Use: | 2 |
| Market Type: | 1 |
| Product Unit of Measure: | Not reported |
| Region: | 05 |
| Zero Production: | Not reported |
| RUP: | Not reported |

NY MANIFEST:

| | |
|---|---|
| Name: | PHIBRO TECH INC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| Country: | USA |
| EPA ID: | ILD062480850 |
| Facility Status: | Not reported |
| Location Address 1: | 10 INDUSTRY AVE |
| Code: | BP |
| Location Address 2: | Not reported |
| Total Tanks: | Not reported |
| Location City: | JOLIET |
| Location State: | IL |
| Location Zip: | 60435 |
| Location Zip 4: | 2652 |

NY MANIFEST:

| | |
|---|---|
| EPAID: | ILD062480850 |
| Mailing Name: | PHIBRO TECH INC |
| Mailing Contact: | KELLIE DIMAIO |
| Mailing Address 1: | 10 INDUSTRY AVE |
| Mailing Address 2: | Not reported |
| Mailing City: | JOLIET |
| Mailing State: | IL |
| Mailing Zip: | 60435 |
| Mailing Zip 4: | 2652 |
| Mailing Country: | USA |
| Mailing Phone: | 8157274465 |

WI MANIFEST:

| | |
|---|---|
| Name: | PHIBRO TECH INC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| Year: | 2006 |
| EPA ID: | ILD062480850 |
| FID: | 0 |
| ACT Code: | 290 |
| ACT Status: | A |
| ACT Code 1: | 290 |
| ACT Name: | Hazardous Waste Transporter - Commercial |
| Contact Title: | SLS |
| Contact Name: | KENNETH SELBY |
| Contact Address: | 10 INDUSTRY AVE |
| Contact City/State/Zip: | JOLIET, IL 60435 |
| Contact Telephone: | 8157271074 |
| Contact EMail Address: | Not reported |

| | |
|---|---|
| Name: | PHIBRO TECH INC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| Year: | 2006 |
| EPA ID: | ILD062480850 |
| FID: | 0 |
| ACT Code: | 209 |
| ACT Status: | A |
| ACT Code 1: | 209 |
| ACT Name: | HW TSD (Out-of-State) |
| Contact Title: | SLS |
| Contact Name: | KENNETH SELBY |
| Contact Address: | 10 INDUSTRY DR |
| Contact City/State/Zip: | JOLIET, IL 60435 |
| Contact Telephone: | 8157271074 |
| Contact EMail Address: | Not reported |

| | |
|---|---|
| Name: | PHIBRO TECH INC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| Year: | 2005 |
| EPA ID: | ILD062480850 |
| FID: | 0 |
| ACT Code: | 290 |
| ACT Status: | A |
| ACT Code 1: | 290 |
| ACT Name: | Hazardous Waste Transporter - Commercial |
| Contact Title: | SLS |
| Contact Name: | KENNETH SELBY |
| Contact Address: | 10 INDUSTRY AVE |
| Contact City/State/Zip: | JOLIET, IL 60435 |
| Contact Telephone: | 8157271074 |
| Contact EMail Address: | Not reported |

| | |
|---|---|
| Name: | PHIBRO TECH INC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| Year: | 2005 |
| EPA ID: | ILD062480850 |
| FID: | 0 |

**BLUESTONE SPECIALTY CHEMICALS, LLC (Continued)** **1000344816**

| | |
|---|---|
| ACT Code: | 209 |
| ACT Status: | A |
| ACT Code 1: | 209 |
| ACT Name: | HW TSD (Out-of-State) |
| Contact Title: | SLS |
| Contact Name: | KENNETH SELBY |
| Contact Address: | 10 INDUSTRY DR |
| Contact City/State/Zip: | JOLIET, IL 60435 |
| Contact Telephone: | 8157271074 |
| Contact EMail Address: | Not reported |

| | |
|---|---|
| Name: | PHIBRO TECH INC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| Year: | 2004 |
| EPA ID: | ILD062480850 |
| FID: | 0 |
| ACT Code: | 209 |
| ACT Status: | A |
| ACT Code 1: | 209 |
| ACT Name: | HW TSD (Out-of-State) |
| Contact Title: | SLS |
| Contact Name: | KENNETH SELBY |
| Contact Address: | 10 INDUSTRY DR |
| Contact City/State/Zip: | JOLIET, IL 60435 |
| Contact Telephone: | 8157271074 |
| Contact EMail Address: | Not reported |

| | |
|---|---|
| Name: | PHIBRO TECH INC |
| Address: | 10 INDUSTRY AVE |
| City,State,Zip: | JOLIET, IL 60435 |
| Year: | 2004 |
| EPA ID: | ILD062480850 |
| FID: | 0 |
| ACT Code: | 290 |
| ACT Status: | A |
| ACT Code 1: | 290 |
| ACT Name: | Hazardous Waste Transporter - Commercial |
| Contact Title: | SLS |
| Contact Name: | KENNETH SELBY |
| Contact Address: | 10 INDUSTRY AVE |
| Contact City/State/Zip: | JOLIET, IL 60435 |
| Contact Telephone: | 8157271074 |
| Contact EMail Address: | Not reported |

**23**
**SE**
**1/2-1**
**0.869 mi.**
**4588 ft.**

**CROSFIELD COMPANY**
**101 INGALLS AVENUE**
**JOLIET, IL 60435**

**EDR MGP** **1008407395**
**N/A**

**Relative:**
**Lower**

**Actual:**
**548 ft.**

EDR MGP:

No additional information available

---

**F24**
**NE**
**1/2-1**
**0.923 mi.**
**4876 ft.**

**TOYAL AMERICA, INC.**
**17401 SOUTH BROADWAY**
**LOCKPORT, IL 60441**

**Site 1 of 2 in cluster F**

**EDR MGP** **1008407406**
**N/A**

**Relative:**
**Lower**

**Actual:**
**564 ft.**

EDR MGP:

No additional information available

---

**F25**
**NE**
**1/2-1**
**0.923 mi.**
**4876 ft.**

**TOYAL AMERICA INC**
**17401 S BROADWAY**
**LOCKPORT, IL 60441**

**Site 2 of 2 in cluster F**

**SEMS-ARCHIVE** **1000150822**
**CORRACTS** **60434LCNTYROUTE**
**RCRA-TSDF**
**RCRA-LQG**
**2020 COR ACTION**
**TRIS**
**ICIS**
**US AIRS**
**FINDS**
**ECHO**
**PFAS ECHO**

**Relative:**
**Lower**

**Actual:**
**564 ft.**

SEMS Archive:

| | |
|---|---|
| Site ID: | 0506807 |
| EPA ID: | ILD000716860 |
| Name: | ALCAN-TOYO AMERICA INCORPORATED |
| Address: | 17401 SOUTH BROADWAY ROUTE 53 |
| Address 2: | Not reported |
| City,State,Zip: | LOCKPORT, IL 60441 |
| Cong District: | 04 |
| FIPS Code: | 17197 |
| FF: | N |
| NPL: | Not on the NPL |
| Non NPL Status: | Deferred to RCRA (Subtitle C) |

SEMS Archive Detail:

| | |
|---|---|
| Region: | 05 |
| Site ID: | 0506807 |
| EPA ID: | ILD000716860 |
| Site Name: | ALCAN-TOYO AMERICA INCORPORATED |
| NPL: | N |
| FF: | N |
| OU: | 00 |
| Action Code: | VS |
| Action Name: | ARCH SITE |
| SEQ: | 1 |
| Start Date: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Finish Date: 1995-12-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 05
Site ID: 0506807
EPA ID: ILD000716860
Site Name: ALCAN-TOYO AMERICA INCORPORATED
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1992-07-07 04:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 05
Site ID: 0506807
EPA ID: ILD000716860
Site Name: ALCAN-TOYO AMERICA INCORPORATED
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1992-01-17 05:00:00
Finish Date: 1992-01-17 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

CORRACTS:
Name: TOYAL AMERICA INC
Address: 17401 S BROADWAY
Address 2: Not reported
EPA ID: ILD000716860
Area Name: ENTIRE FACILITY
Corrective Action: RFA COMPLETED
Actual Date: 19920323
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOYAL AMERICA INC
Address: 17401 S BROADWAY
Address 2: Not reported
EPA ID: ILD000716860
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-MEDIUM CA PRIORITY
Actual Date: 19920605
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported

**TOYAL AMERICA INC (Continued)** **1000150822**

Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOYAL AMERICA INC
Address: 17401 S BROADWAY
Address 2: Not reported
EPA ID: ILD000716860
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION MEASURES EVALUATION-FURTHER INVESTIGATION NECESSARY
Actual Date: 19920908
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOYAL AMERICA INC
Address: 17401 S BROADWAY
Address 2: Not reported
EPA ID: ILD000716860
Area Name: ENTIRE FACILITY
Corrective Action: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Actual Date: 20160525
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOYAL AMERICA INC
Address: 17401 S BROADWAY
Address 2: Not reported
EPA ID: ILD000716860
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20151229
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: TOYAL AMERICA INC
Address: 17401 S BROADWAY
Address 2: Not reported
EPA ID: ILD000716860
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20180323
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA TSDF:
Treatment Storage and Disposal Type: Storage
Full Enforcement Universe: Not reported
Corrective Action Workload Universe: Yes
Permit Renewals Workload Universe: Not reported

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Permit Workload Universe: | Not reported |
| Permit Progress Universe: | Storage |
| Post-Closure Workload Universe: | Not reported |
| Closure Workload Universe: | Not reported |
| Operating TSDF Universe: | Not reported |
| Commercial TSD Indicator: | No |
| Active Site Fed-Reg Treatment Storage and Disposal Facility: | Not reported |
| Active Site Converter Treatment storage and Disposal Facility: | Not reported |
| Active Site State-Reg Treatment Storage and Disposal Facility: | Not reported |
| TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: | No |
| TSDFs Only Subject to CA under Discretionary Auth Universe: | Yes |

Biennial: List of Years
Year: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

RCRA Listings:

| | |
|---|---|
| Date Form Received by Agency: | 20230216 |
| Handler Name: | Toyal America Inc |
| Handler Address: | 17401 S BROADWAY |
| Handler City,State,Zip: | LOCKPORT, IL 60441 |
| EPA ID: | ILD000716860 |
| Contact Name: | MARK KALEJS |
| Contact Address: | Not reported |
| Contact City,State,Zip: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Contact Telephone: | 815-531-4618 |
| Contact Fax: | Not reported |
| Contact Email: | MARK.KALEJS@TOYALA.COM |
| Contact Title: | VP OPERATIONS |
| EPA Region: | 05 |
| Land Type: | Private |
| Federal Waste Generator Description: | Large Quantity Generator |
| Non-Notifier: | Not reported |
| Biennial Report Cycle: | 2022 |
| Accessibility: | Not reported |
| Active Site Indicator: | Handler Activities, Corrective Action Activities |
| State District Owner: | II |
| State District: | DESPLAINES |
| Mailing Address: | 17401 S BROADWAY |
| Mailing City,State,Zip: | LOCKPORT, IL 60441 |
| Owner Name: | Toyal America Inc |
| Owner Type: | Private |
| Operator Name: | Toyal America Inc |
| Operator Type: | Private |
| Short-Term Generator Activity: | No |
| Importer Activity: | No |
| Mixed Waste Generator: | No |
| Transporter Activity: | No |
| Transfer Facility Activity: | No |
| Recycler Activity with Storage: | No |
| Small Quantity On-Site Burner Exemption: | No |
| Smelting Melting and Refining Furnace Exemption: | No |
| Underground Injection Control: | No |
| Off-Site Waste Receipt: | No |
| Universal Waste Indicator: | Yes |
| Universal Waste Destination Facility: | Yes |
| Federal Universal Waste: | Yes |
| Active Site State-Reg Handler: | — |
| Federal Facility Indicator: | Not reported |
| Hazardous Secondary Material Indicator: | N |
| Sub-Part K Indicator: | Not reported |
| 2018 GPRA Permit Baseline: | Not on the Baseline |
| 2018 GPRA Renewals Baseline: | Not on the Baseline |
| 202 GPRA Corrective Action Baseline: | Yes |
| Subject to Corrective Action Universe: | Yes |
| Non-TSDFs Where RCRA CA has Been Imposed Universe: | No |
| Corrective Action Priority Ranking: | Medium |
| Environmental Control Indicator: | No |
| Institutional Control Indicator: | No |
| Human Exposure Controls Indicator: | Yes |
| Groundwater Controls Indicator: | Yes |
| Significant Non-Complier Universe: | No |
| Unaddressed Significant Non-Complier Universe: | No |
| Addressed Significant Non-Complier Universe: | No |
| Significant Non-Complier With a Compliance Schedule Universe: | No |
| Financial Assurance Required: | Not reported |
| Handler Date of Last Change: | 20230216 |
| Recognized Trader-Importer: | No |
| Recognized Trader-Exporter: | No |
| Importer of Spent Lead Acid Batteries: | No |
| Exporter of Spent Lead Acid Batteries: | No |
| Recycler Activity Without Storage: | No |

**TOYAL AMERICA INC (Continued)** **1000150822**

Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

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Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

Waste Code: D009
Waste Description: Mercury

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

**TOYAL AMERICA INC (Continued)** **1000150822**

Waste Code: D039
Waste Description: Tetrachloroethylene

Waste Code: F003
Waste Description: The Following Spent Nonhalogenated Solvents: Xylene, Acetone, Ethyl Acetate, Ethyl Benzene, Ethyl Ether, Methyl Isobutyl Ketone, N-Butyl Alcohol, Cyclohexanone, And Methanol; All Spent Solvent Mixtures/Blends Containing, Before Use, Only The Above Spent Nonhalogenated Solvents; And All Spent Solvent Mixtures/Blends Containing, Before Use, One Or More Of The Above Nonhalogenated Solvents, And A Total Of Ten Percent Or More (By Volume) Of One Or More Of Those Solvents Listed In F001, F002, F004, And F005; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: F005
Waste Description: The Following Spent Nonhalogenated Solvents: Toluene, Methyl Ethyl Ketone, Carbon Disulfide, Isobutanol, Pyridine, Benzene, 2-Ethoxyethanol, And 2-Nitropropane; All Spent Solvent Mixtures/Blends Containing, Before Use, A Total Of Ten Percent Or More (By Volume) Of One Or More Of The Above Nonhalogenated Solvents Or Those Solvents Listed In F001, F002, Or F004; And Still Bottoms From The Recovery Of These Spent Solvents And Spent Solvent Mixtures.

Waste Code: U028
Waste Description: 1,2-Benzenedicarboxylic Acid, Bis(2-Ethylhexyl) Ester (Or) Diethylhexyl Phthalate

Waste Code: U220
Waste Description: Benzene, Methyl- (Or) Toluene

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: TOYAL AMERICA INC
Legal Status: Private
Date Became Current: 19940107
Date Ended Current: Not reported
Owner/Operator Address: 17401 S BROADWAY
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: 815-531-4618
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MARK.KALEJS@TOYALA.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: ALCAN-TOYO AMERICA INC
Legal Status: Private
Date Became Current: 20020301
Date Ended Current: Not reported
Owner/Operator Address: 17401 ROUTE 53
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Owner/Operator Name: | ALCAN-TOYO AMERICA INC |
| Legal Status: | Private |
| Date Became Current: | 19940101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 RTE 53 |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: | ALCAN-TOYO AMERICA INC |
| Legal Status: | Private |
| Date Became Current: | 19940101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 RTE 53 |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: | ALCAN-TOYO AMERICA INC |
| Legal Status: | Private |
| Date Became Current: | 19940101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 S BROADWAY |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: | TOYAL AMERICA INC |
| Legal Status: | Private |
| Date Became Current: | 19940107 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 S BROADWAY |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | 815-531-4618 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | MARK.KALEJS@TOYALA.COM |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: | ALCAN-TOYO AMERICA INC |
| Legal Status: | Private |
| Date Became Current: | 19940101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 S BROADWAY |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOYAL AMERICA INC
Legal Status: Private
Date Became Current: 19940107
Date Ended Current: Not reported
Owner/Operator Address: 17401 S BROADWAY
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALCAN-TOYO AMERICA INC
Legal Status: Private
Date Became Current: 19801231
Date Ended Current: Not reported
Owner/Operator Address: 17401 RTE 53
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ALCAN-TOYO AMERICA INC
Legal Status: Private
Date Became Current: 19940101
Date Ended Current: Not reported
Owner/Operator Address: 17401 RTE 53
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALCAN-TOYO AMERICA INC
Legal Status: Private
Date Became Current: 19940101
Date Ended Current: Not reported
Owner/Operator Address: 17401 RTE 53
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALCAN-TOYO AMERICA INC
Legal Status: Private
Date Became Current: 19940101
Date Ended Current: Not reported
Owner/Operator Address: 17401 S BROADWAY
Owner/Operator City,State,Zip: LOCKPORT, IL 60441

**TOYAL AMERICA INC (Continued)** **1000150822**

Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOYAL AMERICA INC
Legal Status: Private
Date Became Current: 19940101
Date Ended Current: Not reported
Owner/Operator Address: 17401 S BROADWAY
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TOYAL AMERICA INC
Legal Status: Private
Date Became Current: 19940107
Date Ended Current: Not reported
Owner/Operator Address: 17401 S BROADWAY
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOYAL AMERICA INC
Legal Status: Private
Date Became Current: 19940101
Date Ended Current: Not reported
Owner/Operator Address: 17401 S BROADWAY
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: 815-531-4618
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MARK.KALEJS@TOYALA.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: ALCAN TOYO AMERICA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 17401 S BROADWAY
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: 815-740-3015
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALCAN-TOYO AMERICA INC
Legal Status: Private
Date Became Current: 19940101

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 RTE 53 |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: TOYAL AMERICA INC | |
| Legal Status: | Private |
| Date Became Current: | 19940101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 S BROADWAY |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: TOYAL AMERICA INC | |
| Legal Status: | Private |
| Date Became Current: | 19940107 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 S BROADWAY |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | 815-531-4618 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | MARK.KALEJS@TOYALA.COM |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: TOYAL AMERICA INC | |
| Legal Status: | Private |
| Date Became Current: | 19940107 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 S BROADWAY |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | 815-531-4618 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | MARK.KALEJS@TOYALA.COM |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: ALCAN-TOYO AMERICA INC | |
| Legal Status: | Private |
| Date Became Current: | 20020301 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 ROUTE 53 |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Owner/Operator Name: ALCAN ALUMINUM CORP | |
| Legal Status: | Private |
| Date Became Current: | Not reported |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 100 ERIEVIEW PLAZA |
| Owner/Operator City,State,Zip: | CITY NOT REPORTED, OH 99998 |
| Owner/Operator Telephone: | 216-523-6800 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: ALCAN-TOYO AMERICA INC | |
| Legal Status: | Private |
| Date Became Current: | 19940101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 RTE 53 |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: ALCAN-TOYO AMERICA INC | |
| Legal Status: | Private |
| Date Became Current: | 19940101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 RTE 53 |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Operator |
| Owner/Operator Name: TOYAL AMERICA INC | |
| Legal Status: | Private |
| Date Became Current: | 19940101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 S BROADWAY |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | Not reported |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |
| Owner/Operator Email: | Not reported |
| | |
| Owner/Operator Indicator: | Owner |
| Owner/Operator Name: TOYAL AMERICA INC | |
| Legal Status: | Private |
| Date Became Current: | 19940101 |
| Date Ended Current: | Not reported |
| Owner/Operator Address: | 17401 S BROADWAY |
| Owner/Operator City,State,Zip: | LOCKPORT, IL 60441 |
| Owner/Operator Telephone: | 815-531-4618 |
| Owner/Operator Telephone Ext: | Not reported |
| Owner/Operator Fax: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Owner/Operator Email: MARK.KALEJS@TOYALA.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: TOYAL AMERICA INC
Legal Status: Private
Date Became Current: 19940101
Date Ended Current: Not reported
Owner/Operator Address: 17401 S BROADWAY
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: 815-531-4618
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MARK.KALEJS@TOYALA.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: ALCAN-TOYO AMERICA INC
Legal Status: Private
Date Became Current: 19801231
Date Ended Current: Not reported
Owner/Operator Address: 17401 RTE 53
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TOYAL AMERICA INC
Legal Status: Private
Date Became Current: 19940101
Date Ended Current: Not reported
Owner/Operator Address: 17401 S BROADWAY
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: 815-531-4618
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: MARK.KALEJS@TOYALA.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: ALCAN-TOYO AMERICA INC
Legal Status: Private
Date Became Current: 19940101
Date Ended Current: Not reported
Owner/Operator Address: 17401 RTE 53
Owner/Operator City,State,Zip: LOCKPORT, IL 60441
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19801110
Handler Name: TOYAL AMERICA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

**TOYAL AMERICA INC (Continued)** **1000150822**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20100301
Handler Name: TOYAL AMERICA INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120301
Handler Name: TOYAL AMERICA INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120301
Handler Name: TOYAL AMERICA INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130301
Handler Name: TOYAL AMERICA INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Electronic Manifest Broker: | Not reported |
| Receive Date: | 20160301 |
| Handler Name: TOYAL AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | Yes |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |
| Receive Date: | 20180301 |
| Handler Name: TOYAL AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | Yes |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |
| Receive Date: | 20200220 |
| Handler Name: TOYAL AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | Yes |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |
| Receive Date: | 20210223 |
| Handler Name: TOYAL AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | II |
| Large Quantity Handler of Universal Waste: | Yes |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |
| Receive Date: | 20220309 |
| Handler Name: TOYAL AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| State District Owner: | II |
| Large Quantity Handler of Universal Waste: | Yes |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |

| | |
|---|---|
| Receive Date: | 20230216 |
| Handler Name: TOYAL AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | II |
| Large Quantity Handler of Universal Waste: | Yes |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | Yes |
| Non Storage Recycler Activity: | No |
| Electronic Manifest Broker: | No |

| | |
|---|---|
| Receive Date: | 19800818 |
| Handler Name: TOYAL AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 19900228 |
| Handler Name: ALCAN-TOYO AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 19920301 |
| Handler Name: ALCAN-TOYO AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |

**TOYAL AMERICA INC (Continued)** **1000150822**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940301
Handler Name: ALCAN-TOYO AMERICA INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960301
Handler Name: ALCAN-TOYO AMERICA INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980301
Handler Name: TOYAL AMERICA INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20000301
Handler Name: TOYAL AMERICA INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Receive Date: | 20020301 |
| Handler Name: TOYAL AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 20040301 |
| Handler Name: TOYAL AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 20060301 |
| Handler Name: TOYAL AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

| | |
|---|---|
| Receive Date: | 20080301 |
| Handler Name: TOYAL AMERICA INC | |
| Federal Waste Generator Description: | Large Quantity Generator |
| State District Owner: | Not reported |
| Large Quantity Handler of Universal Waste: | No |
| Recognized Trader Importer: | No |
| Recognized Trader Exporter: | No |
| Spent Lead Acid Battery Importer: | No |
| Spent Lead Acid Battery Exporter: | No |
| Current Record: | No |
| Non Storage Recycler Activity: | Not reported |
| Electronic Manifest Broker: | Not reported |

List of NAICS Codes and Descriptions:

| | |
|---|---|
| NAICS Code: | 32513 |
| NAICS Description: | SYNTHETIC DYE AND PIGMENT MANUFACTURING |
| NAICS Code: | 325131 |

**TOYAL AMERICA INC (Continued)** **1000150822**

NAICS Description: INORGANIC DYE AND PIGMENT MANUFACTURING

NAICS Code: 325132
NAICS Description: SYNTHETIC ORGANIC DYE AND PIGMENT MANUFACTURING

NAICS Code: 331
NAICS Description: PRIMARY METAL MANUFACTURING

NAICS Code: 331314
NAICS Description: SECONDARY SMELTING AND ALLOYING OF ALUMINUM

NAICS Code: 331492
NAICS Description: SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)

Has the Facility Received Notices of Violations:

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Contingency Plan and Emergency Procedures |
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LR1 |
| Date of Enforcement Action: | 20000531 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | 00-211 |
| Enforcement Attorney: | ILBK |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | IPCB ADMINISTRATIVE COMPLAINT |
| Enforcement Responsible Person: | ILBK |
| Enforcement Responsible Sub-Organization: | L2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General Facility Standards |
| Date Violation was Determined: | 19891012 |
| Actual Return to Compliance Date: | 19900213 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LS1 |
| Date of Enforcement Action: | 19891208 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMR |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Permits - General Information |
| Date Violation was Determined: | 20080507 |
| Actual Return to Compliance Date: | 20110401 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20080602 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | TMK |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General Facility Standards |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19891012 |
| Actual Return to Compliance Date: | 19900404 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LS1 |
| Date of Enforcement Action: | 19891208 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMR |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 19871020 |
| Actual Return to Compliance Date: | 19880520 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19880108 |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 19871211 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19990223
Actual Return to Compliance Date: 20011019
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: LR1
Date of Enforcement Action: 20000531
Enforcement Responsible Agency: State
Enforcement Docket Number: 00-211
Enforcement Attorney: ILBK
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: IPCB ADMINISTRATIVE COMPLAINT
Enforcement Responsible Person: ILBK
Enforcement Responsible Sub-Organization: L2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Permits - General Information

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 20080507 |
| Actual Return to Compliance Date: | 20110401 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20080602 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | TMK |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Contingency Plan and Emergency Procedures |
| Date Violation was Determined: | 19891012 |
| Actual Return to Compliance Date: | 19900213 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LS1 |
| Date of Enforcement Action: | 19891208 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILMR
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19891012
Actual Return to Compliance Date: 19900404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: LS1
Date of Enforcement Action: 19891208
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILMR
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported

**TOYAL AMERICA INC (Continued)** **1000150822**

Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19940922 |
| Actual Return to Compliance Date: | 20030428 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20010809 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | BOH |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - Pre-transport |
| Date Violation was Determined: | 19911112 |
| Actual Return to Compliance Date: | 19920528 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19920102 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - Records/Reporting |
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19931229 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19940819 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - Records/Reporting |
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19940404 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILMC
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 19990223
Actual Return to Compliance Date: 20001207
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: DV1
Date of Enforcement Action: 19990324
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: IL
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILJH
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General Facility Standards |
| Date Violation was Determined: | 19891012 |
| Actual Return to Compliance Date: | 19900404 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LS1 |
| Date of Enforcement Action: | 19891208 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMR |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19940819 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20011019 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LR1 |
| Date of Enforcement Action: | 20000531 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | 00-211 |
| Enforcement Attorney: | ILBK |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | IPCB ADMINISTRATIVE COMPLAINT |
| Enforcement Responsible Person: | ILBK |
| Enforcement Responsible Sub-Organization: | L2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Contingency Plan and Emergency Procedures |
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19940315
Actual Return to Compliance Date: 19940822
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: DV1
Date of Enforcement Action: 19940407
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: IL
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILRR
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 20010716 |
| Actual Return to Compliance Date: | 20030428 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20010809 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | BOH |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - Pre-transport |
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19940404 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILMC
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19990223
Actual Return to Compliance Date: 20011019
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: DV1
Date of Enforcement Action: 19990324
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: IL
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILJH
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20011019 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LR1 |
| Date of Enforcement Action: | 20000531 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | 00-211 |
| Enforcement Attorney: | ILBK |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | IPCB ADMINISTRATIVE COMPLAINT |
| Enforcement Responsible Person: | ILBK |
| Enforcement Responsible Sub-Organization: | L2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Preparedness and Prevention |
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19990324 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |
| Date Violation was Determined: | 19940922 |
| Actual Return to Compliance Date: | 20030428 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20010809 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | BOH |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |
| Date Violation was Determined: | 19911112 |
| Actual Return to Compliance Date: | 19920317 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19920102 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Manifest/Records/Reporting |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19940525 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |
| Date Violation was Determined: | 19911112 |
| Actual Return to Compliance Date: | 19920528 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19920301 |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19920102 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General Facility Standards |
| Date Violation was Determined: | 19911112 |
| Actual Return to Compliance Date: | 19920528 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19920102 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Preparedness and Prevention |
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20011019 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19990324 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Contingency Plan and Emergency Procedures |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19990324 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General Facility Standards |
| Date Violation was Determined: | 19891012 |
| Actual Return to Compliance Date: | 19900213 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LS1 |
| Date of Enforcement Action: | 19891208 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMR |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD IS-Closure/Post-Closure |
| Date Violation was Determined: | 20080507 |
| Actual Return to Compliance Date: | 20110401 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20080602 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | TMK |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19940922 |
| Actual Return to Compliance Date: | 20030428 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20010809 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | BOH |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | LDR - General |
| Date Violation was Determined: | 19940315 |
| Actual Return to Compliance Date: | 19940822 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19940407 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILRR
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19931119
Actual Return to Compliance Date: 19940819
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: DV1
Date of Enforcement Action: 19931215
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: IL
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILMC
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LR1 |
| Date of Enforcement Action: | 20000531 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | 00-211 |
| Enforcement Attorney: | ILBK |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | IPCB ADMINISTRATIVE COMPLAINT |
| Enforcement Responsible Person: | ILBK |
| Enforcement Responsible Sub-Organization: | L2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20011019 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19990324 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - Pre-transport |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19891012 |
| Actual Return to Compliance Date: | 19900607 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LS1 |
| Date of Enforcement Action: | 19891208 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMR |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General Facility Standards |
| Date Violation was Determined: | 19911112 |
| Actual Return to Compliance Date: | 19920317 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19920102 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |
| Date Violation was Determined: | 20010716 |
| Actual Return to Compliance Date: | 20030428 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20010809 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | BOH |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Permits - General Information |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 20080507 |
| Actual Return to Compliance Date: | 20110401 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20080602 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | TMK |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19990324 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILJH
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Preparedness and Prevention

**TOYAL AMERICA INC (Continued)** **1000150822**

Date Violation was Determined: 19891012
Actual Return to Compliance Date: 19900607
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: LS1
Date of Enforcement Action: 19891208
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILMR
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19931119
Actual Return to Compliance Date: 19940819
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: DV1
Date of Enforcement Action: 19931215
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: IL
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - General |
| Date Violation was Determined: | 19891012 |
| Actual Return to Compliance Date: | 19900213 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19891226 |
| Enforcement Identifier: | LS1 |
| Date of Enforcement Action: | 19891208 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMR |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |
| Date Violation was Determined: | 20010716 |
| Actual Return to Compliance Date: | 20030428 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20010809 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | BOH |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19990324 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILJH |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Preparedness and Prevention |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19891012 |
| Actual Return to Compliance Date: | 19900607 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LS1 |
| Date of Enforcement Action: | 19891208 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMR |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD IS-Closure/Post-Closure |
| Date Violation was Determined: | 20080507 |
| Actual Return to Compliance Date: | 20110401 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20080602 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | TMK |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LR1 |
| Date of Enforcement Action: | 20000531 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | 00-211 |
| Enforcement Attorney: | ILBK |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | IPCB ADMINISTRATIVE COMPLAINT |
| Enforcement Responsible Person: | ILBK |
| Enforcement Responsible Sub-Organization: | L2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Preparedness and Prevention |
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LR1 |
| Date of Enforcement Action: | 20000531 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | 00-211 |
| Enforcement Attorney: | ILBK |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Enforcement Type: IPCB ADMINISTRATIVE COMPLAINT
Enforcement Responsible Person: ILBK
Enforcement Responsible Sub-Organization: L2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19990223
Actual Return to Compliance Date: 20011019
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19940525 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | LDR - General |
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19940819 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |
| Date Violation was Determined: | 19940922 |
| Actual Return to Compliance Date: | 20030428 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20010809 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | BOH |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19940922 |
| Actual Return to Compliance Date: | 20030428 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20010809 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | BOH |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19940819 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILMC
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19940922
Actual Return to Compliance Date: 20030428
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: DV1
Date of Enforcement Action: 20010809
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: BOH
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20011019 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |
| Date Violation was Determined: | 19940922 |
| Actual Return to Compliance Date: | 20030428 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20010809 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: BOH
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined: 19891012
Actual Return to Compliance Date: 19900404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: LS1
Date of Enforcement Action: 19891208
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILMR
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Tank System Standards |
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20001207 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | LR1 |
| Date of Enforcement Action: | 20000531 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | 00-211 |
| Enforcement Attorney: | ILBK |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | IPCB ADMINISTRATIVE COMPLAINT |
| Enforcement Responsible Person: | ILBK |
| Enforcement Responsible Sub-Organization: | L2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Manifest/Records/Reporting |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19940525 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19940819 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILMC
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 19931119
Actual Return to Compliance Date: 19940525
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: DV1
Date of Enforcement Action: 19931215
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: IL
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: VIOLATION NOTICE (VN)
Enforcement Responsible Person: ILMC
Enforcement Responsible Sub-Organization: F2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19871020 |
| Actual Return to Compliance Date: | 19880520 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | 19880108 |
| Enforcement Identifier: | 002 |
| Date of Enforcement Action: | 19871211 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | WRITTEN INFORMAL |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Preparedness and Prevention |
| Date Violation was Determined: | 19940315 |
| Actual Return to Compliance Date: | 19940822 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19940407 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILRR |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | LDR - General |
| Date Violation was Determined: | 19911112 |
| Actual Return to Compliance Date: | 19920317 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19920102 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - Financial Requirements |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19940922 |
| Actual Return to Compliance Date: | 20030428 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20010809 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | BOH |
| Enforcement Responsible Sub-Organization: | R2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | No |
| Agency Which Determined Violation: | Not reported |
| Violation Short Description: | Not reported |
| Date Violation was Determined: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Return to Compliance Qualifier: | Not reported |
| Violation Responsible Agency: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General Facility Standards |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19940819 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

| | |
|---|---|
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD IS-Closure/Post-Closure |
| Date Violation was Determined: | 20080507 |
| Actual Return to Compliance Date: | 20110401 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 20080602 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | TMK |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | Generators - Manifest |
| Date Violation was Determined: | 19931119 |
| Actual Return to Compliance Date: | 19940404 |
| Return to Compliance Qualifier: | Observed |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | DV1 |
| Date of Enforcement Action: | 19931215 |
| Enforcement Responsible Agency: | State |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | IL |
| Corrective Action Component: | No |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | VIOLATION NOTICE (VN) |
| Enforcement Responsible Person: | ILMC |
| Enforcement Responsible Sub-Organization: | F2 |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |
| | |
| Found Violation: | Yes |
| Agency Which Determined Violation: | State |
| Violation Short Description: | TSD - General |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date Violation was Determined: | 19990223 |
| Actual Return to Compliance Date: | 20011019 |
| Return to Compliance Qualifier: | Documented |
| Violation Responsible Agency: | State |
| Scheduled Compliance Date: | Not reported |
| Enforcement Identifier: | Not reported |
| Date of Enforcement Action: | Not reported |
| Enforcement Responsible Agency: | Not reported |
| Enforcement Docket Number: | Not reported |
| Enforcement Attorney: | Not reported |
| Corrective Action Component: | Not reported |
| Appeal Initiated Date: | Not reported |
| Appeal Resolution Date: | Not reported |
| Disposition Status Date: | Not reported |
| Disposition Status: | Not reported |
| Disposition Status Description: | Not reported |
| Consent/Final Order Sequence Number: | Not reported |
| Consent/Final Order Respondent Name: | Not reported |
| Consent/Final Order Lead Agency: | Not reported |
| Enforcement Type: | Not reported |
| Enforcement Responsible Person: | Not reported |
| Enforcement Responsible Sub-Organization: | Not reported |
| SEP Sequence Number: | Not reported |
| SEP Expenditure Amount: | Not reported |
| SEP Scheduled Completion Date: | Not reported |
| SEP Actual Date: | Not reported |
| SEP Defaulted Date: | Not reported |
| SEP Type: | Not reported |
| SEP Type Description: | Not reported |
| Proposed Amount: | Not reported |
| Final Monetary Amount: | Not reported |
| Paid Amount: | Not reported |
| Final Count: | Not reported |
| Final Amount: | Not reported |

Evaluation Action Summary:

| | |
|---|---|
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891012 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900213 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080507 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TMK |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20110401 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891012 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900404 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19871020 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | Not reported |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 19880520 |
| Scheduled Compliance Date: | 19880108 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20011019 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20110308 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOCUSED COMPLIANCE INSPECTION |
| Evaluation Responsible Person Identifier: | TMK |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20110401 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19891012 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900213 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19891012 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900404 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20110328 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | TMK |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19920309 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20190723 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20011213 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | GJY |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20030428 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19911112 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19920528 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 19931119 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19931229 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 19931119 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940819 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 19931119 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940404 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19891012 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900404 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19940315 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILRR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940819 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19990430 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | EDG |
| Evaluation Responsible Sub-Organization: | L2 |
| Actual Return to Compliance Date: | 20011019 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19940315 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILRR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940822 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20011106 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | GJY |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20030428 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19931119 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940404 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20011019 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Evaluation Date: | 20001030 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20011019 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19940720 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILRR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19880120 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE SCHEDULE EVALUATION |
| Evaluation Responsible Person Identifier: | Not reported |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20010716 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | BOH |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20030428 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19911112 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19920317 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19931119 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940525 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19911112 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19920528 |
| Scheduled Compliance Date: | 19920301 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19911112 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19920528 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19900502 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE SCHEDULE EVALUATION |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20001030 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20011019 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891012 |
| Evaluation Responsible Agency: | State |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900213 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080717 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | TMK |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20110401 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19940922 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20030428 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19940315 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILRR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940822 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19940315 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILRR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940819 |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19990430 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | EDG |
| Evaluation Responsible Sub-Organization: | L2 |
| Actual Return to Compliance Date: | 20011019 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20021002 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FOCUSED COMPLIANCE INSPECTION |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891012 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900607 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Evaluation Date: | 19911112 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19920317 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20010716 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | BOH |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20030428 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20080717 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | TMK |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20110401 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20020726 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FOCUSED COMPLIANCE INSPECTION |
| Evaluation Responsible Person Identifier: | RSO |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891012 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900607 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19931119 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940819 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891012 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900213 |
| Scheduled Compliance Date: | 19891226 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20011213 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | GJY |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20030428 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19891012 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900607 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20080507 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | TMK |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20110401 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20140715 |
| Evaluation Responsible Agency: | State |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20001030 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | JXH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20011019 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19940315 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILRR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940525 |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19931119 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940819 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20010716 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | BOH |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20030428 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20011106 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | GJY |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20030428 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19940315 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILRR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940819 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Evaluation Date: | 20011213 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | GJY |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20030428 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20011019 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20011106 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | NON-FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | GJY |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20030428 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 19891012 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19900404 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

| | |
|---|---|
| Evaluation Date: | 20011019 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | NOT A SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | JXH |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19990223 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILJH |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20001207 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19880420 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | COMPLIANCE SCHEDULE EVALUATION |
| Evaluation Responsible Person Identifier: | Not reported |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19931119 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940525 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19931119 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940819 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 19940315 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILRR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940525 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 19871020 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | Not reported |
| Evaluation Responsible Sub-Organization: | Not reported |
| Actual Return to Compliance Date: | 19880520 |
| Scheduled Compliance Date: | 19880108 |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 19940315 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILRR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940822 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 19911112 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19920317 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| Evaluation Date: | 19940922 |
| Evaluation Responsible Agency: | State |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Found Violation: | Yes |
| Evaluation Type Description: | FINANCIAL RECORD REVIEW |
| Evaluation Responsible Person Identifier: | ILJM |
| Evaluation Responsible Sub-Organization: | R2 |
| Actual Return to Compliance Date: | 20030428 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20020830 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | GROUNDWATER MONITORING EVALUATION |
| Evaluation Responsible Person Identifier: | GSB |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19940815 |
| Evaluation Responsible Agency: | State |
| Found Violation: | No |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILRR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | Not reported |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19940315 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOLLOW-UP INSPECTION |
| Evaluation Responsible Person Identifier: | ILRR |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940819 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 20110308 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | FOCUSED COMPLIANCE INSPECTION |
| Evaluation Responsible Person Identifier: | TMK |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 20110401 |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19931119 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Evaluation Responsible Person Identifier: | ILMC |
| Evaluation Responsible Sub-Organization: | F2 |
| Actual Return to Compliance Date: | 19940404 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |
| | |
| Evaluation Date: | 19990430 |
| Evaluation Responsible Agency: | State |
| Found Violation: | Yes |
| Evaluation Type Description: | SIGNIFICANT NON-COMPLIER |
| Evaluation Responsible Person Identifier: | EDG |
| Evaluation Responsible Sub-Organization: | L2 |
| Actual Return to Compliance Date: | 20011019 |
| Scheduled Compliance Date: | Not reported |
| Date of Request: | Not reported |
| Date Response Received: | Not reported |
| Request Agency: | Not reported |
| Former Citation: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

2020 COR ACTION:
EPA ID: ILD000716860
Region: 5
Action: Remedy Construction

Facility, Chemical, Releases and Other Waste Management Summary Information:

| | |
|---|---|
| TRI ID: | 60434LCNTYROUTE |
| Form Type: | Form R |
| Reporting year: | 2021 |
| Trade secret indicator: | NO |
| Sanitized indicator: | NO |
| Title of certifying official: | VICE PRESIDENT OPERATIONS MARK KALEJS |
| Certifying officials signature indicator: | ELECTRONIC |
| Date signed: | 2022-06-30 |
| Name: | TOYAL AMERICA INC |
| Address: | 17401 S BROADWAY |
| City,State,Zip: | LOCKPORT, IL 60441 |
| BIA code: | Not reported |
| Tribe name: | Not reported |
| Mailing name: | TOYAL AMERICA INC |
| Mailing street: | 17401 S BROADWAY |
| Mailing province: | Not reported |
| Mailing City,State,Zip: | LOCKPORT, IL 60441 |
| Entire facility ind: | YES |
| Partial facility ind: | NO |
| Federal facility ind: | NO |
| Goco facility ind: | NO |
| Assigned fed facility flag: | NO |
| Public contact name: | MARK KALEJS |
| Public contact phone and Ext: | 8155314618 |
| Public contact email: | MARK.KALEJS@TOYALA.COM |
| Primary sic code: | Not reported |
| Sic code 2: | Not reported |
| Sic code 3: | Not reported |
| Sic code 4: | Not reported |
| Sic code 5: | Not reported |
| Sic code 6: | Not reported |
| Naics origin: | Not reported |
| Primary naics code: | 331314 |
| Naics code 2: | Not reported |
| Naics code 3: | Not reported |
| Naics code 4: | Not reported |
| Naics code 5: | Not reported |
| Naics code 6: | Not reported |
| Latitude: | 41.570481 |
| Longitude: | -88.08406 |
| D and B number A: | 037041159 |
| D and B number B: | Not reported |
| RCRA number A: | ILD000716860 |
| RCRA number B: | Not reported |
| RCRA number C: | Not reported |
| RCRA number D: | Not reported |
| RCRA number E: | Not reported |
| RCRA number F: | Not reported |
| RCRA number G: | Not reported |
| RCRA number H: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| NPDES number A: | Not reported |
| NPDES number B: | Not reported |
| NPDES number C: | Not reported |
| NPDES number D: | Not reported |
| NPDES number E: | Not reported |
| NPDES number F: | Not reported |
| NPDES number G: | Not reported |
| Parent company name: | Not reported |
| Parent company D and B number: | Not reported |
| Standardized parent company name: | NA |
| Document control number: | 1321220304404 |
| TRI ID: | 60434LCNTYROUTE |
| Cas number: | 0001330207 |
| Chemical name: | Xylene (mixed isomers) |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Metal ind: | NO |
| Revision code 1: | Not reported |
| Revision code 2: | Not reported |
| Maximum amount on site: | 03 |
| Fugitive air emissions - total release pounds: | 154 |
| Fugitive air emissions - total release range code: | Not reported |
| Total fugitive air emissions: | 154 |
| Fugitive air emissions - basis of estimate: | Other |
| Stack air emissions - release pounds: | 148 |
| Stack air emissions - release range code: | Not reported |
| Total stack air emissions: | 148 |
| Stack air emissions - basis of estimate: | Other |
| Total air emissions: | 302 |
| Discharges to stream a - stream name: | NA |
| Total discharges to stream a: | 0 |
| Discharges to stream a - basis of estimate: | Not reported |
| Discharges to stream a - % from stormwater: | Not reported |
| Discharges to stream b - stream name: | Not reported |
| Total discharges to stream b: | Not reported |
| Discharges to stream b - basis of estimate: | Not reported |
| Discharges to stream b - % from stormwater: | Not reported |
| Discharges to stream c - stream name: | Not reported |
| Total discharges to stream c: | Not reported |
| Discharges to stream c - basis of estimate: | Not reported |
| Discharges to stream c - % from stormwater: | Not reported |
| Discharges to stream d - stream name: | Not reported |
| Total discharges to stream d: | Not reported |
| Discharges to stream d - basis of estimate: | Not reported |
| Discharges to stream d - % from stormwater: | Not reported |
| Discharges to stream e - stream name: | Not reported |
| Total discharges to stream e: | Not reported |
| Discharges to stream e - basis of estimate: | Not reported |
| Discharges to stream e - % from stormwater: | Not reported |
| Discharges to stream f - stream name: | Not reported |
| Total discharges to stream f: | Not reported |
| Discharges to stream f - basis of estimate: | Not reported |
| Discharges to stream f - % from stormwater: | Not reported |
| Discharges to stream g - stream name: | Not reported |
| Total discharges to stream g: | Not reported |
| Discharges to stream g - basis of estimate: | Not reported |
| Discharges to stream g - % from stormwater: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Discharges to stream h - stream name: | Not reported |
| Discharges to stream h - release pounds: | Not reported |
| Discharges to stream h - release range code: | Not reported |
| Total discharges to stream h: | Not reported |
| Discharges to stream h - basis for estimate: | Not reported |
| Discharges to stream h - % from stormwater: | Not reported |
| Total number of receiving streams: | 0 |
| Total surface water discharge: | 0 |
| Total on-site underground inj - pounds: | Not reported |
| On-site underground inj - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl i wells - pounds: | 0 |
| On-site underground inj to c1 i wells - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl ii-v wells - pounds: | 0 |
| On-site ungrnd inj to cl ii-v wells - basis of estimate: | Not reported |
| Total on-site underground injection: | 0 |
| Total on-site landfills: | Not reported |
| On-site landfills - basis of estimate: | Not reported |
| Total on-site RCRA subtitle c landfills: | 0 |
| On-site RCRA subtitle c landfills - basis of estimate: | Not reported |
| Total other on-site landfills: | 0 |
| Other landfills - basis of estimate: | Not reported |
| Total on-site land treatment: | 0 |
| Land trtmt/appl farming - basis of estimate: | Not reported |
| Total surface impoundments: | Not reported |
| Surface impoundment - basis of estimate: | Not reported |
| Total RCRA c surface impoundments: | 0 |
| RCRA c Surface impoundment - basis of estimate: | Not reported |
| Total other surface impoundments: | 0 |
| Other surface impoundment - basis of estimate: | Not reported |
| Total other disposal: | 0 |
| Other disposal - basis of estimate: | Not reported |
| Total on-site land releases: | 0 |
| Total on-site releases: | 302 |
| Off-site - POTW releases: | 4 |
| Off-site - storage only: | 0 |
| Off-site - solid/stab - metals: | 0 |
| Off-site - wastewater treatment release - metals: | 0 |
| Off-site - solid/stab - release - metals: | 0 |
| Off-site - wastewater treatment - metals: | 0 |
| Off-site - underground injection: | 0 |
| Off-site - underground injection - class 1 wells: | 0 |
| Off-site - underground injection - class ii-v wells: | 0 |
| Off-site - landfills/disposal surface impoundments: | 0 |
| Off-site - surface impoundment: | 0 |
| Off-site - RCRA subtitle c surface impoundments: | 0 |
| Off-site - other surface impoundments: | 0 |
| Off-site - other landfills: | 0 |
| Off-site - RCRA subtitle c landfills: | 0 |
| Off-site - disposal - land treatment: | 0 |
| Off-site - disposal - other land disposal: | 0 |
| Off-site - disposal - other off-site management: | 0 |
| Off-site - disposal - transfer to waste broker: | 0 |
| Off-site - disposal - unknown: | 0 |
| Total transferred off site for disposal: | 4 |
| Off-site - recycling - solvents/organics recovery: | 0 |
| Off-site - recycling -metals recovery: | 0 |
| Off-site - recycling - other reuse or recovery: | 0 |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Off-site - recycling - acid regeneration: | 0 |
| Off-site - recycling - transfer to waste broker: | 0 |
| Total transferred off site for recycling: | 0 |
| Off-site - energy recovery: | 828 |
| Off-site - transfer to waste broker for energy recovery: | 0 |
| Total transferred off site for energy recovery: | 828 |
| Off-site - POTW treatment: | 16 |
| Off-site - solid/stab treatment - non metals: | 0 |
| Off-site -incineration/thermal treatment: | 67.5 |
| Off-site - incineration/insignificant heat value: | 0 |
| Off-site - wastewater treatment - non-metals: | 0 |
| Off-site - other waste treatment: | 0 |
| Off-site - transfer to waste broker - waste treatment: | 0 |
| Total transferred off site for treatment: | 83.5 |
| Off-site - transfer to waste broker: | 0 |
| Total transferred off site for further waste management: | 915.5 |
| Total POTW transfer: | 20 |
| Energy recovery on site current year: | 0 |
| Recycled on site current year: | 16100 |
| Treated on site current year: | 5600 |
| Total on-site waste management: | 21700 |
| On-site energy recovery method 1: | Not Applicable |
| On-site energy recovery method 2: | Not reported |
| On-site energy recovery method 3: | Not Applicable |
| On-site energy recovery method 4: | Not reported |
| On-site recycling processes method 1: | Solvent recovery (including distillation, evaporation, fractionation or extraction) |
| On-site recycling processes method 2: | Not reported |
| On-site recycling processes method 3: | Not reported |
| On-site recycling processes method 4: | Not reported |
| On-site recycling processes method 5: | Not reported |
| On-site recycling processes method 6: | Not reported |
| On-site recycling processes method 7: | Not reported |
| FRS Facility ID: | 110000432666 |
| Elemental Metal Included: | NO |
| Waste Rock Pile managed Indicator: | 0 |
| Waste Rock Quantity: | Not reported |
| Off Site - POTW Releases 81C: | .6 |
| Off Site - POTW Releases 81D: | 3.4 |
| Assigned Partial Facility Flag: | NO |
| Case Number: | 1330-20-7 |
| Mixture Name: | NA |
| Clean Air Act Ind: | YES |
| Carcinogen Ind: | NO |
| PFAS Ind: | NO |

Chemical Activities and Uses:

| | |
|---|---|
| Cas number: | 0001330207 |
| Document control number: | 1321220304404 |
| Chemical name: | Xylene (mixed isomers) |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Produce the chemical: | No |
| Import the chemical: | Yes |
| On-site use of the chemical: | Yes |
| Sale or distribution of the chemical: | Yes |
| As a byproduct: | No |
| As a manufactured impurity: | No |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Used as a reactant: | No |
| P101 feedstocks: | No |
| P102 raw materials: | No |
| P103 intermediates: | No |
| P104 initiators: | No |
| P199 other: | No |
| Added as a formulation component: | Yes |
| P201 additives: | No |
| P202 dyes: | No |
| P203 reaction diluents: | No |
| P204 initiators: | No |
| P205 solvents: | Yes |
| P206 inhibitors: | No |
| P207 emulsifiers: | No |
| P208 surfactants: | No |
| P209 lubricants: | No |
| P210 flame retardants: | No |
| P211 rheological modifiers: | No |
| P299 other: | No |
| Used as an article component: | No |
| Repackaging: | No |
| As a process impurity: | No |
| Processed / recycling: | No |
| Used as a chemical processing aid: | No |
| Z101 process solvents: | No |
| Z102 catalysts: | No |
| Z103 inhibitors: | No |
| Z104 initiators: | No |
| Z105 reaction terminators: | No |
| Z106 solution buffers: | No |
| Z199 other: | No |
| Used as a manufacturing aid: | Yes |
| Z201 process lubricants: | No |
| Z202 metalworking fluids: | No |
| Z203 coolants: | No |
| Z204 refrigerants: | No |
| Z205 hydraulic fluids: | No |
| Z299 other: | Yes |
| Ancillary or other use: | No |
| Z301 cleaner: | No |
| Z302 degreaser: | No |
| Z303 lubricant: | No |
| Z304 fuel: | No |
| Z305 flame retardant: | No |
| Z306 waste treatment: | No |
| Z307 water treatment: | No |
| Z308 construction materials: | No |
| Z399 other: | No |

| | |
|---|---|
| Submitted Facility Name: | Not reported |
| Submitted Street: | Not reported |
| Submitted City: | Not reported |
| Submitted County: | Not reported |
| Submitted State: | Not reported |
| Submitted Zip Code: | Not reported |
| Submitted BIA Code: | Not reported |
| Submitted Tribe Name: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Submitted Parent Company Name: | Not reported |
| Submitted Parent Company DB Number: | Not reported |
| Submitted Standardized Parent Company Name: | Not reported |
| Submitted Primary NAICS Code: | Not reported |
| Submitted Industry Code: | 999 |
| Submitted Industry Name: | Other |
| Industry Code: | 331 |
| Industry Name: | Primary Metals |
| Last year the facility reported: | 2021 |
| First year the facility reported: | 1987 |
| Number of forms submitted: | 5 |
| Total number of forms submitted: | 137 |
| Assigned Agency: | Not reported |

Detailed On-site Waste Treatment Methods and Efficiency:

| | |
|---|---|
| Cas number: | 0001330207 |
| Document control number: | 1321220304404 |
| Chemical name: | Xylene (mixed isomers) |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Stream 1 - waste stream code: | Wastewater (aqueous waste) |
| Stream 1 - trtmt method - sequence 1: | Phase separation |
| Stream 1 - trtmt method - sequence 2: | Not reported |
| Stream 1 - trtmt method - sequence 3: | Not reported |
| Stream 1 - trtmt method - sequence 4: | Not reported |
| Stream 1 - trtmt method - sequence 5: | Not reported |
| Stream 1 - trtmt method - sequence 6: | Not reported |
| Stream 1 - trtmt method - sequence 7: | Not reported |
| Stream 1 - trtmt method - sequence 8: | Not reported |
| Stream 1 - based on operating data: | NO |
| Stream 2 - waste stream code: | Gaseous (gases, vapors, airborne particulates) |
| Stream 2 - trtmt method - sequence 1: | Incineration--thermal destruction other than use as a fuel |
| Stream 2 - trtmt method - sequence 2: | Not reported |
| Stream 2 - trtmt method - sequence 3: | Not reported |
| Stream 2 - trtmt method - sequence 4: | Not reported |
| Stream 2 - trtmt method - sequence 5: | Not reported |
| Stream 2 - trtmt method - sequence 6: | Not reported |
| Stream 2 - trtmt method - sequence 7: | Not reported |
| Stream 2 - trtmt method - sequence 8: | Not reported |
| Stream 2 - based on operating data: | NO |
| Stream 3 - waste stream code: | Not reported |
| Stream 3 - trtmt method - sequence 1: | Not reported |
| Stream 3 - trtmt method - sequence 2: | Not reported |
| Stream 3 - trtmt method - sequence 3: | Not reported |
| Stream 3 - trtmt method - sequence 4: | Not reported |
| Stream 3 - trtmt method - sequence 5: | Not reported |
| Stream 3 - trtmt method - sequence 6: | Not reported |
| Stream 3 - trtmt method - sequence 7: | Not reported |
| Stream 3 - trtmt method - sequence 8: | Not reported |
| Stream 3 - based on operating data: | Not reported |
| Stream 4 - waste stream code: | Not reported |
| Stream 4 - trtmt method - sequence 1: | Not reported |
| Stream 4 - trtmt method - sequence 2: | Not reported |
| Stream 4 - trtmt method - sequence 3: | Not reported |
| Stream 4 - trtmt method - sequence 4: | Not reported |
| Stream 4 - trtmt method - sequence 5: | Not reported |
| Stream 4 - trtmt method - sequence 6: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Stream 4 - trtmt method - sequence 7: | Not reported |
| Stream 4 - trtmt method - sequence 8: | Not reported |
| Stream 4 - based on operating data: | Not reported |
| Stream 5 - waste stream code: | Not reported |
| Stream 5 - trtmt method - sequence 1: | Not reported |
| Stream 5 - trtmt method - sequence 2: | Not reported |
| Stream 5 - trtmt method - sequence 3: | Not reported |
| Stream 5 - trtmt method - sequence 4: | Not reported |
| Stream 5 - trtmt method - sequence 5: | Not reported |
| Stream 5 - trtmt method - sequence 6: | Not reported |
| Stream 5 - trtmt method - sequence 7: | Not reported |
| Stream 5 - trtmt method - sequence 8: | Not reported |
| Stream 5 - based on operating data: | Not reported |

Details of Off-site Transfers:

| | |
|---|---|
| Cas number: | 0001330207 |
| Document control number: | 1321220304404 |
| Chemical name: | Xylene (mixed isomers) |
| Classification: | TRI |
| Offsite RCRA id nr: | NED981723513 |
| Offsite transfer sequence number: | 2 |
| Offsite name: | CLEAN HARBORS ENVIRONMENTAL SERVICES, INC. |
| Offsite street address: | 2247 S. HWY 71 |
| Offsite City,State,Zip: | KIMBALL, NE 69145 |
| Offsite county: | KIMBALL |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Total amount transferred offsite for disposal: | 0 |
| Total amount transferred offsite for recycling: | 0 |
| Total amount transferred offsite for energy recovery: | 0 |
| Offsite incineration/thermal treatment m50 LBS: | .5 |
| Offsite incineration/thermal treatment m50 BOE: | Other |
| Total amount transferred offsite for treatment: | .5 |
| FRS ID - Transfer Location: | 110041638458 |

| | |
|---|---|
| Offsite RCRA id nr: | ILD000666206 |
| Offsite transfer sequence number: | 3 |
| Offsite name: | ENVIRITE OF ILLINOIS INC |
| Offsite street address: | 16435 S CENTER AVE |
| Offsite City,State,Zip: | HARVEY, IL 60426 |
| Offsite county: | COOK |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Total amount transferred offsite for disposal: | 0 |
| Total amount transferred offsite for recycling: | 0 |
| Total amount transferred offsite for energy recovery: | 0 |
| Offsite incineration/thermal treatment m50 LBS: | 17 |
| Offsite incineration/thermal treatment m50 BOE: | Other |
| Total amount transferred offsite for treatment: | 17 |
| FRS ID - Transfer Location: | 110000494590 |

| | |
|---|---|
| Offsite RCRA id nr: | MOD981127319 |
| Offsite transfer sequence number: | 4 |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Offsite name: | LONE STAR INDUSTRIES INC |
| Offsite street address: | 2524 S SPRIGG ST |
| Offsite City,State,Zip: | CAPE GIRARDEAU, MO 63703 |
| Offsite county: | SCOTT |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Total amount transferred offsite for disposal: | 0 |
| Total amount transferred offsite for recycling: | 0 |
| Offsite energy recovery m56 LBS: | 828 |
| Offsite energy recovery m56 BOE: | Other |
| Total amount transferred offsite for energy recovery: | 828 |
| Total amount transferred offsite for treatment: | 0 |
| FRS ID - Transfer Location: | 110000442423 |

| | |
|---|---|
| Offsite RCRA id nr: | ARD069748192 |
| Offsite transfer sequence number: | 5 |
| Offsite name: | CLEAN HARBORS EL DORADO, LLC |
| Offsite street address: | 309 AMERICAN CIRCLE |
| Offsite City,State,Zip: | EL DORADO, AR 71730 |
| Offsite county: | UNION |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Total amount transferred offsite for disposal: | 0 |
| Total amount transferred offsite for recycling: | 0 |
| Total amount transferred offsite for energy recovery: | 0 |
| Offsite incineration/thermal treatment m50 LBS: | 50 |
| Offsite incineration/thermal treatment m50 BOE: | Other |
| Total amount transferred offsite for treatment: | 50 |
| FRS ID - Transfer Location: | 110000521221 |

| | |
|---|---|
| TRI ID: | 60434LCNTYROUTE |
| Cas number: | 0000098828 |
| Chemical name: Cumene | |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Metal ind: | NO |
| Revision code 1: | Not reported |
| Revision code 2: | Not reported |
| Maximum amount on site: | 03 |
| Fugitive air emissions - total release pounds: | 90 |
| Fugitive air emissions - total release range code: | Not reported |
| Total fugitive air emissions: | 90 |
| Fugitive air emissions - basis of estimate: | Other |
| Stack air emissions - release pounds: | 90 |
| Stack air emissions - release range code: | Not reported |
| Total stack air emissions: | 90 |
| Stack air emissions - basis of estimate: | Other |
| Total air emissions: | 180 |
| Discharges to stream a - stream name: | NA |
| Total discharges to stream a: | 0 |
| Discharges to stream a - basis of estimate: | Not reported |
| Discharges to stream a - % from stormwater: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Discharges to stream b - stream name: | Not reported |
| Total discharges to stream b: | Not reported |
| Discharges to stream b - basis of estimate: | Not reported |
| Discharges to stream b - % from stormwater: | Not reported |
| Discharges to stream c - stream name: | Not reported |
| Total discharges to stream c: | Not reported |
| Discharges to stream c - basis of estimate: | Not reported |
| Discharges to stream c - % from stormwater: | Not reported |
| Discharges to stream d - stream name: | Not reported |
| Total discharges to stream d: | Not reported |
| Discharges to stream d - basis of estimate: | Not reported |
| Discharges to stream d - % from stormwater: | Not reported |
| Discharges to stream e - stream name: | Not reported |
| Total discharges to stream e: | Not reported |
| Discharges to stream e - basis of estimate: | Not reported |
| Discharges to stream e - % from stormwater: | Not reported |
| Discharges to stream f - stream name: | Not reported |
| Total discharges to stream f: | Not reported |
| Discharges to stream f - basis of estimate: | Not reported |
| Discharges to stream f - % from stormwater: | Not reported |
| Discharges to stream g - stream name: | Not reported |
| Total discharges to stream g: | Not reported |
| Discharges to stream g - basis of estimate: | Not reported |
| Discharges to stream g - % from stormwater: | Not reported |
| Discharges to stream h - stream name: | Not reported |
| Discharges to stream h - release pounds: | Not reported |
| Discharges to stream h - release range code: | Not reported |
| Total discharges to stream h: | Not reported |
| Discharges to stream h - basis for estimate: | Not reported |
| Discharges to stream h - % from stormwater: | Not reported |
| Total number of receiving streams: | 0 |
| Total surface water discharge: | 0 |
| Total on-site underground inj - pounds: | Not reported |
| On-site underground inj - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl i wells - pounds: | 0 |
| On-site underground inj to c1 i wells - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl ii-v wells - pounds: | 0 |
| On-site ungrnd inj to cl ii-v wells - basis of estimate: | Not reported |
| Total on-site underground injection: | 0 |
| Total on-site landfills: | Not reported |
| On-site landfills - basis of estimate: | Not reported |
| Total on-site RCRA subtitle c landfills: | 0 |
| On-site RCRA subtitle c landfills - basis of estimate: | Not reported |
| Total other on-site landfills: | 0 |
| Other landfills - basis of estimate: | Not reported |
| Total on-site land treatment: | 0 |
| Land trtmt/appl farming - basis of estimate: | Not reported |
| Total surface impoundments: | Not reported |
| Surface impoundment - basis of estimate: | Not reported |
| Total RCRA c surface impoundments: | 0 |
| RCRA c Surface impoundment - basis of estimate: | Not reported |
| Total other surface impoundments: | 0 |
| Other surface impoundment - basis of estimate: | Not reported |
| Total other disposal: | 0 |
| Other disposal - basis of estimate: | Not reported |
| Total on-site land releases: | 0 |
| Total on-site releases: | 180 |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Off-site - POTW releases: | 2 |
| Off-site - storage only: | 0 |
| Off-site - solid/stab - metals: | 0 |
| Off-site - wastewater treatment release - metals: | 0 |
| Off-site - solid/stab - release - metals: | 0 |
| Off-site - wastewater treatment - metals: | 0 |
| Off-site - underground injection: | 0 |
| Off-site - underground injection - class 1 wells: | 0 |
| Off-site - underground injection - class ii-v wells: | 0 |
| Off-site - landfills/disposal surface impoundments: | 0 |
| Off-site - surface impoundment: | 0 |
| Off-site - RCRA subtitle c surface impoundments: | 0 |
| Off-site - other surface impoundments: | 0 |
| Off-site - other landfills: | 0 |
| Off-site - RCRA subtitle c landfills: | 0 |
| Off-site - disposal - land treatment: | 0 |
| Off-site - disposal - other land disposal: | 0 |
| Off-site - disposal - other off-site management: | 0 |
| Off-site - disposal - transfer to waste broker: | 0 |
| Off-site - disposal - unknown: | 0 |
| Total transferred off site for disposal: | 2 |
| Off-site - recycling - solvents/organics recovery: | 0 |
| Off-site - recycling -metals recovery: | 0 |
| Off-site - recycling - other reuse or recovery: | 0 |
| Off-site - recycling - acid regeneration: | 0 |
| Off-site - recycling - transfer to waste broker: | 0 |
| Total transferred off site for recycling: | 0 |
| Off-site - energy recovery: | 518 |
| Off-site - transfer to waste broker for energy recovery: | 0 |
| Total transferred off site for energy recovery: | 518 |
| Off-site - POTW treatment: | 8 |
| Off-site - solid/stab treatment - non metals: | 0 |
| Off-site -incineration/thermal treatment: | 40 |
| Off-site - incineration/insignificant heat value: | 0 |
| Off-site - wastewater treatment - non-metals: | 0 |
| Off-site - other waste treatment: | 0 |
| Off-site - transfer to waste broker - waste treatment: | 0 |
| Total transferred off site for treatment: | 48 |
| Off-site - transfer to waste broker: | 0 |
| Total transferred off site for further waste management: | 568 |
| Total POTW transfer: | 10 |
| Energy recovery on site current year: | 0 |
| Recycled on site current year: | 9700 |
| Treated on site current year: | 12100 |
| Total on-site waste management: | 21800 |
| On-site energy recovery method 1: | Not Applicable |
| On-site energy recovery method 2: | Not reported |
| On-site energy recovery method 3: | Not Applicable |
| On-site energy recovery method 4: | Not reported |
| On-site recycling processes method 1: | Solvent recovery (including distillation, evaporation, fractionation or extraction) |
| On-site recycling processes method 2: | Not reported |
| On-site recycling processes method 3: | Not reported |
| On-site recycling processes method 4: | Not reported |
| On-site recycling processes method 5: | Not reported |
| On-site recycling processes method 6: | Not reported |
| On-site recycling processes method 7: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| FRS Facility ID: | 110000432666 |
| Elemental Metal Included: | NO |
| Waste Rock Pile managed Indicator: | 0 |
| Waste Rock Quantity: | Not reported |
| Off Site - POTW Releases 81C: | .7 |
| Off Site - POTW Releases 81D: | 1.3 |
| Assigned Partial Facility Flag: | NO |
| Case Number: | 98-82-8 |
| Mixture Name: | NA |
| Clean Air Act Ind: | YES |
| Carcinogen Ind: | YES |
| PFAS Ind: | NO |

Chemical Activities and Uses:

| | |
|---|---|
| Cas number: | 0000098828 |
| Document control number: | 1321220304366 |
| Chemical name: Cumene | |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Produce the chemical: | No |
| Import the chemical: | Yes |
| On-site use of the chemical: | Yes |
| Sale or distribution of the chemical: | Yes |
| As a byproduct: | No |
| As a manufactured impurity: | No |
| Used as a reactant: | No |
| P101 feedstocks: | No |
| P102 raw materials: | No |
| P103 intermediates: | No |
| P104 initiators: | No |
| P199 other: | No |
| Added as a formulation component: | Yes |
| P201 additives: | No |
| P202 dyes: | No |
| P203 reaction diluents: | No |
| P204 initiators: | No |
| P205 solvents: | Yes |
| P206 inhibitors: | No |
| P207 emulsifiers: | No |
| P208 surfactants: | No |
| P209 lubricants: | No |
| P210 flame retardants: | No |
| P211 rheological modifiers: | No |
| P299 other: | No |
| Used as an article component: | No |
| Repackaging: | No |
| As a process impurity: | No |
| Processed / recycling: | No |
| Used as a chemical processing aid: | No |
| Z101 process solvents: | No |
| Z102 catalysts: | No |
| Z103 inhibitors: | No |
| Z104 initiators: | No |
| Z105 reaction terminators: | No |
| Z106 solution buffers: | No |
| Z199 other: | No |
| Used as a manufacturing aid: | Yes |
| Z201 process lubricants: | No |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Z202 metalworking fluids: | No |
| Z203 coolants: | No |
| Z204 refrigerants: | No |
| Z205 hydraulic fluids: | No |
| Z299 other: | Yes |
| Ancillary or other use: | No |
| Z301 cleaner: | No |
| Z302 degreaser: | No |
| Z303 lubricant: | No |
| Z304 fuel: | No |
| Z305 flame retardant: | No |
| Z306 waste treatment: | No |
| Z307 water treatment: | No |
| Z308 construction materials: | No |
| Z399 other: | No |

| | |
|---|---|
| Submitted Facility Name: | Not reported |
| Submitted Street: | Not reported |
| Submitted City: | Not reported |
| Submitted County: | Not reported |
| Submitted State: | Not reported |
| Submitted Zip Code: | Not reported |
| Submitted BIA Code: | Not reported |
| Submitted Tribe Name: | Not reported |
| Submitted Parent Company Name: | Not reported |
| Submitted Parent Company DB Number: | Not reported |
| Submitted Standardized Parent Company Name: | Not reported |
| Submitted Primary NAICS Code: | Not reported |
| Submitted Industry Code: | 999 |
| Submitted Industry Name: | Other |
| Industry Code: | 331 |
| Industry Name: | Primary Metals |
| Last year the facility reported: | 2021 |
| First year the facility reported: | 1987 |
| Number of forms submitted: | 5 |
| Total number of forms submitted: | 137 |
| Assigned Agency: | Not reported |

Detailed On-site Waste Treatment Methods and Efficiency:

| | |
|---|---|
| Cas number: | 0000098828 |
| Document control number: | 1321220304366 |
| Chemical name: Cumene | |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Stream 1 - waste stream code: | Gaseous (gases, vapors, airborne particulates) |
| Stream 1 - trtmt method - sequence 1: | Incineration–thermal destruction other than use as a fuel |
| Stream 1 - trtmt method - sequence 2: | Not reported |
| Stream 1 - trtmt method - sequence 3: | Not reported |
| Stream 1 - trtmt method - sequence 4: | Not reported |
| Stream 1 - trtmt method - sequence 5: | Not reported |
| Stream 1 - trtmt method - sequence 6: | Not reported |
| Stream 1 - trtmt method - sequence 7: | Not reported |
| Stream 1 - trtmt method - sequence 8: | Not reported |
| Stream 1 - based on operating data: | NO |
| Stream 2 - waste stream code: | Wastewater (aqueous waste) |
| Stream 2 - trtmt method - sequence 1: | Phase separation |
| Stream 2 - trtmt method - sequence 2: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Stream 2 - trtmt method - sequence 3: | Not reported |
| Stream 2 - trtmt method - sequence 4: | Not reported |
| Stream 2 - trtmt method - sequence 5: | Not reported |
| Stream 2 - trtmt method - sequence 6: | Not reported |
| Stream 2 - trtmt method - sequence 7: | Not reported |
| Stream 2 - trtmt method - sequence 8: | Not reported |
| Stream 2 - based on operating data: | NO |
| Stream 3 - waste stream code: | Not reported |
| Stream 3 - trtmt method - sequence 1: | Not reported |
| Stream 3 - trtmt method - sequence 2: | Not reported |
| Stream 3 - trtmt method - sequence 3: | Not reported |
| Stream 3 - trtmt method - sequence 4: | Not reported |
| Stream 3 - trtmt method - sequence 5: | Not reported |
| Stream 3 - trtmt method - sequence 6: | Not reported |
| Stream 3 - trtmt method - sequence 7: | Not reported |
| Stream 3 - trtmt method - sequence 8: | Not reported |
| Stream 3 - based on operating data: | Not reported |
| Stream 4 - waste stream code: | Not reported |
| Stream 4 - trtmt method - sequence 1: | Not reported |
| Stream 4 - trtmt method - sequence 2: | Not reported |
| Stream 4 - trtmt method - sequence 3: | Not reported |
| Stream 4 - trtmt method - sequence 4: | Not reported |
| Stream 4 - trtmt method - sequence 5: | Not reported |
| Stream 4 - trtmt method - sequence 6: | Not reported |
| Stream 4 - trtmt method - sequence 7: | Not reported |
| Stream 4 - trtmt method - sequence 8: | Not reported |
| Stream 4 - based on operating data: | Not reported |
| Stream 5 - waste stream code: | Not reported |
| Stream 5 - trtmt method - sequence 1: | Not reported |
| Stream 5 - trtmt method - sequence 2: | Not reported |
| Stream 5 - trtmt method - sequence 3: | Not reported |
| Stream 5 - trtmt method - sequence 4: | Not reported |
| Stream 5 - trtmt method - sequence 5: | Not reported |
| Stream 5 - trtmt method - sequence 6: | Not reported |
| Stream 5 - trtmt method - sequence 7: | Not reported |
| Stream 5 - trtmt method - sequence 8: | Not reported |
| Stream 5 - based on operating data: | Not reported |

Details of Off-site Transfers:

| | |
|---|---|
| Cas number: | 0000098828 |
| Document control number: | 1321220304366 |
| Chemical name: Cumene | |
| Classification: | TRI |
| Offsite RCRA id nr: | MOD981127319 |
| Offsite transfer sequence number: | 2 |
| Offsite name: | LONE STAR INDUSTRIES INC |
| Offsite street address: | 2524 S SPRIGG ST |
| Offsite City,State,Zip: | CAPE GIRARDEAU, MO 63703 |
| Offsite county: | SCOTT |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Total amount transferred offsite for disposal: | 0 |
| Total amount transferred offsite for recycling: | 0 |
| Offsite energy recovery m56 LBS: | 518 |
| Offsite energy recovery m56 BOE: | Other |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Total amount transferred offsite for energy recovery: | 518 |
| Total amount transferred offsite for treatment: | 0 |
| FRS ID - Transfer Location: | 110000442423 |
| | |
| Offsite RCRA id nr: | ILD000666206 |
| Offsite transfer sequence number: | 3 |
| Offsite name: | ENVIRITE OF ILLINOIS INC |
| Offsite street address: | 16435 S CENTER AVE |
| Offsite City,State,Zip: | HARVEY, IL 60426 |
| Offsite county: | COOK |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Total amount transferred offsite for disposal: | 0 |
| Total amount transferred offsite for recycling: | 0 |
| Total amount transferred offsite for energy recovery: | 0 |
| Offsite incineration/thermal treatment m50 LBS: | 10 |
| Offsite incineration/thermal treatment m50 BOE: | Other |
| Total amount transferred offsite for treatment: | 10 |
| FRS ID - Transfer Location: | 110000494590 |
| | |
| Offsite RCRA id nr: | ARD069748192 |
| Offsite transfer sequence number: | 4 |
| Offsite name: | CLEAN HARBORS EL DORADO, LLC |
| Offsite street address: | 309 AMERICAN CIRCLE |
| Offsite City,State,Zip: | EL DORADO, AR 71730 |
| Offsite county: | UNION |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Total amount transferred offsite for disposal: | 0 |
| Total amount transferred offsite for recycling: | 0 |
| Total amount transferred offsite for energy recovery: | 0 |
| Offsite incineration/thermal treatment m50 LBS: | 30 |
| Offsite incineration/thermal treatment m50 BOE: | Other |
| Total amount transferred offsite for treatment: | 30 |
| FRS ID - Transfer Location: | 110000521221 |
| | |
| TRI ID: | 60434LCNTYROUTE |
| Cas number: | 0007439921 |
| Chemical name: Lead | |
| Classification: | PBT |
| Unit of measure: | Pounds |
| Metal ind: | YES |
| Revision code 1: | Not reported |
| Revision code 2: | Not reported |
| Maximum amount on site: | 01 |
| Fugitive air emissions - total release pounds: | .07 |
| Fugitive air emissions - total release range code: | Not reported |
| Total fugitive air emissions: | .07 |
| Fugitive air emissions - basis of estimate: | Other |
| Stack air emissions - release pounds: | .33 |
| Stack air emissions - release range code: | Not reported |
| Total stack air emissions: | .33 |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Stack air emissions - basis of estimate: | Other |
| Total air emissions: | .4 |
| Discharges to stream a - stream name: | NA |
| Total discharges to stream a: | 0 |
| Discharges to stream a - basis of estimate: | Not reported |
| Discharges to stream a - % from stormwater: | Not reported |
| Discharges to stream b - stream name: | Not reported |
| Total discharges to stream b: | Not reported |
| Discharges to stream b - basis of estimate: | Not reported |
| Discharges to stream b - % from stormwater: | Not reported |
| Discharges to stream c - stream name: | Not reported |
| Total discharges to stream c: | Not reported |
| Discharges to stream c - basis of estimate: | Not reported |
| Discharges to stream c - % from stormwater: | Not reported |
| Discharges to stream d - stream name: | Not reported |
| Total discharges to stream d: | Not reported |
| Discharges to stream d - basis of estimate: | Not reported |
| Discharges to stream d - % from stormwater: | Not reported |
| Discharges to stream e - stream name: | Not reported |
| Total discharges to stream e: | Not reported |
| Discharges to stream e - basis of estimate: | Not reported |
| Discharges to stream e - % from stormwater: | Not reported |
| Discharges to stream f - stream name: | Not reported |
| Total discharges to stream f: | Not reported |
| Discharges to stream f - basis of estimate: | Not reported |
| Discharges to stream f - % from stormwater: | Not reported |
| Discharges to stream g - stream name: | Not reported |
| Total discharges to stream g: | Not reported |
| Discharges to stream g - basis of estimate: | Not reported |
| Discharges to stream g - % from stormwater: | Not reported |
| Discharges to stream h - stream name: | Not reported |
| Discharges to stream h - release pounds: | Not reported |
| Discharges to stream h - release range code: | Not reported |
| Total discharges to stream h: | Not reported |
| Discharges to stream h - basis for estimate: | Not reported |
| Discharges to stream h - % from stormwater: | Not reported |
| Total number of receiving streams: | 0 |
| Total surface water discharge: | 0 |
| Total on-site underground inj - pounds: | Not reported |
| On-site underground inj - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl i wells - pounds: | 0 |
| On-site underground inj to c1 i wells - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl ii-v wells - pounds: | 0 |
| On-site ungrnd inj to cl ii-v wells - basis of estimate: | Not reported |
| Total on-site underground injection: | 0 |
| Total on-site landfills: | Not reported |
| On-site landfills - basis of estimate: | Not reported |
| Total on-site RCRA subtitle c landfills: | 0 |
| On-site RCRA subtitle c landfills - basis of estimate: | Not reported |
| Total other on-site landfills: | 0 |
| Other landfills - basis of estimate: | Not reported |
| Total on-site land treatment: | 0 |
| Land trtmt/appl farming - basis of estimate: | Not reported |
| Total surface impoundments: | Not reported |
| Surface impoundment - basis of estimate: | Not reported |
| Total RCRA c surface impoundments: | 0 |
| RCRA c Surface impoundment - basis of estimate: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Total other surface impoundments: | 0 |
| Other surface impoundment - basis of estimate: | Not reported |
| Total other disposal: | 0 |
| Other disposal - basis of estimate: | Not reported |
| Total on-site land releases: | 0 |
| Total on-site releases: | .4 |
| Off-site - POTW releases: | .0014 |
| Off-site - storage only: | 0 |
| Off-site - solid/stab - metals: | 0 |
| Off-site - wastewater treatment release - metals: | 0 |
| Off-site - solid/stab - release - metals: | 0 |
| Off-site - wastewater treatment - metals: | 0 |
| Off-site - underground injection: | 0 |
| Off-site - underground injection - class 1 wells: | 0 |
| Off-site - underground injection - class ii-v wells: | 0 |
| Off-site - landfills/disposal surface impoundments: | 0 |
| Off-site - surface impoundment: | 0 |
| Off-site - RCRA subtitle c surface impoundments: | 0 |
| Off-site - other surface impoundments: | 0 |
| Off-site - other landfills: | 0 |
| Off-site - RCRA subtitle c landfills: | 0 |
| Off-site - disposal - land treatment: | 0 |
| Off-site - disposal - other land disposal: | 0 |
| Off-site - disposal - other off-site management: | .53 |
| Off-site - disposal - transfer to waste broker: | 0 |
| Off-site - disposal - unknown: | 0 |
| Total transferred off site for disposal: | .5314 |
| Off-site - recycling - solvents/organics recovery: | 0 |
| Off-site - recycling -metals recovery: | 0 |
| Off-site - recycling - other reuse or recovery: | 0 |
| Off-site - recycling - acid regeneration: | 0 |
| Off-site - recycling - transfer to waste broker: | 0 |
| Total transferred off site for recycling: | 0 |
| Off-site - energy recovery: | 0 |
| Off-site - transfer to waste broker for energy recovery: | 0 |
| Total transferred off site for energy recovery: | 0 |
| Off-site - POTW treatment: | 0 |
| Off-site - solid/stab treatment - non metals: | 0 |
| Off-site -incineration/thermal treatment: | 0 |
| Off-site - incineration/insignificant heat value: | 0 |
| Off-site - wastewater treatment - non-metals: | 0 |
| Off-site - other waste treatment: | 0 |
| Off-site - transfer to waste broker - waste treatment: | 0 |
| Total transferred off site for treatment: | 0 |
| Off-site - transfer to waste broker: | 0 |
| Total transferred off site for further waste management: | .5314 |
| Total POTW transfer: | .0014 |
| Energy recovery on site current year: | 0 |
| Recycled on site current year: | 0 |
| Treated on site current year: | 0 |
| Total on-site waste management: | 0 |
| On-site energy recovery method 1: | Not Applicable |
| On-site energy recovery method 2: | Not reported |
| On-site energy recovery method 3: | Not Applicable |
| On-site energy recovery method 4: | Not reported |
| On-site recycling processes method 1: | Not Applicable |
| On-site recycling processes method 2: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| On-site recycling processes method 3: | Not reported |
| On-site recycling processes method 4: | Not reported |
| On-site recycling processes method 5: | Not reported |
| On-site recycling processes method 6: | Not reported |
| On-site recycling processes method 7: | Not reported |
| FRS Facility ID: | 110000432666 |
| Elemental Metal Included: | NO |
| Waste Rock Pile managed Indicator: | 0 |
| Waste Rock Quantity: | Not reported |
| Off Site - POTW Releases 81C: | .000882 |
| Off Site - POTW Releases 81D: | .000518 |
| Assigned Partial Facility Flag: | NO |
| Case Number: | 7439-92-1 |
| Mixture Name: | NA |
| Clean Air Act Ind: | YES |
| Carcinogen Ind: | YES |
| PFAS Ind: | NO |

Chemical Activities and Uses:

| | |
|---|---|
| Cas number: | 0007439921 |
| Document control number: | 1321220304380 |
| Chemical name: Lead | |
| Classification: | PBT |
| Unit of measure: | Pounds |
| Produce the chemical: | No |
| Import the chemical: | Yes |
| On-site use of the chemical: | No |
| Sale or distribution of the chemical: | No |
| As a byproduct: | No |
| As a manufactured impurity: | Yes |
| Used as a reactant: | No |
| P101 feedstocks: | No |
| P102 raw materials: | No |
| P103 intermediates: | No |
| P104 initiators: | No |
| P199 other: | No |
| Added as a formulation component: | No |
| P201 additives: | No |
| P202 dyes: | No |
| P203 reaction diluents: | No |
| P204 initiators: | No |
| P205 solvents: | No |
| P206 inhibitors: | No |
| P207 emulsifiers: | No |
| P208 surfactants: | No |
| P209 lubricants: | No |
| P210 flame retardants: | No |
| P211 rheological modifiers: | No |
| P299 other: | No |
| Used as an article component: | No |
| Repackaging: | No |
| As a process impurity: | Yes |
| Processed / recycling: | No |
| Used as a chemical processing aid: | No |
| Z101 process solvents: | No |
| Z102 catalysts: | No |
| Z103 inhibitors: | No |
| Z104 initiators: | No |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Z105 reaction terminators: | No |
| Z106 solution buffers: | No |
| Z199 other: | No |
| Used as a manufacturing aid: | No |
| Z201 process lubricants: | No |
| Z202 metalworking fluids: | No |
| Z203 coolants: | No |
| Z204 refrigerants: | No |
| Z205 hydraulic fluids: | No |
| Z299 other: | No |
| Ancillary or other use: | No |
| Z301 cleaner: | No |
| Z302 degreaser: | No |
| Z303 lubricant: | No |
| Z304 fuel: | No |
| Z305 flame retardant: | No |
| Z306 waste treatment: | No |
| Z307 water treatment: | No |
| Z308 construction materials: | No |
| Z399 other: | No |

| | |
|---|---|
| Submitted Facility Name: | Not reported |
| Submitted Street: | Not reported |
| Submitted City: | Not reported |
| Submitted County: | Not reported |
| Submitted State: | Not reported |
| Submitted Zip Code: | Not reported |
| Submitted BIA Code: | Not reported |
| Submitted Tribe Name: | Not reported |
| Submitted Parent Company Name: | Not reported |
| Submitted Parent Company DB Number: | Not reported |
| Submitted Standardized Parent Company Name: | Not reported |
| Submitted Primary NAICS Code: | Not reported |
| Submitted Industry Code: | 999 |
| Submitted Industry Name: | Other |
| Industry Code: | 331 |
| Industry Name: | Primary Metals |
| Last year the facility reported: | 2021 |
| First year the facility reported: | 1987 |
| Number of forms submitted: | 5 |
| Total number of forms submitted: | 137 |
| Assigned Agency: | Not reported |

Detailed On-site Waste Treatment Methods and Efficiency:

| | |
|---|---|
| Cas number: | 0007439921 |
| Document control number: | 1321220304380 |
| Chemical name: Lead | |
| Classification: | PBT |
| Unit of measure: | Pounds |
| Stream 1 - waste stream code: | NA |
| Stream 1 - trtmt method - sequence 1: | Not reported |
| Stream 1 - trtmt method - sequence 2: | Not reported |
| Stream 1 - trtmt method - sequence 3: | Not reported |
| Stream 1 - trtmt method - sequence 4: | Not reported |
| Stream 1 - trtmt method - sequence 5: | Not reported |
| Stream 1 - trtmt method - sequence 6: | Not reported |
| Stream 1 - trtmt method - sequence 7: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Stream 1 - trtmt method - sequence 8: | Not reported |
| Stream 1 - based on operating data: | Not reported |
| Stream 2 - waste stream code: | Not reported |
| Stream 2 - trtmt method - sequence 1: | Not reported |
| Stream 2 - trtmt method - sequence 2: | Not reported |
| Stream 2 - trtmt method - sequence 3: | Not reported |
| Stream 2 - trtmt method - sequence 4: | Not reported |
| Stream 2 - trtmt method - sequence 5: | Not reported |
| Stream 2 - trtmt method - sequence 6: | Not reported |
| Stream 2 - trtmt method - sequence 7: | Not reported |
| Stream 2 - trtmt method - sequence 8: | Not reported |
| Stream 2 - based on operating data: | Not reported |
| Stream 3 - waste stream code: | Not reported |
| Stream 3 - trtmt method - sequence 1: | Not reported |
| Stream 3 - trtmt method - sequence 2: | Not reported |
| Stream 3 - trtmt method - sequence 3: | Not reported |
| Stream 3 - trtmt method - sequence 4: | Not reported |
| Stream 3 - trtmt method - sequence 5: | Not reported |
| Stream 3 - trtmt method - sequence 6: | Not reported |
| Stream 3 - trtmt method - sequence 7: | Not reported |
| Stream 3 - trtmt method - sequence 8: | Not reported |
| Stream 3 - based on operating data: | Not reported |
| Stream 4 - waste stream code: | Not reported |
| Stream 4 - trtmt method - sequence 1: | Not reported |
| Stream 4 - trtmt method - sequence 2: | Not reported |
| Stream 4 - trtmt method - sequence 3: | Not reported |
| Stream 4 - trtmt method - sequence 4: | Not reported |
| Stream 4 - trtmt method - sequence 5: | Not reported |
| Stream 4 - trtmt method - sequence 6: | Not reported |
| Stream 4 - trtmt method - sequence 7: | Not reported |
| Stream 4 - trtmt method - sequence 8: | Not reported |
| Stream 4 - based on operating data: | Not reported |
| Stream 5 - waste stream code: | Not reported |
| Stream 5 - trtmt method - sequence 1: | Not reported |
| Stream 5 - trtmt method - sequence 2: | Not reported |
| Stream 5 - trtmt method - sequence 3: | Not reported |
| Stream 5 - trtmt method - sequence 4: | Not reported |
| Stream 5 - trtmt method - sequence 5: | Not reported |
| Stream 5 - trtmt method - sequence 6: | Not reported |
| Stream 5 - trtmt method - sequence 7: | Not reported |
| Stream 5 - trtmt method - sequence 8: | Not reported |
| Stream 5 - based on operating data: | Not reported |

Details of Off-site Transfers:

| | |
|---|---|
| Cas number: | 0007439921 |
| Document control number: | 1321220304380 |
| Chemical name: Lead | |
| Classification: | PBT |
| Offsite RCRA id nr: | MOD981127319 |
| Offsite transfer sequence number: | 2 |
| Offsite name: | LONE STAR INDUSTRIES INC |
| Offsite street address: | 2524 S SPRIGG ST |
| Offsite City,State,Zip: | CAPE GIRARDEAU, MO 63703 |
| Offsite county: | SCOTT |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Unit of measure: | Pounds |
| Offsite other off-site mgmt m90 LBS: | .3 |
| Offsite other off-site mgmt m90 BOE: | Other |
| Total amount transferred offsite for disposal: | .3 |
| Total amount transferred offsite for recycling: | 0 |
| Total amount transferred offsite for energy recovery: | 0 |
| Total amount transferred offsite for treatment: | 0 |
| FRS ID - Transfer Location: | 110000442423 |
| | |
| Offsite RCRA id nr: | ARD069748192 |
| Offsite transfer sequence number: | 3 |
| Offsite name: | CLEAN HARBORS EL DORADO, LLC |
| Offsite street address: | 309 AMERICAN CIRCLE |
| Offsite City,State,Zip: | EL DORADO, AR 71730 |
| Offsite county: | UNION |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Offsite other off-site mgmt m90 LBS: | .23 |
| Offsite other off-site mgmt m90 BOE: | Other |
| Total amount transferred offsite for disposal: | .23 |
| Total amount transferred offsite for recycling: | 0 |
| Total amount transferred offsite for energy recovery: | 0 |
| Total amount transferred offsite for treatment: | 0 |
| FRS ID - Transfer Location: | 110000521221 |
| | |
| TRI ID: | 60434LCNTYROUTE |
| Cas number: | 0000095636 |
| Chemical name: | 1,2,4-Trimethylbenzene |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Metal ind: | NO |
| Revision code 1: | Not reported |
| Revision code 2: | Not reported |
| Maximum amount on site: | 04 |
| Fugitive air emissions - total release pounds: | 1270 |
| Fugitive air emissions - total release range code: | Not reported |
| Total fugitive air emissions: | 1270 |
| Fugitive air emissions - basis of estimate: | Other |
| Stack air emissions - release pounds: | 1220 |
| Stack air emissions - release range code: | Not reported |
| Total stack air emissions: | 1220 |
| Stack air emissions - basis of estimate: | Other |
| Total air emissions: | 2490 |
| Discharges to stream a - stream name: | NA |
| Total discharges to stream a: | 0 |
| Discharges to stream a - basis of estimate: | Not reported |
| Discharges to stream a - % from stormwater: | Not reported |
| Discharges to stream b - stream name: | Not reported |
| Total discharges to stream b: | Not reported |
| Discharges to stream b - basis of estimate: | Not reported |
| Discharges to stream b - % from stormwater: | Not reported |
| Discharges to stream c - stream name: | Not reported |
| Total discharges to stream c: | Not reported |
| Discharges to stream c - basis of estimate: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Discharges to stream c - % from stormwater: | Not reported |
| Discharges to stream d - stream name: | Not reported |
| Total discharges to stream d: | Not reported |
| Discharges to stream d - basis of estimate: | Not reported |
| Discharges to stream d - % from stormwater: | Not reported |
| Discharges to stream e - stream name: | Not reported |
| Total discharges to stream e: | Not reported |
| Discharges to stream e - basis of estimate: | Not reported |
| Discharges to stream e - % from stormwater: | Not reported |
| Discharges to stream f - stream name: | Not reported |
| Total discharges to stream f: | Not reported |
| Discharges to stream f - basis of estimate: | Not reported |
| Discharges to stream f - % from stormwater: | Not reported |
| Discharges to stream g - stream name: | Not reported |
| Total discharges to stream g: | Not reported |
| Discharges to stream g - basis of estimate: | Not reported |
| Discharges to stream g - % from stormwater: | Not reported |
| Discharges to stream h - stream name: | Not reported |
| Discharges to stream h - release pounds: | Not reported |
| Discharges to stream h - release range code: | Not reported |
| Total discharges to stream h: | Not reported |
| Discharges to stream h - basis for estimate: | Not reported |
| Discharges to stream h - % from stormwater: | Not reported |
| Total number of receiving streams: | 0 |
| Total surface water discharge: | 0 |
| Total on-site underground inj - pounds: | Not reported |
| On-site underground inj - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl i wells - pounds: | 0 |
| On-site underground inj to c1 i wells - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl ii-v wells - pounds: | 0 |
| On-site ungrnd inj to cl ii-v wells - basis of estimate: | Not reported |
| Total on-site underground injection: | 0 |
| Total on-site landfills: | Not reported |
| On-site landfills - basis of estimate: | Not reported |
| Total on-site RCRA subtitle c landfills: | 0 |
| On-site RCRA subtitle c landfills - basis of estimate: | Not reported |
| Total other on-site landfills: | 0 |
| Other landfills - basis of estimate: | Not reported |
| Total on-site land treatment: | 0 |
| Land trtmt/appl farming - basis of estimate: | Not reported |
| Total surface impoundments: | Not reported |
| Surface impoundment - basis of estimate: | Not reported |
| Total RCRA c surface impoundments: | 0 |
| RCRA c Surface impoundment - basis of estimate: | Not reported |
| Total other surface impoundments: | 0 |
| Other surface impoundment - basis of estimate: | Not reported |
| Total other disposal: | 0 |
| Other disposal - basis of estimate: | Not reported |
| Total on-site land releases: | 0 |
| Total on-site releases: | 2490 |
| Off-site - POTW releases: | 51.2 |
| Off-site - storage only: | 0 |
| Off-site - solid/stab - metals: | 0 |
| Off-site - wastewater treatment release - metals: | 0 |
| Off-site - solid/stab - release - metals: | 0 |
| Off-site - wastewater treatment - metals: | 0 |
| Off-site - underground injection: | 0 |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Off-site - underground injection - class 1 wells: | 0 |
| Off-site - underground injection - class ii-v wells: | 0 |
| Off-site - landfills/disposal surface impoundments: | 0 |
| Off-site - surface impoundment: | 0 |
| Off-site - RCRA subtitle c surface impoundments: | 0 |
| Off-site - other surface impoundments: | 0 |
| Off-site - other landfills: | 0 |
| Off-site - RCRA subtitle c landfills: | 0 |
| Off-site - disposal - land treatment: | 0 |
| Off-site - disposal - other land disposal: | 0 |
| Off-site - disposal - other off-site management: | 0 |
| Off-site - disposal - transfer to waste broker: | 0 |
| Off-site - disposal - unknown: | 0 |
| Total transferred off site for disposal: | 51.2 |
| Off-site - recycling - solvents/organics recovery: | 0 |
| Off-site - recycling -metals recovery: | 0 |
| Off-site - recycling - other reuse or recovery: | 0 |
| Off-site - recycling - acid regeneration: | 0 |
| Off-site - recycling - transfer to waste broker: | 0 |
| Total transferred off site for recycling: | 0 |
| Off-site - energy recovery: | 5177 |
| Off-site - transfer to waste broker for energy recovery: | 0 |
| Total transferred off site for energy recovery: | 5177 |
| Off-site - POTW treatment: | 108.8 |
| Off-site - solid/stab treatment - non metals: | 0 |
| Off-site -incineration/thermal treatment: | 485.7 |
| Off-site - incineration/insignificant heat value: | 0 |
| Off-site - wastewater treatment - non-metals: | 0 |
| Off-site - other waste treatment: | 0 |
| Off-site - transfer to waste broker - waste treatment: | 0 |
| Total transferred off site for treatment: | 594.5 |
| Off-site - transfer to waste broker: | 0 |
| Total transferred off site for further waste management: | 5822.7 |
| Total POTW transfer: | 160 |
| Energy recovery on site current year: | 0 |
| Recycled on site current year: | 132200 |
| Treated on site current year: | 164500 |
| Total on-site waste management: | 296700 |
| On-site energy recovery method 1: | Not Applicable |
| On-site energy recovery method 2: | Not reported |
| On-site energy recovery method 3: | Not Applicable |
| On-site energy recovery method 4: | Not reported |
| On-site recycling processes method 1: | Solvent recovery (including distillation, evaporation, fractionation or extraction) |
| On-site recycling processes method 2: | Not reported |
| On-site recycling processes method 3: | Not reported |
| On-site recycling processes method 4: | Not reported |
| On-site recycling processes method 5: | Not reported |
| On-site recycling processes method 6: | Not reported |
| On-site recycling processes method 7: | Not reported |
| FRS Facility ID: | 110000432666 |
| Elemental Metal Included: | NO |
| Waste Rock Pile managed Indicator: | 0 |
| Waste Rock Quantity: | Not reported |
| Off Site - POTW Releases 81C: | 17.6 |
| Off Site - POTW Releases 81D: | 33.6 |
| Assigned Partial Facility Flag: | NO |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Case Number: | 95-63-6 |
| Mixture Name: | NA |
| Clean Air Act Ind: | NO |
| Carcinogen Ind: | NO |
| PFAS Ind: | NO |

Chemical Activities and Uses:

| | |
|---|---|
| Cas number: | 0000095636 |
| Document control number: | 1321220304378 |
| Chemical name: | 1,2,4-Trimethylbenzene |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Produce the chemical: | No |
| Import the chemical: | Yes |
| On-site use of the chemical: | Yes |
| Sale or distribution of the chemical: | Yes |
| As a byproduct: | No |
| As a manufactured impurity: | No |
| Used as a reactant: | No |
| P101 feedstocks: | No |
| P102 raw materials: | No |
| P103 intermediates: | No |
| P104 initiators: | No |
| P199 other: | No |
| Added as a formulation component: | Yes |
| P201 additives: | No |
| P202 dyes: | No |
| P203 reaction diluents: | No |
| P204 initiators: | No |
| P205 solvents: | Yes |
| P206 inhibitors: | No |
| P207 emulsifiers: | No |
| P208 surfactants: | No |
| P209 lubricants: | No |
| P210 flame retardants: | No |
| P211 rheological modifiers: | No |
| P299 other: | No |
| Used as an article component: | No |
| Repackaging: | No |
| As a process impurity: | No |
| Processed / recycling: | No |
| Used as a chemical processing aid: | No |
| Z101 process solvents: | No |
| Z102 catalysts: | No |
| Z103 inhibitors: | No |
| Z104 initiators: | No |
| Z105 reaction terminators: | No |
| Z106 solution buffers: | No |
| Z199 other: | No |
| Used as a manufacturing aid: | Yes |
| Z201 process lubricants: | No |
| Z202 metalworking fluids: | No |
| Z203 coolants: | No |
| Z204 refrigerants: | No |
| Z205 hydraulic fluids: | No |
| Z299 other: | Yes |
| Ancillary or other use: | No |
| Z301 cleaner: | No |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Z302 degreaser: | No |
| Z303 lubricant: | No |
| Z304 fuel: | No |
| Z305 flame retardant: | No |
| Z306 waste treatment: | No |
| Z307 water treatment: | No |
| Z308 construction materials: | No |
| Z399 other: | No |
| Submitted Facility Name: | Not reported |
| Submitted Street: | Not reported |
| Submitted City: | Not reported |
| Submitted County: | Not reported |
| Submitted State: | Not reported |
| Submitted Zip Code: | Not reported |
| Submitted BIA Code: | Not reported |
| Submitted Tribe Name: | Not reported |
| Submitted Parent Company Name: | Not reported |
| Submitted Parent Company DB Number: | Not reported |
| Submitted Standardized Parent Company Name: | Not reported |
| Submitted Primary NAICS Code: | Not reported |
| Submitted Industry Code: | 999 |
| Submitted Industry Name: | Other |
| Industry Code: | 331 |
| Industry Name: | Primary Metals |
| Last year the facility reported: | 2021 |
| First year the facility reported: | 1987 |
| Number of forms submitted: | 5 |
| Total number of forms submitted: | 137 |
| Assigned Agency: | Not reported |

Detailed On-site Waste Treatment Methods and Efficiency:

| | |
|---|---|
| Cas number: | 0000095636 |
| Document control number: | 1321220304378 |
| Chemical name: | 1,2,4-Trimethylbenzene |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Stream 1 - waste stream code: | Gaseous (gases, vapors, airborne particulates) |
| Stream 1 - trtmt method - sequence 1: | Incineration–thermal destruction other than use as a fuel |
| Stream 1 - trtmt method - sequence 2: | Not reported |
| Stream 1 - trtmt method - sequence 3: | Not reported |
| Stream 1 - trtmt method - sequence 4: | Not reported |
| Stream 1 - trtmt method - sequence 5: | Not reported |
| Stream 1 - trtmt method - sequence 6: | Not reported |
| Stream 1 - trtmt method - sequence 7: | Not reported |
| Stream 1 - trtmt method - sequence 8: | Not reported |
| Stream 1 - based on operating data: | NO |
| Stream 2 - waste stream code: | Wastewater (aqueous waste) |
| Stream 2 - trtmt method - sequence 1: | Phase separation |
| Stream 2 - trtmt method - sequence 2: | Not reported |
| Stream 2 - trtmt method - sequence 3: | Not reported |
| Stream 2 - trtmt method - sequence 4: | Not reported |
| Stream 2 - trtmt method - sequence 5: | Not reported |
| Stream 2 - trtmt method - sequence 6: | Not reported |
| Stream 2 - trtmt method - sequence 7: | Not reported |
| Stream 2 - trtmt method - sequence 8: | Not reported |
| Stream 2 - based on operating data: | NO |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Stream 3 - waste stream code: | Not reported |
| Stream 3 - trtmt method - sequence 1: | Not reported |
| Stream 3 - trtmt method - sequence 2: | Not reported |
| Stream 3 - trtmt method - sequence 3: | Not reported |
| Stream 3 - trtmt method - sequence 4: | Not reported |
| Stream 3 - trtmt method - sequence 5: | Not reported |
| Stream 3 - trtmt method - sequence 6: | Not reported |
| Stream 3 - trtmt method - sequence 7: | Not reported |
| Stream 3 - trtmt method - sequence 8: | Not reported |
| Stream 3 - based on operating data: | Not reported |
| Stream 4 - waste stream code: | Not reported |
| Stream 4 - trtmt method - sequence 1: | Not reported |
| Stream 4 - trtmt method - sequence 2: | Not reported |
| Stream 4 - trtmt method - sequence 3: | Not reported |
| Stream 4 - trtmt method - sequence 4: | Not reported |
| Stream 4 - trtmt method - sequence 5: | Not reported |
| Stream 4 - trtmt method - sequence 6: | Not reported |
| Stream 4 - trtmt method - sequence 7: | Not reported |
| Stream 4 - trtmt method - sequence 8: | Not reported |
| Stream 4 - based on operating data: | Not reported |
| Stream 5 - waste stream code: | Not reported |
| Stream 5 - trtmt method - sequence 1: | Not reported |
| Stream 5 - trtmt method - sequence 2: | Not reported |
| Stream 5 - trtmt method - sequence 3: | Not reported |
| Stream 5 - trtmt method - sequence 4: | Not reported |
| Stream 5 - trtmt method - sequence 5: | Not reported |
| Stream 5 - trtmt method - sequence 6: | Not reported |
| Stream 5 - trtmt method - sequence 7: | Not reported |
| Stream 5 - trtmt method - sequence 8: | Not reported |
| Stream 5 - based on operating data: | Not reported |

Details of Off-site Transfers:

| | |
|---|---|
| Cas number: | 0000095636 |
| Document control number: | 1321220304378 |
| Chemical name: | 1,2,4-Trimethylbenzene |
| Classification: | TRI |
| Offsite RCRA id nr: | MOD981127319 |
| Offsite transfer sequence number: | 2 |
| Offsite name: | LONE STAR INDUSTRIES INC |
| Offsite street address: | 2524 S SPRIGG ST |
| Offsite City,State,Zip: | CAPE GIRARDEAU, MO 63703 |
| Offsite county: | SCOTT |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Total amount transferred offsite for disposal: | 0 |
| Total amount transferred offsite for recycling: | 0 |
| Offsite energy recovery m56 LBS: | 5177 |
| Offsite energy recovery m56 BOE: | Other |
| Total amount transferred offsite for energy recovery: | 5177 |
| Total amount transferred offsite for treatment: | 0 |
| FRS ID - Transfer Location: | 110000442423 |
| | |
| Offsite RCRA id nr: | ILD000666206 |
| Offsite transfer sequence number: | 3 |
| Offsite name: | ENVIRITE OF ILLINOIS INC |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Offsite street address: | 16435 S CENTER AVE |
| Offsite City,State,Zip: | HARVEY, IL 60426 |
| Offsite county: | COOK |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Total amount transferred offsite for disposal: | 0 |
| Total amount transferred offsite for recycling: | 0 |
| Total amount transferred offsite for energy recovery: | 0 |
| Offsite incineration/thermal treatment m50 LBS: | 104 |
| Offsite incineration/thermal treatment m50 BOE: | Other |
| Total amount transferred offsite for treatment: | 104 |
| FRS ID - Transfer Location: | 110000494590 |

| | |
|---|---|
| Offsite RCRA id nr: | NED981723513 |
| Offsite transfer sequence number: | 4 |
| Offsite name: | CLEAN HARBORS ENVIRONMENTAL SERVICES, INC. |
| Offsite street address: | 2247 S. HWY 71 |
| Offsite City,State,Zip: | KIMBALL, NE 69145 |
| Offsite county: | KIMBALL |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Total amount transferred offsite for disposal: | 0 |
| Total amount transferred offsite for recycling: | 0 |
| Total amount transferred offsite for energy recovery: | 0 |
| Offsite incineration/thermal treatment m50 LBS: | .7 |
| Offsite incineration/thermal treatment m50 BOE: | Other |
| Total amount transferred offsite for treatment: | .7 |
| FRS ID - Transfer Location: | 110041638458 |

| | |
|---|---|
| Offsite RCRA id nr: | ARD069748192 |
| Offsite transfer sequence number: | 5 |
| Offsite name: | CLEAN HARBORS EL DORADO, LLC |
| Offsite street address: | 309 AMERICAN CIRCLE |
| Offsite City,State,Zip: | EL DORADO, AR 71730 |
| Offsite county: | UNION |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Total amount transferred offsite for disposal: | 0 |
| Total amount transferred offsite for recycling: | 0 |
| Total amount transferred offsite for energy recovery: | 0 |
| Offsite incineration/thermal treatment m50 LBS: | 381 |
| Offsite incineration/thermal treatment m50 BOE: | Other |
| Total amount transferred offsite for treatment: | 381 |
| FRS ID - Transfer Location: | 110000521221 |

| | |
|---|---|
| TRI ID: | 60434LCNTYROUTE |
| Cas number: | 0007429905 |
| Chemical name: | Aluminum (fume or dust) |
| Classification: | TRI |
| Unit of measure: | Pounds |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Metal ind: | YES |
| Revision code 1: | Not reported |
| Revision code 2: | Not reported |
| Maximum amount on site: | 06 |
| Fugitive air emissions - total release pounds: | 1440 |
| Fugitive air emissions - total release range code: | Not reported |
| Total fugitive air emissions: | 1440 |
| Fugitive air emissions - basis of estimate: | Other |
| Stack air emissions - release pounds: | 6600 |
| Stack air emissions - release range code: | Not reported |
| Total stack air emissions: | 6600 |
| Stack air emissions - basis of estimate: | Other |
| Total air emissions: | 8040 |
| Discharges to stream a - stream name: | NA |
| Total discharges to stream a: | 0 |
| Discharges to stream a - basis of estimate: | Not reported |
| Discharges to stream a - % from stormwater: | Not reported |
| Discharges to stream b - stream name: | Not reported |
| Total discharges to stream b: | Not reported |
| Discharges to stream b - basis of estimate: | Not reported |
| Discharges to stream b - % from stormwater: | Not reported |
| Discharges to stream c - stream name: | Not reported |
| Total discharges to stream c: | Not reported |
| Discharges to stream c - basis of estimate: | Not reported |
| Discharges to stream c - % from stormwater: | Not reported |
| Discharges to stream d - stream name: | Not reported |
| Total discharges to stream d: | Not reported |
| Discharges to stream d - basis of estimate: | Not reported |
| Discharges to stream d - % from stormwater: | Not reported |
| Discharges to stream e - stream name: | Not reported |
| Total discharges to stream e: | Not reported |
| Discharges to stream e - basis of estimate: | Not reported |
| Discharges to stream e - % from stormwater: | Not reported |
| Discharges to stream f - stream name: | Not reported |
| Total discharges to stream f: | Not reported |
| Discharges to stream f - basis of estimate: | Not reported |
| Discharges to stream f - % from stormwater: | Not reported |
| Discharges to stream g - stream name: | Not reported |
| Total discharges to stream g: | Not reported |
| Discharges to stream g - basis of estimate: | Not reported |
| Discharges to stream g - % from stormwater: | Not reported |
| Discharges to stream h - stream name: | Not reported |
| Discharges to stream h - release pounds: | Not reported |
| Discharges to stream h - release range code: | Not reported |
| Total discharges to stream h: | Not reported |
| Discharges to stream h - basis for estimate: | Not reported |
| Discharges to stream h - % from stormwater: | Not reported |
| Total number of receiving streams: | 0 |
| Total surface water discharge: | 0 |
| Total on-site underground inj - pounds: | Not reported |
| On-site underground inj - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl i wells - pounds: | 0 |
| On-site underground inj to c1 i wells - basis of estimate: | Not reported |
| Total on-site ugrnd inj to cl ii-v wells - pounds: | 0 |
| On-site ungrnd inj to cl ii-v wells - basis of estimate: | Not reported |
| Total on-site underground injection: | 0 |
| Total on-site landfills: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| On-site landfills - basis of estimate: | Not reported |
| Total on-site RCRA subtitle c landfills: | 0 |
| On-site RCRA subtitle c landfills - basis of estimate: | Not reported |
| Total other on-site landfills: | 0 |
| Other landfills - basis of estimate: | Not reported |
| Total on-site land treatment: | 0 |
| Land trtmt/appl farming - basis of estimate: | Not reported |
| Total surface impoundments: | Not reported |
| Surface impoundment - basis of estimate: | Not reported |
| Total RCRA c surface impoundments: | 0 |
| RCRA c Surface impoundment - basis of estimate: | Not reported |
| Total other surface impoundments: | 0 |
| Other surface impoundment - basis of estimate: | Not reported |
| Total other disposal: | 0 |
| Other disposal - basis of estimate: | Not reported |
| Total on-site land releases: | 0 |
| Total on-site releases: | 8040 |
| Off-site - POTW releases: | 0 |
| Off-site - storage only: | 0 |
| Off-site - solid/stab - metals: | 0 |
| Off-site - wastewater treatment release - metals: | 0 |
| Off-site - solid/stab - release - metals: | 0 |
| Off-site - wastewater treatment - metals: | 0 |
| Off-site - underground injection: | 0 |
| Off-site - underground injection - class 1 wells: | 0 |
| Off-site - underground injection - class ii-v wells: | 0 |
| Off-site - landfills/disposal surface impoundments: | 0 |
| Off-site - surface impoundment: | 0 |
| Off-site - RCRA subtitle c surface impoundments: | 0 |
| Off-site - other surface impoundments: | 0 |
| Off-site - other landfills: | 0 |
| Off-site - RCRA subtitle c landfills: | 0 |
| Off-site - disposal - land treatment: | 0 |
| Off-site - disposal - other land disposal: | 0 |
| Off-site - disposal - other off-site management: | 1920 |
| Off-site - disposal - transfer to waste broker: | 0 |
| Off-site - disposal - unknown: | 0 |
| Total transferred off site for disposal: | 1920 |
| Off-site - recycling - solvents/organics recovery: | 0 |
| Off-site - recycling -metals recovery: | 0 |
| Off-site - recycling - other reuse or recovery: | 0 |
| Off-site - recycling - acid regeneration: | 0 |
| Off-site - recycling - transfer to waste broker: | 0 |
| Total transferred off site for recycling: | 0 |
| Off-site - energy recovery: | 0 |
| Off-site - transfer to waste broker for energy recovery: | 0 |
| Total transferred off site for energy recovery: | 0 |
| Off-site - POTW treatment: | 0 |
| Off-site - solid/stab treatment - non metals: | 0 |
| Off-site -incineration/thermal treatment: | 0 |
| Off-site - incineration/insignificant heat value: | 0 |
| Off-site - wastewater treatment - non-metals: | 0 |
| Off-site - other waste treatment: | 0 |
| Off-site - transfer to waste broker - waste treatment: | 0 |
| Total transferred off site for treatment: | 0 |
| Off-site - transfer to waste broker: | 0 |
| Total transferred off site for further waste management: | 1920 |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Total POTW transfer: | 0 |
| Energy recovery on site current year: | 0 |
| Recycled on site current year: | 0 |
| Treated on site current year: | 0 |
| Total on-site waste management: | 0 |
| On-site energy recovery method 1: | Not Applicable |
| On-site energy recovery method 2: | Not reported |
| On-site energy recovery method 3: | Not Applicable |
| On-site energy recovery method 4: | Not reported |
| On-site recycling processes method 1: | Not Applicable |
| On-site recycling processes method 2: | Not reported |
| On-site recycling processes method 3: | Not reported |
| On-site recycling processes method 4: | Not reported |
| On-site recycling processes method 5: | Not reported |
| On-site recycling processes method 6: | Not reported |
| On-site recycling processes method 7: | Not reported |
| FRS Facility ID: | 110000432666 |
| Elemental Metal Included: | NO |
| Waste Rock Pile managed Indicator: | 0 |
| Waste Rock Quantity: | Not reported |
| Off Site - POTW Releases 81C: | 0 |
| Off Site - POTW Releases 81D: | 0 |
| Assigned Partial Facility Flag: | NO |
| Case Number: | 7429-90-5 |
| Mixture Name: | NA |
| Clean Air Act Ind: | NO |
| Carcinogen Ind: | NO |
| PFAS Ind: | NO |

Chemical Activities and Uses:

| | |
|---|---|
| Cas number: | 0007429905 |
| Document control number: | 1321220304392 |
| Chemical name: | Aluminum (fume or dust) |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Produce the chemical: | Yes |
| Import the chemical: | Yes |
| On-site use of the chemical: | Yes |
| Sale or distribution of the chemical: | Yes |
| As a byproduct: | No |
| As a manufactured impurity: | No |
| Used as a reactant: | No |
| P101 feedstocks: | No |
| P102 raw materials: | No |
| P103 intermediates: | No |
| P104 initiators: | No |
| P199 other: | No |
| Added as a formulation component: | Yes |
| P201 additives: | Yes |
| P202 dyes: | No |
| P203 reaction diluents: | No |
| P204 initiators: | No |
| P205 solvents: | No |
| P206 inhibitors: | No |
| P207 emulsifiers: | No |
| P208 surfactants: | No |
| P209 lubricants: | No |
| P210 flame retardants: | No |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| P211 rheological modifiers: | No |
| P299 other: | No |
| Used as an article component: | No |
| Repackaging: | Yes |
| As a process impurity: | No |
| Processed / recycling: | No |
| Used as a chemical processing aid: | No |
| Z101 process solvents: | No |
| Z102 catalysts: | No |
| Z103 inhibitors: | No |
| Z104 initiators: | No |
| Z105 reaction terminators: | No |
| Z106 solution buffers: | No |
| Z199 other: | No |
| Used as a manufacturing aid: | No |
| Z201 process lubricants: | No |
| Z202 metalworking fluids: | No |
| Z203 coolants: | No |
| Z204 refrigerants: | No |
| Z205 hydraulic fluids: | No |
| Z299 other: | No |
| Ancillary or other use: | No |
| Z301 cleaner: | No |
| Z302 degreaser: | No |
| Z303 lubricant: | No |
| Z304 fuel: | No |
| Z305 flame retardant: | No |
| Z306 waste treatment: | No |
| Z307 water treatment: | No |
| Z308 construction materials: | No |
| Z399 other: | No |

| | |
|---|---|
| Submitted Facility Name: | Not reported |
| Submitted Street: | Not reported |
| Submitted City: | Not reported |
| Submitted County: | Not reported |
| Submitted State: | Not reported |
| Submitted Zip Code: | Not reported |
| Submitted BIA Code: | Not reported |
| Submitted Tribe Name: | Not reported |
| Submitted Parent Company Name: | Not reported |
| Submitted Parent Company DB Number: | Not reported |
| Submitted Standardized Parent Company Name: | Not reported |
| Submitted Primary NAICS Code: | Not reported |
| Submitted Industry Code: | 999 |
| Submitted Industry Name: | Other |
| Industry Code: | 331 |
| Industry Name: | Primary Metals |
| Last year the facility reported: | 2021 |
| First year the facility reported: | 1987 |
| Number of forms submitted: | 5 |
| Total number of forms submitted: | 137 |
| Assigned Agency: | Not reported |

Detailed On-site Waste Treatment Methods and Efficiency:

| | |
|---|---|
| Cas number: | 0007429905 |
| Document control number: | 1321220304392 |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Chemical name: | Aluminum (fume or dust) |
| Classification: | TRI |
| Unit of measure: | Pounds |
| Stream 1 - waste stream code: | NA |
| Stream 1 - trtmt method - sequence 1: | Not reported |
| Stream 1 - trtmt method - sequence 2: | Not reported |
| Stream 1 - trtmt method - sequence 3: | Not reported |
| Stream 1 - trtmt method - sequence 4: | Not reported |
| Stream 1 - trtmt method - sequence 5: | Not reported |
| Stream 1 - trtmt method - sequence 6: | Not reported |
| Stream 1 - trtmt method - sequence 7: | Not reported |
| Stream 1 - trtmt method - sequence 8: | Not reported |
| Stream 1 - based on operating data: | Not reported |
| Stream 2 - waste stream code: | Not reported |
| Stream 2 - trtmt method - sequence 1: | Not reported |
| Stream 2 - trtmt method - sequence 2: | Not reported |
| Stream 2 - trtmt method - sequence 3: | Not reported |
| Stream 2 - trtmt method - sequence 4: | Not reported |
| Stream 2 - trtmt method - sequence 5: | Not reported |
| Stream 2 - trtmt method - sequence 6: | Not reported |
| Stream 2 - trtmt method - sequence 7: | Not reported |
| Stream 2 - trtmt method - sequence 8: | Not reported |
| Stream 2 - based on operating data: | Not reported |
| Stream 3 - waste stream code: | Not reported |
| Stream 3 - trtmt method - sequence 1: | Not reported |
| Stream 3 - trtmt method - sequence 2: | Not reported |
| Stream 3 - trtmt method - sequence 3: | Not reported |
| Stream 3 - trtmt method - sequence 4: | Not reported |
| Stream 3 - trtmt method - sequence 5: | Not reported |
| Stream 3 - trtmt method - sequence 6: | Not reported |
| Stream 3 - trtmt method - sequence 7: | Not reported |
| Stream 3 - trtmt method - sequence 8: | Not reported |
| Stream 3 - based on operating data: | Not reported |
| Stream 4 - waste stream code: | Not reported |
| Stream 4 - trtmt method - sequence 1: | Not reported |
| Stream 4 - trtmt method - sequence 2: | Not reported |
| Stream 4 - trtmt method - sequence 3: | Not reported |
| Stream 4 - trtmt method - sequence 4: | Not reported |
| Stream 4 - trtmt method - sequence 5: | Not reported |
| Stream 4 - trtmt method - sequence 6: | Not reported |
| Stream 4 - trtmt method - sequence 7: | Not reported |
| Stream 4 - trtmt method - sequence 8: | Not reported |
| Stream 4 - based on operating data: | Not reported |
| Stream 5 - waste stream code: | Not reported |
| Stream 5 - trtmt method - sequence 1: | Not reported |
| Stream 5 - trtmt method - sequence 2: | Not reported |
| Stream 5 - trtmt method - sequence 3: | Not reported |
| Stream 5 - trtmt method - sequence 4: | Not reported |
| Stream 5 - trtmt method - sequence 5: | Not reported |
| Stream 5 - trtmt method - sequence 6: | Not reported |
| Stream 5 - trtmt method - sequence 7: | Not reported |
| Stream 5 - trtmt method - sequence 8: | Not reported |
| Stream 5 - based on operating data: | Not reported |

Details of Off-site Transfers:

| | |
|---|---|
| Cas number: | 0007429905 |
| Document control number: | 1321220304392 |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Chemical name: | Aluminum (fume or dust) |
| Classification: | TRI |
| Offsite RCRA id nr: | ARD069748192 |
| Offsite transfer sequence number: | 1 |
| Offsite name: | CLEAN HARBORS EL DORADO, LLC |
| Offsite street address: | 309 AMERICAN CIRCLE |
| Offsite City,State,Zip: | EL DORADO, AR 71730 |
| Offsite county: | UNION |
| Offsite province: | Not reported |
| Offsite country id: | Not reported |
| Offsite control: | NO |
| Unit of measure: | Pounds |
| Offsite other off-site mgmt m90 LBS: | 1920 |
| Offsite other off-site mgmt m90 BOE: | Periodic/Random Monotoning Data |
| Total amount transferred offsite for disposal: | 1920 |
| Total amount transferred offsite for recycling: | 0 |
| Total amount transferred offsite for energy recovery: | 0 |
| Total amount transferred offsite for treatment: | 0 |
| FRS ID - Transfer Location: | 110000521221 |

ICIS:

| | |
|---|---|
| Enforcement Action ID: | IL000A0000171970017000032 |
| FRS ID: | 110000432666 |
| Action Name: | TOYAL AMERICA INC 171970017000032 |
| Facility Name: | TOYAL AMERICA INC |
| Facility Address: | 17401 S BROADWAY<br>LOCKPORT, IL 60441 |
| Enforcement Action Type: | Civil Judicial Action |
| Facility County: | WILL |
| Program System Acronym: | AIR |
| Enforcement Action Forum Desc: | Judicial |
| EA Type Code: | CIV |
| Facility SIC Code: | 3399 |
| Federal Facility ID: | Not reported |
| Latitude in Decimal Degrees: | 41.570481 |
| Longitude in Decimal Degrees: | -88.08406 |
| Permit Type Desc: | Not reported |
| Program System Acronym: | IL000197810AAQ |
| Facility NAICS Code: | 331314 |
| Tribal Land Code: | Not reported |

| | |
|---|---|
| Enforcement Action ID: | IL000A0000171970017000029 |
| FRS ID: | 110000432666 |
| Action Name: | TOYAL AMERICA INC 171970017000029 |
| Facility Name: | TOYAL AMERICA INC |
| Facility Address: | 17401 S BROADWAY<br>LOCKPORT, IL 60441 |
| Enforcement Action Type: | Notice of Violation |
| Facility County: | WILL |
| Program System Acronym: | AIR |
| Enforcement Action Forum Desc: | Administrative - Informal |
| EA Type Code: | NOV |
| Facility SIC Code: | 3399 |
| Federal Facility ID: | Not reported |
| Latitude in Decimal Degrees: | 41.570481 |
| Longitude in Decimal Degrees: | -88.08406 |

**TOYAL AMERICA INC (Continued)** **1000150822**

Permit Type Desc: Not reported
Program System Acronym: IL000197810AAQ
Facility NAICS Code: 331314
Tribal Land Code: Not reported

Enforcement Action ID: IL000A0000171970017000004
FRS ID: 110000432666
Action Name: TOYAL AMERICA INC 171970017000004
Facility Name: TOYAL AMERICA INC
Facility Address: 17401 S BROADWAY
LOCKPORT, IL 60441
Enforcement Action Type: Notice of Violation
Facility County: WILL
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3399
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 41.570481
Longitude in Decimal Degrees: -88.08406
Permit Type Desc: Not reported
Program System Acronym: IL000197810AAQ
Facility NAICS Code: 331314
Tribal Land Code: Not reported

US AIRS MINOR:
Envid: 1000150822
Region Code: 05
Programmatic ID: AIR IL000197810AAQ
Facility Registry ID: 110000432666
D and B Number: Not reported
Primary SIC Code: 3399
NAICS Code: 331314
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: OTH
HPV Status: Not reported

US AIRS MINOR:
Region Code: 05
Programmatic ID: AIR IL000197810AAQ
Facility Registry ID: 110000432666
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-10-12 00:00:00
Activity Status Date: 2012-01-06 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 05
Programmatic ID: AIR IL000197810AAQ
Facility Registry ID: 110000432666
Air Operating Status Code: OPR
Default Air Classification Code: MIN

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 2016-02-23 00:00:00 |
| Activity Status Date: | 2016-03-02 11:34:29 |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Active |
| | |
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1981-12-22 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |
| | |
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1984-12-20 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |
| | |
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1985-12-17 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |
| | |
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1987-09-09 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |
| | |
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1988-09-08 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |
| | |
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1989-09-29 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |
| | |
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1990-09-25 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |
| | |
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1991-12-17 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |
| | |
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1992-12-17 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1993-12-23 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |

| | |
|---|---|
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1994-12-08 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |

| | |
|---|---|
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1997-11-10 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |

| | |
|---|---|
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 1999-04-21 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |
| Activity Type: | Inspection/Evaluation |
| Activity Status: | Not reported |

| | |
|---|---|
| Region Code: | 05 |
| Programmatic ID: | AIR IL000197810AAQ |
| Facility Registry ID: | 110000432666 |
| Air Operating Status Code: | OPR |
| Default Air Classification Code: | MIN |
| Air Program: | State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards |
| Activity Date: | 2001-09-06 00:00:00 |
| Activity Status Date: | Not reported |
| Activity Group: | Compliance Monitoring |

**TOYAL AMERICA INC (Continued)** **1000150822**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR IL000197810AAQ
Facility Registry ID: 110000432666
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-09-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR IL000197810AAQ
Facility Registry ID: 110000432666
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-08-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR IL000197810AAQ
Facility Registry ID: 110000432666
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR IL000197810AAQ
Facility Registry ID: 110000432666
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-06-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR IL000197810AAQ
Facility Registry ID: 110000432666
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

**TOYAL AMERICA INC (Continued)** **1000150822**

Activity Date: 2010-04-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR IL000197810AAQ
Facility Registry ID: 110000432666
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-05-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 05
Programmatic ID: AIR IL000197810AAQ
Facility Registry ID: 110000432666
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-01-03 00:00:00
Activity Status Date: 1986-01-03 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 05
Programmatic ID: AIR IL000197810AAQ
Facility Registry ID: 110000432666
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-07-15 00:00:00
Activity Status Date: 1998-07-15 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 05
Programmatic ID: AIR IL000197810AAQ
Facility Registry ID: 110000432666
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2010-07-15 00:00:00
Activity Status Date: 2010-07-15 00:00:00
Activity Group: Enforcement Action
Activity Type: Judicial
Activity Status: Closed

FINDS:
Registry ID: 110000432666

**TOYAL AMERICA INC (Continued)** **1000150822**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database

THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES

The Air Facility System (AFS) contains compliance and permit data for stationary sources of air pollution regulated by the EPA, state, and local air pollution agencies.

The database that supports the Toxic Substances Control Act (TSCA) of 1976, which provides EPA with authority to require reporting, record-keeping and testing requirements, and restrictions relating to chemical substances and/or mixtures. Certain substances are generally excluded from TSCA, including, among others, food, drugs, cosmetics and pesticides. TSCA addresses the production, importation, use, and disposal of specific chemicals including polychlorinated biphenyls (PCBs), asbestos, radon and lead-based paint.

ICIS-Air (AIR) AIR is the modernization of the Air Facility System (AFS) into the Integrated Compliance Information System (ICIS). AIR contains enforcement, compliance, and permit data for stationary sources of air pollution regulated by the EPA, State, and Local air pollution agencies.

The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.

The Department of Labor, Occupational Safety and Health Administration information system consists of inspection case detail for approximately 100,000 OSHA inspections conducted annually. The FRS dataset includes facilities that had inspections within the last 7 years within the mining, oil and gas, utilities, and manufacturing sectors.

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and

**TOYAL AMERICA INC (Continued)** **1000150822**

reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
The Agency Compliance and Enforcement Systems (ACES) application supports the compliance and enforcement activities that exist primarily within the Illinois Bureaus of Air, Water, and Land, the Division of Legal Counsel, and the Office of Chemical Safety. The intent of the system is to track compliance and enforcement processes and to share the information throughout the agency, the public and with other entities.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

| | |
|---|---|
| Envid: | 1000150822 |
| Registry ID: | 110000432666 |
| DFR URL: | http://echo.epa.gov/detailed-facility-report?fid=110000432666 |
| Name: | TOYAL AMERICA INC |
| Address: | 17401 S. BROADWAY |
| City,State,Zip: | LOCKPORT, IL 60441 |

PFAS ECHO:

| | |
|---|---|
| Name: | TOYAL AMERICA INC |
| Address: | Not reported |
| City,State,Zip: | LOCKPORT, IL |
| Latitude: | 41.570481 |
| Longitude: | -88.08406 |
| Count: | 1 |
| County: | WILL |
| Status: | Active |
| Region: | 05 |
| Industry: | Paints and Coatings |
| ECHO Facility Report: | https://echo.epa.gov/detailed-facility-report?fid=110000432666 |
| Facility Percent Minority: | 49.777 |
| Facility Derived Tribes: | - |
| Facility Population: | 2368.38 |
| EPA Programs: | CAA; CWA; RCRA |
| Federal Facility: | No |
| Federal Agency: | - |
| Facility FIPS Code: | 17197 |
| Facility Indian Country Flag: | N |
| Facility Collection Method: | INTERPOLATION-PHOTO |
| Facility Derived HUC: | 07120004 |
| Facility Derived WBD: | 071200040706 |
| Facility Derived CD113: | 03 |
| Facility Derived CB2010: | 171978841031050 |
| Facility Major Flag: | - |
| Facility Active Flag: | Y |
| Facility Inspection Count: | 1 |
| Facility Date Last Inspection: | 7/23/2019 |
| Facility Days Last Inspection: | 1,439 |
| Facility Informal Count: | 0 |
| Facility Date Last Informal Action: | 6/2/2008 |
| Facility Formal Action Count: | 0 |
| Facility Date Last Formal Action: | 7/15/2010 |
| Facility Total Penalties: | 0 |
| Facility Penalty Count: | - |

**TOYAL AMERICA INC (Continued)** **1000150822**

| | |
|---|---|
| Facility Date Last Penalty: | 7/15/2010 |
| Facility Last Penalty AMT: | 716,400 |
| Facility QTRS With NC: | 0 |
| Facility Programs With SNC: | 0 |
| Facility Compliance Status: | No Violation Identified |
| Facility SNC Flag: | N |
| AIR Flag: | Y |
| NPDES Flag: | Y |
| SDWIS Flag: | N |
| RCRA Flag: | Y |
| TRI Flag: | Y |
| GHG Flag: | N |
| AIR IDS: | IL000197810AAQ |
| CAA Permit Types: | Minor Emissions |
| CAA NAICS: | 331314 |
| CAA SICS: | 3399 |
| NPDES IDS: | ILR005212 |
| CWA Permit Types: | Minor |
| CWA NAICS: | - |
| CWA SICS: | - |
| RCRA IDS: | ILD000716860 |
| RCRA Permit Types: | LQG |
| RCRA NAICS: | 331314 |
| SDWA IDS: | - |
| SDWA System Types: | - |
| SDWA Compliance Status: | - |
| SDWA SNC Flag: | N |
| TRI IDS: | 60434LCNTYROUTE |
| TRI Releases Transfers: | 20239 |
| TRI On Site Releases: | 11,012 |
| TRI Off Site Transfers: | 9,227 |
| TRI Reporter: | Y |
| Facility IMP Water Flag: | - |
| EJSCREEN Flag US: | N |
| EJSCREEN Report: | https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-88.08406,%22y%22:41.570481,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1 |

Count: 2 records.

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|---|---|---|---|---|---|
| JOLIET | S103695462 | JOLIET PARK DIST. | RT. 59 & CATON FARM RD. | 60432 | IL LUST |
| LOCKPORT | S107926317 | FAIRFAX SUBDIVISION | MAY STREET | | IL SSU |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

**STANDARD ENVIRONMENTAL RECORDS**

***Lists of Federal NPL (Superfund) sites***

NPL: National Priority List
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites
A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens
Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

***Lists of Federal Delisted NPL sites***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: N/A
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Quarterly

***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

***Lists of Federal RCRA TSD facilities***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

***Lists of Federal RCRA generators***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

***Federal institutional controls / engineering controls registries***

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/07/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 64

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/02/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 62

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

***Federal ERNS list***

ERNS: Emergency Response Notification System
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/12/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

***Lists of state- and tribal hazardous waste facilities***

SSU: State Sites Unit Listing
The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

Date of Government Version: 03/23/2022
Date Data Arrived at EDR: 03/23/2022
Date Made Active in Reports: 06/17/2022
Number of Days to Update: 86

Source: Illinois Environmental Protection Agency
Telephone: 217-524-4826
Last EDR Contact: 07/11/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 10/19/2022
Date Made Active in Reports: 01/05/2023
Number of Days to Update: 78

Source: Illinois Environmental Protection Agency
Telephone: 217-785-8604
Last EDR Contact: 07/17/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Annually

CCDD: Clean Construction or Demolition Debris
Construction and demolition (C and D) debris is nonhazardous, uncontaminated material resulting from construction, remodeling, repair, or demolition of utilities, structures, and roads.

Date of Government Version: 09/11/2020
Date Data Arrived at EDR: 10/28/2020
Date Made Active in Reports: 12/09/2020
Number of Days to Update: 42

Source: Illinois EPA
Telephone: 217-524-3300
Last EDR Contact: 10/02/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

LF WMRC: Waste Management & Research Center Landfill Database
The Waste Management & Research Center Landfill Database includes records from the Department of Public Health, Department of Mines & Minerals, Illinois Environmental Protection Agency, State Geological Survey, Northeastern Illinois Planning Commission and Pollution Control Board.

Date of Government Version: 12/31/2001
Date Data Arrived at EDR: 10/06/2006
Date Made Active in Reports: 11/06/2006
Number of Days to Update: 31

Source: Department of Natural Resources
Telephone: 217-333-8940
Last EDR Contact: 09/18/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: No Update Planned

LF SPECIAL WASTE: Special Waste Site List

These landfills, as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois EPA Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste, Non-Regional Pollution Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollution Control Facility by RPCF, or Non-Regional Pollution Control Facility by Non-RPCF.

Date of Government Version: 01/01/1990
Date Data Arrived at EDR: 06/17/2009
Date Made Active in Reports: 07/15/2009
Number of Days to Update: 28

Source: Illinois EPA
Telephone: 217-782-9288
Last EDR Contact: 06/10/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IL NIPC: Solid Waste Landfill Inventory

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/1988
Date Data Arrived at EDR: 04/07/2022
Date Made Active in Reports: 07/01/2022
Number of Days to Update: 85

Source: Northeastern Illinois Planning Commission
Telephone: 312-454-0400
Last EDR Contact: 04/07/2022
Next Scheduled EDR Contact: 07/18/2022
Data Release Frequency: No Update Planned

***Lists of state and tribal leaking storage tanks***

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/03/2023
Number of Days to Update: 77

Source: Illinois Environmental Protection Agency
Telephone: 217-524-3300
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Semi-Annually

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

LUST TRUST: Underground Storage Tank Fund Payment Priority List
In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner.

Date of Government Version: 06/06/2016
Date Data Arrived at EDR: 07/27/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 83

Source: Illinois EPA
Telephone: 217-782-6762
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

***Lists of state and tribal registered storage tanks***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 05/30/2023
Number of Days to Update: 82

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

UST: Underground Storage Tank Facility List
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/03/2023
Number of Days to Update: 77

Source: Illinois State Fire Marshal
Telephone: 217-785-0969
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks
Listing of all aboveground tanks inspected by Office of State Fire Marshal.

Date of Government Version: 05/01/2023
Date Data Arrived at EDR: 05/16/2023
Date Made Active in Reports: 08/08/2023
Number of Days to Update: 84

Source: State Fire Marshal
Telephone: 217-785-1011
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

***State and tribal institutional control / engineering control registries***

ENG CONTROLS: Sites with Engineering Controls
Sites using of engineered barriers (e.g., asphalt or concrete paving).

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 06/26/2023
Date Made Active in Reports: 09/13/2023
Number of Days to Update: 79

Source: Illinois Environmental Protection Agency
Telephone: 217-782-6761
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

Inst Control: Institutional Controls
Legal or administrative restrictions on land use and/or other activities (e.g., groundwater use restrictions) which effectively limit exposure to contamination may be employed as alternatives to removal or treatment of contamination.

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 06/26/2023
Date Made Active in Reports: 09/13/2023
Number of Days to Update: 79

Source: Illinois Environmental Protection Agency
Telephone: 217-782-6761
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

***Lists of state and tribal voluntary cleanup sites***

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Varies

SRP: Site Remediation Program Database
The database identifies the status of all voluntary remediation projects administered through the pre-notice site cleanup program (1989 to 1995) and the site remediation program (1996 to the present).

Date of Government Version: 06/26/2023
Date Data Arrived at EDR: 06/26/2023
Date Made Active in Reports: 09/13/2023
Number of Days to Update: 79

Source: Illinois Environmental Protection Agency
Telephone: 217-785-9407
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

***Lists of state and tribal brownfield sites***

BROWNFIELDS: Municipal Brownfields Redevelopment Grant Program Project Descriptions
The Illinois Municipal Brownfields Redevelopment Grant Program (MBRGP) offers grants worth a maximum of $240,000 each to municipalities to assist in site investigation activities, development of cleanup objectives, and performance of cleanup activities. Brownfields are abandoned or underused industrial and/or commercial properties that are contaminated (or thought to be contaminated) and have an active potential for redevelopment.

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 07/31/2014
Date Made Active in Reports: 09/08/2014
Number of Days to Update: 39

Source: Illinois Environmental Protection Agency
Telephone: 217-785-3486
Last EDR Contact: 07/20/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

BROWNFIELDS: Redevelopment Assessment Database
The Office of Site Evaluations Redevelopment Assessment database identifies the status of all properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a municipal Brownfield Redevelopment Assessment.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/03/2023
Number of Days to Update: 77

Source: Illinois Environmental Protection Agency
Telephone: 217-524-1658
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Semi-Annually

***Local Lists of Landfill / Solid Waste Disposal Sites***

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/27/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: No Update Planned

CDL: Meth Drug Lab Site Listing
A listing of clandestine/meth drug lab locations.

Date of Government Version: 07/01/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 217-782-5750
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Quarterly

***Local Land Records***

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

***Records of Emergency Release Reports***

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/19/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

SPILLS: State spills
A listing of incidents reported to the Office of Emergency Response.

Date of Government Version: 07/06/2023
Date Data Arrived at EDR: 07/07/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 75

Source: Illinois EPA
Telephone: 217-782-3637
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

IEMA SPILLS: Illinois Emergency Management Agency Spills
A listing of hazardous materials incidents reported to the Illinois Emergency Management Agency.

Date of Government Version: 04/24/2023
Date Data Arrived at EDR: 04/25/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 79

Source: Illinois Emergency Management Agency
Telephone: 217-524-0770
Last EDR Contact: 07/25/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 71

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

***Other Ascertainable Records***

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 56

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/09/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/01/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/03/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/15/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 75

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/18/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/09/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/06/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/20/2023
Date Data Arrived at EDR: 09/01/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 19

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 04/14/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/01/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/28/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/03/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/22/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2023
Date Data Arrived at EDR: 07/19/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 83

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/02/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2023
Next Scheduled EDR Contact: 11/13/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/10/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/22/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2023
Date Data Arrived at EDR: 05/24/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines
An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/13/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 61

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/04/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 60

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/24/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 09/13/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 54

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 07/19/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 10/02/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 08/28/2023
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 10/30/2023
Data Release Frequency: Varies

PFAS: PFAS Sampling Listing
The Illinois Environmental Protection Agency (Illinois EPA) has conducted statewide investigations into the prevalence and occurrence of Per- and Polyfluoroalkyl Substances (PFAS) contamination.

Date of Government Version: 06/28/2023
Date Data Arrived at EDR: 07/07/2023
Date Made Active in Reports: 07/20/2023
Number of Days to Update: 13

Source: Illinois Environmental Protection Agency
Telephone: 217-524-3038
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

AIRS: Air Inventory Listing
A listing of air permits and emissions information.

Date of Government Version: 07/05/2023
Date Data Arrived at EDR: 07/06/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 76

Source: Illinois EPA
Telephone: 217-557-0314
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Tracker Information
A listing of asbestos abatement & demolition project site locations in the state.

Date of Government Version: 06/16/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 77

Source: Illinois EPA
Telephone: 217-558-5101
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

BOL: Bureau of Land Inventory Database
Bureau of Land inventory for facility information. Data results are cross-linked with all on-line database system applications from IEPA - Bureau of Land as well as USEPA FRS database.

Date of Government Version: 12/02/2021
Date Data Arrived at EDR: 12/14/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 77

Source: Illinois Environmental Protection Agency
Telephone: 217-785-9407
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

COAL ASH: Coal Ash Site Listing
A listing of coal ash site lcoations.

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 03/09/2012
Date Made Active in Reports: 04/10/2012
Number of Days to Update: 32

Source: Illinois EPA
Telephone: 217-782-1654
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Annually

DRYCLEANERS: Illinois Licensed Drycleaners
Any retail drycleaning facility in Illinois must apply for a license through the Illinois Drycleaner Environmental Response Trust Fund. Drycleaner Environmental Response Trust Fund of Illinois.

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 08/02/2023
Number of Days to Update: 85

Source: Drycleaner Environmental Response Trust Fund of Illinois
Telephone: 800-765-4041
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing
Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/22/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 27

Source: Illinois Environmental Protection Agency
Telephone: 217-782-9887
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: No Update Planned

HWAR: Hazard Waste Annual Report

Each year, Illinois hazardous-waste generators tell the Illinois EPA the amounts and kinds of hazardous waste they produced during the previous year. Generators indicate by code the types of wastes produced and the steps they took to manage these wastes. If some or all of these wastes were sent to commercial treatment, storage, and disposal facilities (TSDFs), that information and the identity of each receiving facility also are submitted. Illinois TSDFs likewise report the types and quantities of wastes received from in-state and out-of-state generators; they also report the procedures they used to manage these wastes.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 08/02/2021
Number of Days to Update: 83

Source: Illinois EPA
Telephone: 217-524-3300
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

IMPDMENT: Surface Impoundment Inventory

Statewide inventory of industrial, municipal, mining, oil & gas , and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potentail for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

Date of Government Version: 12/31/1980
Date Data Arrived at EDR: 03/08/2002
Date Made Active in Reports: 06/03/2002
Number of Days to Update: 87

Source: Illinois Waste Management & Research Center
Telephone: 217-333-8940
Last EDR Contact: 05/12/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: No Update Planned

NPDES: A Listing of Active Permits

A listing of facilities currently active in the state. The types of permits are public, private, federal and state.

Date of Government Version: 04/16/2014
Date Data Arrived at EDR: 04/18/2014
Date Made Active in Reports: 05/20/2014
Number of Days to Update: 32

Source: Illinois EPA
Telephone: 217-782-0610
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

PIMW: Potentially Infectious Medical Waste

Potentially Infectious Medical Waste (PIMW) is waste generated in connection with the diagnosis, treatment (i.e., provision of medical services), or immunization of human beings or animals; research pertaining to the provision of medical services; or the provision or testing of biologicals.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 09/01/2023
Number of Days to Update: 79

Source: Illinois EPA
Telephone: 217-524-3289
Last EDR Contact: 09/11/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 08/02/2023
Number of Days to Update: 85

Source: Illinois Emergency Management Agency
Telephone: 217-785-9860
Last EDR Contact: 08/07/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: Annually

UIC: Underground Injection Wells
Injection wells are used for disposal of fluids by "injection" into the subsurface. The construction of injection wells range from very technical designs with twenty-four hour monitoring to simply a hole dug in the ground to control runoff. As a result of this diversity, the UIC Program divides injection wells into five different classes.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 12/15/2021
Date Made Active in Reports: 03/01/2022
Number of Days to Update: 76

Source: Illinois EPA
Telephone: 217-782-9878
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Semi-Annually

**EDR HIGH RISK HISTORICAL RECORDS**

***EDR Exclusive Records***

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR RECOVERED GOVERNMENT ARCHIVES

***Exclusive Recovered Govt. Archives***

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List
The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Natural Resources in Illinois.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Illinois Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Illinois Environmental Protection Agency in Illinois.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Illinois Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

## COUNTY RECORDS

COOK COUNTY:

CHICAGO ASBESTOS: CDPH Asbestos and Demolition Notification Listing
Notices of Intent (NOI) for demolition and asbestos abatement per Chapter 11-4 Article XVIII of the Municipal Code (see American Legal Publishing Corporation) submitted to the Department of Environment (DOE) for work started January, 1993 to December 31, 2011 or submitted to the Department of Public Health (CDPH) for work beginning on or after January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 06/13/2023
Date Made Active in Reports: 08/31/2023
Number of Days to Update: 79

Source: Chicago Department of Public Health
Telephone: 312-747-9884
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

CHICAGO COMPLAINTS: CDPH Environmental Complaints Listing
Environmental complaints received by the Department of Environment (DOE) from January 1993 to December 31, 2011 and by the Department of Public Health (CDPH) since January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 08/23/2023
Date Data Arrived at EDR: 08/31/2023
Date Made Active in Reports: 09/21/2023
Number of Days to Update: 21

Source: Chicago Department of Public Health
Telephone: 312-747-9884
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CHICAGO ENF: CDPH Environmental Enforcement Listing

Municipal and State code violation notices issued by the Department of Environment (DOE) from January, 1993 to December 31, 2012 and by the Department of Public Health (CDPH) Permitting and Inspections unit since January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH..

Date of Government Version: 05/31/2023
Date Data Arrived at EDR: 06/13/2023
Date Made Active in Reports: 08/31/2023
Number of Days to Update: 79

Source: Chicago Department of Public Health
Telephone: 312-747-9884
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

CHICAGO INSPECT: CDPH Environmental Inspections Listing

Inspections conducted by the Department of Environment (DOE) from April, 1997 to December 31, 2011 and by the Department of Public Health (CDPH) since January 1, 2012. On January 1, 2012, the Department of Environment was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 05/31/2023
Date Data Arrived at EDR: 06/13/2023
Date Made Active in Reports: 09/01/2023
Number of Days to Update: 80

Source: Chicago Department of Public Health
Telephone: 312-747-9884
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

CHICAGO PERMITS: CDPH Environmental Permits Listing

Permits issued by the Department of Environment (DOE) from January 1993 to December 31, 2011 and by the Department of Public Health (CDPH) since January 1, 2012. This dataset also includes tank permits issued by CDPH on behalf of the Office of the Illinois State Fire Marshall (OSFM). On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Date of Government Version: 05/31/2023
Date Data Arrived at EDR: 06/13/2023
Date Made Active in Reports: 09/01/2023
Number of Days to Update: 80

Source: Chicago Department of Public Health
Telephone: 312-747-9884
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

CHICAGO TANKS: CDPH Storage Tanks Listing

This dataset contains Aboveground Storage Tank (AST) and Underground Storage Tank (UST) information from the Department of Public Healtha??s (CDPH) Tank Asset Database. The Tank Asset Database contains tank information from CDPH AST and UST permit applications as well as UST records imported from the historic Department of Environment (DOE) database. This dataset also includes AST records from the historic DOE and pre-1992 UST records from the Building Department.

Date of Government Version: 05/31/2023
Date Data Arrived at EDR: 06/13/2023
Date Made Active in Reports: 07/18/2023
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 312-747-2374
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Quarterly

**OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/06/2023
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 11/20/2023
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/27/2023
Next Scheduled EDR Contact: 11/06/2023
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/05/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/10/2022
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Homes & Centers Listing
Source: Department of Children & Family Services
Telephone: 312-814-4150

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Illinois State Geological Survey
Telephone: 217-333-4747

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**STREET AND ADDRESS INFORMATION**

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# GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

**TARGET PROPERTY ADDRESS**

CREST HILL - OAKLAND AVE
1811 OAKLAND AVE
CREST HILL, IL 60403

**TARGET PROPERTY COORDINATES**

| | |
|---|---|
| Latitude (North): | 41.556664 - 41° 33' 23.99" |
| Longitude (West): | 88.098326 - 88° 5' 53.97" |
| Universal Tranverse Mercator: | Zone 16 |
| UTM X (Meters): | 408407.4 |
| UTM Y (Meters): | 4600924.5 |
| Elevation: | 640 ft. above sea level |

**USGS TOPOGRAPHIC MAP**

| | |
|---|---|
| Target Property Map: | 10705952 JOLIET, IL |
| Version Date: | 2018 |
| West Map: | 10705988 PLAINFIELD, IL |
| Version Date: | 2018 |

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

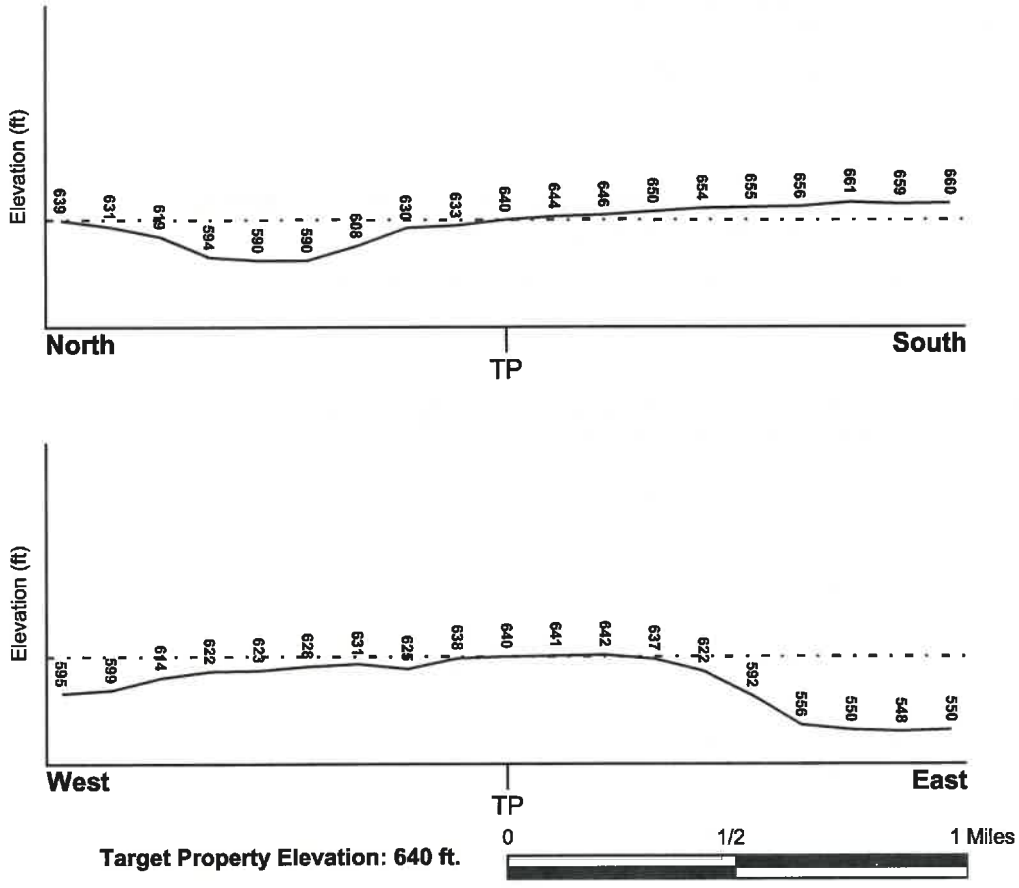
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES




Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

| Flood Plain Panel at Target Property | FEMA Source Type |
|---|---|
| 17197C0161E | FEMA Q3 Flood data |

| Additional Panels in search area: | FEMA Source Type |
|---|---|
| 17197C0154E | FEMA Q3 Flood data |
| 17197C0153E | FEMA Q3 Flood data |
| 17197C0162E | FEMA Q3 Flood data |

### NATIONAL WETLAND INVENTORY

| NWI Quad at Target Property | NWI Electronic Data Coverage |
|---|---|
| JOLIET | YES - refer to the Overview Map and Detail Map |

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

***Site-Specific Hydrogeological Data*:***

| | |
|---|---|
| Search Radius: | 1.25 miles |
| Status: | Not found |

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

| MAP ID | LOCATION FROM TP | GENERAL DIRECTION GROUNDWATER FLOW |
|---|---|---|
| Not Reported | | |

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

**ROCK STRATIGRAPHIC UNIT**

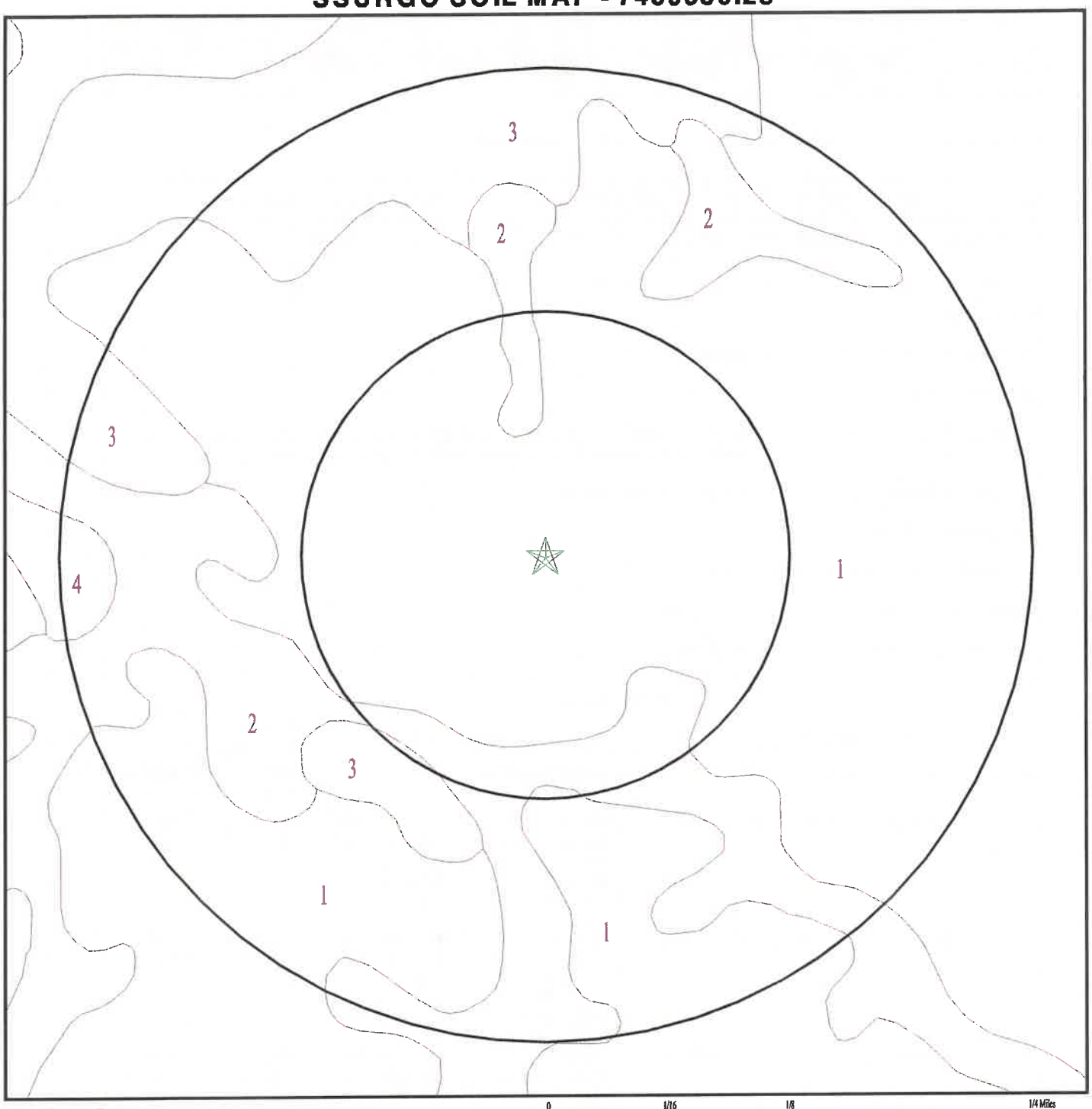
| | |
|---|---|
| Era: | Paleozoic |
| System: | Silurian |
| Series: | Middle Silurian (Niagoaran) |
| Code: | S2 *(decoded above as Era, System & Series)* |

**GEOLOGIC AGE IDENTIFICATION**

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 7469530.2s




★ Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

| | | | |
|---|---|---|---|
| SITE NAME: | Crest Hill - Oakland Ave | CLIENT: | V3 Companies of IL, LTD |
| ADDRESS: | 1811 Oakland Ave<br>Crest Hill IL 60403 | CONTACT: | Jonathan D Shuptar |
| | | INQUIRY #: | 7469530.2s |
| LAT/LONG: | 41.556664 / 88.098326 | DATE: | October 13, 2023 4:34 pm |

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# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

---

**Soil Map ID: 1**

Soil Component Name: Elliott

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 41 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 9 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.4 |
| 2 | 9 inches | 12 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.4 |
| 3 | 12 inches | 16 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.4 |
| 4 | 16 inches | 35 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.4 |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 5 | 35 inches | 59 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.4 |

**Soil Map ID: 2**

Soil Component Name: Ashkum

Soil Surface Texture: silty clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 53 inches | 59 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 7.8<br>Min: 6.6 |
| 2 | 0 inches | 11 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 7.8<br>Min: 6.6 |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 3 | 11 inches | 29 inches | silty clay | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 7.8<br>Min: 6.6 |
| 4 | 29 inches | 53 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 7.8<br>Min: 6.6 |

**Soil Map ID: 3**

Soil Component Name: Varna

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 9 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.9 |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 2 | 9 inches | 29 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.9 |
| 3 | 29 inches | 50 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.9 |
| 4 | 50 inches | 59 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.9 |

**Soil Map ID: 4**

Soil Component Name: Varna

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 9 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.9 |
| 2 | 9 inches | 31 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.9 |
| 3 | 31 inches | 35 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.9 |
| 4 | 35 inches | 59 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 1.41<br>Min: 0.42 | Max: 8.4<br>Min: 7.9 |

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

| DATABASE | SEARCH DISTANCE (miles) |
|---|---|
| Federal USGS | 1.000 |
| Federal FRDS PWS | Nearest PWS within 1 mile |
| State Database | 1.000 |

## FEDERAL USGS WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| B10 | USGS40000298669 | 1/4 - 1/2 Mile North |
| 13 | USGS40000298651 | 1/4 - 1/2 Mile SW |
| D16 | USGS40000298646 | 1/4 - 1/2 Mile SW |
| R72 | USGS40000298678 | 1/2 - 1 Mile NNE |
| AD144 | USGS40000298641 | 1/2 - 1 Mile ESE |

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| 6 | IL0081984 | 1/8 - 1/4 Mile South |

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| 1 | ILSG40000345598 | 0 - 1/8 Mile East |
| A2 | ILSG40000345597 | 1/8 - 1/4 Mile West |
| A3 | ILPW56065 | 1/8 - 1/4 Mile West |
| A4 | ILSG40000345600 | 1/8 - 1/4 Mile WSW |
| A5 | ILSG40000333684 | 1/8 - 1/4 Mile WSW |
| 7 | ILPW56064 | 1/8 - 1/4 Mile SW |
| 8 | ILPW56058 | 1/8 - 1/4 Mile ENE |
| B9 | ILEPAC700002227 | 1/8 - 1/4 Mile North |
| 11 | ILEPANC70004069 | 1/4 - 1/2 Mile South |
| 12 | ILSG40000345594 | 1/4 - 1/2 Mile ENE |
| C14 | ILSG40000344163 | 1/4 - 1/2 Mile WNW |
| C15 | ILEPAC700002229 | 1/4 - 1/2 Mile WNW |
| 17 | ILSG40000345601 | 1/4 - 1/2 Mile SE |
| D18 | ILSG40000333683 | 1/4 - 1/2 Mile SW |
| E19 | ILSG40000344167 | 1/4 - 1/2 Mile NE |
| 20 | ILSG40000351282 | 1/4 - 1/2 Mile ENE |
| F21 | ILEPANC70000226 | 1/4 - 1/2 Mile SSE |
| E22 | ILPW56059 | 1/4 - 1/2 Mile NNE |
| F23 | ILSG40000345052 | 1/4 - 1/2 Mile SSE |
| G24 | ILSG40000342173 | 1/4 - 1/2 Mile NNE |
| G25 | ILSG40000345602 | 1/4 - 1/2 Mile NNE |
| 26 | ILPW56040 | 1/4 - 1/2 Mile SW |
| 27 | ILPW49916 | 1/4 - 1/2 Mile SSW |
| H28 | ILPW56049 | 1/4 - 1/2 Mile NE |
| H29 | ILPW56052 | 1/4 - 1/2 Mile NE |
| H30 | ILPW56051 | 1/4 - 1/2 Mile NE |
| H31 | ILPW56048 | 1/4 - 1/2 Mile NE |
| H32 | ILPW56045 | 1/4 - 1/2 Mile NE |
| H33 | ILPW56047 | 1/4 - 1/2 Mile NE |
| H34 | ILPW56050 | 1/4 - 1/2 Mile NE |
| H35 | ILPW56046 | 1/4 - 1/2 Mile NE |
| H36 | ILPW56053 | 1/4 - 1/2 Mile NE |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**STATE DATABASE WELL INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| H37 | ILPW56054 | 1/4 - 1/2 Mile NE |
| 38 | ILSG40000345596 | 1/4 - 1/2 Mile ENE |
| 39 | ILSG40000345058 | 1/2 - 1 Mile SSW |
| 40 | ILSG40000349509 | 1/2 - 1 Mile East |
| I41 | ILSG40000352913 | 1/2 - 1 Mile East |
| 42 | ILSG40000344714 | 1/2 - 1 Mile SSE |
| I43 | ILEPANC70000351 | 1/2 - 1 Mile ESE |
| I44 | ILSG40000349793 | 1/2 - 1 Mile ESE |
| 45 | ILSG40000345060 | 1/2 - 1 Mile WSW |
| I46 | ILSG40000352995 | 1/2 - 1 Mile East |
| J47 | ILSG40000358188 | 1/2 - 1 Mile ENE |
| 48 | ILPW56063 | 1/2 - 1 Mile North |
| J49 | ILSG40000345593 | 1/2 - 1 Mile ENE |
| K50 | ILSG40000335299 | 1/2 - 1 Mile South |
| L51 | ILSG40000335047 | 1/2 - 1 Mile NE |
| L52 | ILSG40000345599 | 1/2 - 1 Mile NE |
| M53 | ILPW49914 | 1/2 - 1 Mile ESE |
| 54 | ILSG40000349466 | 1/2 - 1 Mile ENE |
| M55 | ILSG40000354928 | 1/2 - 1 Mile ESE |
| M56 | ILSG40000338000 | 1/2 - 1 Mile ESE |
| K57 | ILSG40000345041 | 1/2 - 1 Mile South |
| M58 | ILSG40000354927 | 1/2 - 1 Mile ESE |
| M59 | ILSG40000354926 | 1/2 - 1 Mile ESE |
| N60 | ILSG40000345046 | 1/2 - 1 Mile SSE |
| 61 | ILSG40000345036 | 1/2 - 1 Mile South |
| 62 | ILSG40000345053 | 1/2 - 1 Mile SSW |
| O63 | ILSG40000344164 | 1/2 - 1 Mile NNE |
| L64 | ILSG40000356285 | 1/2 - 1 Mile NE |
| M65 | ILSG40000358517 | 1/2 - 1 Mile ESE |
| O66 | ILSG40000333685 | 1/2 - 1 Mile NNE |
| L67 | ILSG40000356284 | 1/2 - 1 Mile NE |
| P68 | ILPW49913 | 1/2 - 1 Mile SE |
| Q69 | ILSG40000356286 | 1/2 - 1 Mile NE |
| 70 | ILPW49915 | 1/2 - 1 Mile SE |
| 71 | ILSG40000345045 | 1/2 - 1 Mile SSE |
| N73 | ILSG40000345042 | 1/2 - 1 Mile SSE |
| Q74 | ILSG40000351151 | 1/2 - 1 Mile NE |
| Q75 | ILSG40000356287 | 1/2 - 1 Mile NE |
| R76 | ILPW56061 | 1/2 - 1 Mile North |
| R77 | ILPW56062 | 1/2 - 1 Mile North |
| P78 | ILSG40000345040 | 1/2 - 1 Mile SE |
| 79 | ILSG40000345038 | 1/2 - 1 Mile South |
| S80 | ILSG40000345043 | 1/2 - 1 Mile South |
| T81 | ILSG40000352233 | 1/2 - 1 Mile NNW |
| O82 | ILPW56060 | 1/2 - 1 Mile NNE |
| Q83 | ILPW56057 | 1/2 - 1 Mile NE |
| T84 | ILEPAC700004198 | 1/2 - 1 Mile NNW |
| 85 | ILPW56039 | 1/2 - 1 Mile WNW |
| Q86 | ILSG40000356288 | 1/2 - 1 Mile NE |
| S87 | ILSG40000345035 | 1/2 - 1 Mile South |
| S88 | ILSG40000345049 | 1/2 - 1 Mile South |
| U89 | ILSG40000356289 | 1/2 - 1 Mile NE |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**STATE DATABASE WELL INFORMATION**

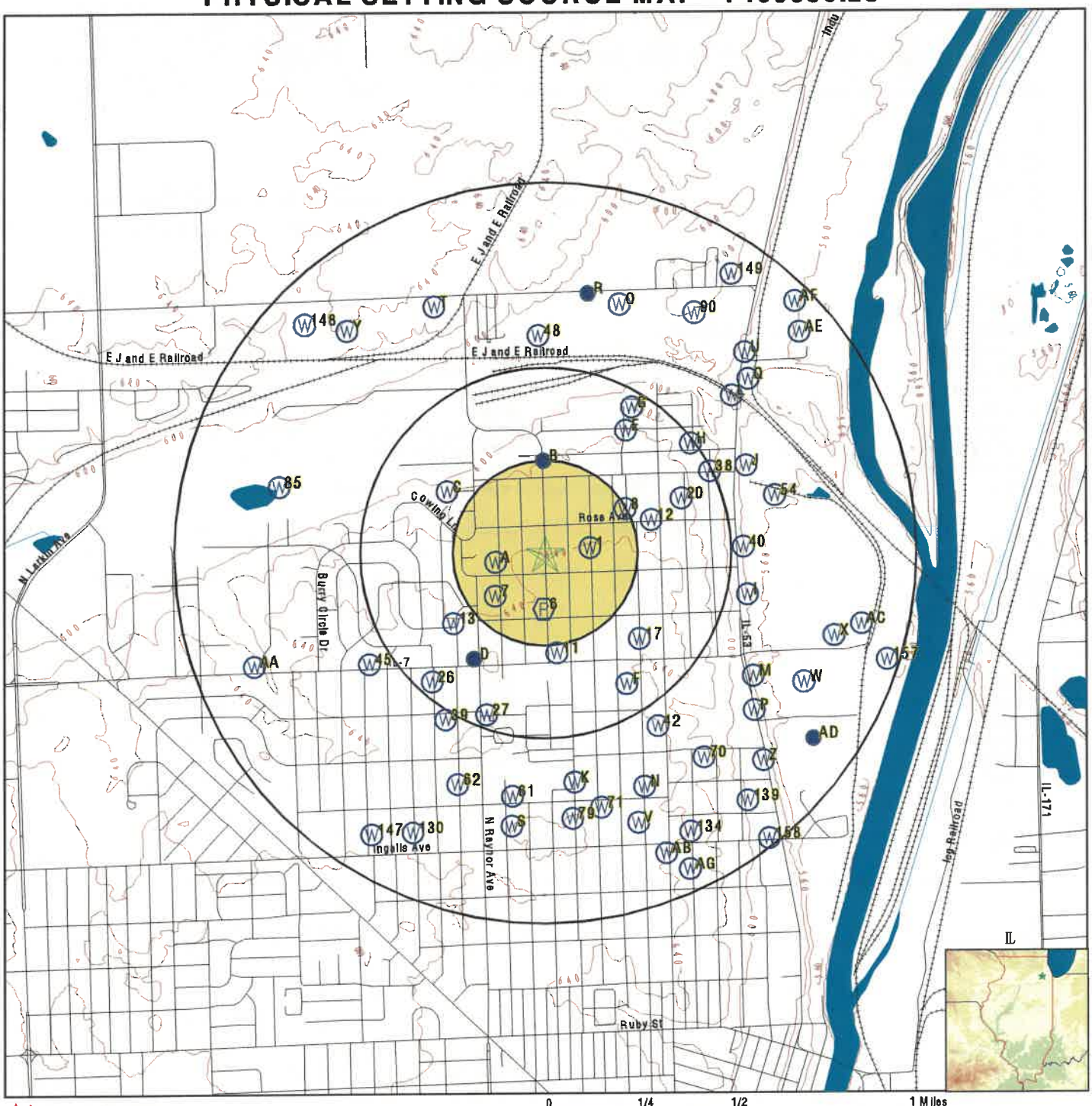
| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| 90 | ILSG40000344165 | 1/2 - 1 Mile NNE |
| U91 | ILSG40000356290 | 1/2 - 1 Mile NE |
| V92 | ILPW49908 | 1/2 - 1 Mile SSE |
| V93 | ILPW49898 | 1/2 - 1 Mile SSE |
| V94 | ILPW49897 | 1/2 - 1 Mile SSE |
| V95 | ILPW49907 | 1/2 - 1 Mile SSE |
| V96 | ILPW49904 | 1/2 - 1 Mile SSE |
| V97 | ILPW49903 | 1/2 - 1 Mile SSE |
| V98 | ILPW49906 | 1/2 - 1 Mile SSE |
| V99 | ILPW49895 | 1/2 - 1 Mile SSE |
| V100 | ILPW49901 | 1/2 - 1 Mile SSE |
| V101 | ILPW49911 | 1/2 - 1 Mile SSE |
| V102 | ILPW49892 | 1/2 - 1 Mile SSE |
| V103 | ILPW49899 | 1/2 - 1 Mile SSE |
| V104 | ILPW49894 | 1/2 - 1 Mile SSE |
| V105 | ILPW49896 | 1/2 - 1 Mile SSE |
| V106 | ILPW49900 | 1/2 - 1 Mile SSE |
| V107 | ILPW49905 | 1/2 - 1 Mile SSE |
| V108 | ILPW49888 | 1/2 - 1 Mile SSE |
| V109 | ILPW49890 | 1/2 - 1 Mile SSE |
| V110 | ILPW49893 | 1/2 - 1 Mile SSE |
| V111 | ILPW49889 | 1/2 - 1 Mile SSE |
| V112 | ILPW49909 | 1/2 - 1 Mile SSE |
| V113 | ILPW49902 | 1/2 - 1 Mile SSE |
| V114 | ILPW49891 | 1/2 - 1 Mile SSE |
| V115 | ILPW49910 | 1/2 - 1 Mile SSE |
| W116 | ILSG40000333532 | 1/2 - 1 Mile ESE |
| W117 | ILSG40000347647 | 1/2 - 1 Mile ESE |
| W118 | ILSG40000347645 | 1/2 - 1 Mile ESE |
| W119 | ILSG40000347646 | 1/2 - 1 Mile ESE |
| W120 | ILSG40000347648 | 1/2 - 1 Mile ESE |
| W121 | ILSG40000347649 | 1/2 - 1 Mile ESE |
| X122 | ILSG40000344166 | 1/2 - 1 Mile ESE |
| Y123 | ILPW56041 | 1/2 - 1 Mile NW |
| Y124 | ILPW56042 | 1/2 - 1 Mile NW |
| W125 | ILEPANC70000352 | 1/2 - 1 Mile ESE |
| Z126 | ILSG40000345039 | 1/2 - 1 Mile SE |
| Y127 | ILSG40000346427 | 1/2 - 1 Mile NW |
| AA128 | ILSG40000356278 | 1/2 - 1 Mile WSW |
| Z129 | ILSG40000345044 | 1/2 - 1 Mile SE |
| 130 | ILSG40000345059 | 1/2 - 1 Mile SSW |
| X131 | ILPW56055 | 1/2 - 1 Mile ESE |
| AA132 | ILSG40000350995 | 1/2 - 1 Mile WSW |
| AA133 | ILSG40000350996 | 1/2 - 1 Mile WSW |
| 134 | ILSG40000345033 | 1/2 - 1 Mile SSE |
| AA135 | ILSG40000350998 | 1/2 - 1 Mile WSW |
| AA136 | ILSG40000350997 | 1/2 - 1 Mile WSW |
| AB137 | ILSG40000345034 | 1/2 - 1 Mile SSE |
| AB138 | ILSG40000345051 | 1/2 - 1 Mile SSE |
| 139 | ILPW49912 | 1/2 - 1 Mile SE |
| AC140 | ILSG40000333686 | 1/2 - 1 Mile East |
| AC141 | ILPW56089 | 1/2 - 1 Mile ESE |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**STATE DATABASE WELL INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| AC142 | ILPW56088 | 1/2 - 1 Mile ESE |
| AC143 | ILPW56090 | 1/2 - 1 Mile ESE |
| AD145 | ILSG40000333531 | 1/2 - 1 Mile SE |
| AC146 | ILSG40000334047 | 1/2 - 1 Mile East |
| 147 | ILPW49939 | 1/2 - 1 Mile SSW |
| 148 | ILSG40000358184 | 1/2 - 1 Mile NW |
| 149 | ILSG40000345572 | 1/2 - 1 Mile NE |
| AE150 | ILSG40000353308 | 1/2 - 1 Mile NE |
| AB151 | ILSG40000345047 | 1/2 - 1 Mile SSE |
| AE152 | ILSG40000333692 | 1/2 - 1 Mile NE |
| AF153 | ILPW55984 | 1/2 - 1 Mile NE |
| AF154 | ILPW55985 | 1/2 - 1 Mile NE |
| AG155 | ILSG40000351214 | 1/2 - 1 Mile SSE |
| AG156 | ILSG40000351215 | 1/2 - 1 Mile SSE |
| 157 | ILSG40000354213 | 1/2 - 1 Mile ESE |
| 158 | ILSG40000334138 | 1/2 - 1 Mile SE |
| AF159 | ILPW56056 | 1/2 - 1 Mile NE |
| AF160 | ILPW55982 | 1/2 - 1 Mile NE |

# PHYSICAL SETTING SOURCE MAP - 7469530.2s




- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

| | |
|---|---|
| SITE NAME: Crest Hill - Oakland Ave | CLIENT: V3 Companies of IL, LTD |
| ADDRESS: 1811 Oakland Ave<br>Crest Hill IL 60403 | CONTACT: Jonathan D Shuptar |
| LAT/LONG: 41.556664 / 88.098326 | INQUIRY #: 7469530.2s<br>DATE: October 13, 2023 4:34 pm |

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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **1**<br>**East**<br>**0 - 1/8 Mile**<br>**Higher** | **IL WELLS** | **ILSG40000345598** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973423800 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19340101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Breitzke, Wm. |
| Elevation: | 650 | Elevation Reference: | Topographic map |
| Total Depth: | 133 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 18 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423800 | | |

---

| | | |
|---|---|---|
| **A2**<br>**West**<br>**1/8 - 1/4 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000345597** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973423700 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19410101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Kramer, J. A. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 190 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423700 | | |

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| | | |
|---|---|---|
| **A3**<br>**West**<br>**1/8 - 1/4 Mile**<br>**Lower** | **IL WELLS** | **ILPW56065** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56065 | 2nd ID: | Not Reported |
| Owner: | LIDICE REALESTETE DEVEL #2 | Driller: | FELTIS |
| Date drilled: | 08/00/1944 | Permit: | \| |
| Depth: | 1024 | Record type: | OGC |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | | |
|---|---|---|
| **A4**<br>**WSW**<br>**1/8 - 1/4 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000345600** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973424000 |
| IL SWSP #: | 0 | Status: | Water Well |

| | | | |
|---|---|---|---|
| Date Drilled: | 19420401050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Kramer, J. A. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 202 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 90 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973424000 | | |

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**A5**
**WSW**
**1/8 - 1/4 Mile**
**Lower**

**IL WELLS** **ILSG40000333684**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121970129400 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19440101060000 | Farm Name: | 2 |
| Well Name: | 2 | Driller: | Not Reported |
| Elevation: | 635 | Elevation Reference: | Topographic map |
| Total Depth: | 1060 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970129400 | | |

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**6**
**South**
**1/8 - 1/4 Mile**
**Higher**

**FRDS PWS** **IL0081984**

| | | | |
|---|---|---|---|
| Epa region: | 05 | State: | IL |
| Pwsid: | IL0081984 | Pwsname: | MARYKNOLL HALL C/O DENNIS FLAT |
| Cityserved: | Not Reported | Stateserved: | IL |
| Zipserved: | Not Reported | Fipscounty: | 17197 |
| Status: | Closed | Retpopsrvd: | 25 |
| Pwssvcconn: | 0 | Psource longname: | Groundwater |
| Pwstype: | TNCWS | Owner: | unknown |
| Contact: | MARYKNOLL HALL C/O DENNIS FLAT | | |
| Contactorgname: | Not Reported | Contactphone: | Not Reported |
| Contactaddress1: | Not Reported | Contactaddress2: | 1617 N WILCOX ST |
| Contactcity: | CRESTHILL | Contactstate: | IL |
| Contactzip: | 60435 | Pwsactivitycode: | I |
| | | | |
| PWS ID: | IL0081984 | PWS type: | Not Reported |
| PWS name: | Not Reported | PWS address: | Not Reported |
| PWS city: | Not Reported | PWS state: | Not Reported |
| PWS zip: | Not Reported | PWS ID: | IL0081984 |
| Activity status: | Active | Date system activated: | 7706 |
| Date system deactivated: | Not Reported | Retail population: | 00000025 |
| System name: | MARYKNOLL HALL C/O DENNIS FLAT | | |
| System address: | Not Reported | System address: | 1617 N WILCOX ST |
| System city: | CRESTHILL | System state: | IL |
| System zip: | 60435 | | |
| | | | |
| Population served: | Under 101 Persons | Treatment: | Untreated |
| | | | |
| Latitude: | 413316 | Longitude: | 0880554 |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **7**<br>**SW**<br>**1/8 - 1/4 Mile**<br>**Lower** | **IL WELLS** | **ILPW56064** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56064 | 2nd ID: | Not Reported |
| Owner: | LIDICE BLDG CORP #1 | Driller: | Not Reported |
| Date drilled: | 00/00/1944 | Permit: | \| |
| Depth: | 204 | Record type: | C |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **8**<br>**ENE**<br>**1/8 - 1/4 Mile**<br>**Lower** | **IL WELLS** | **ILPW56058** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56058 | 2nd ID: | Not Reported |
| Owner: | CHANEY SCHOOL | Driller: | KRAMER |
| Date drilled: | 00/00/1937 | Permit: | \| |
| Depth: | 952 | Record type: | CRGO |
| Well Use: | School | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **B9**<br>**North**<br>**1/8 - 1/4 Mile**<br>**Lower** | **IL WELLS** | **ILEPAC700002227** |

**WELLS EPA:**

| | | | |
|---|---|---|---|
| Well ID: | 20447 | Facility Name: | Not Reported |
| Facility #: | Not Reported | Well Status: | Not Reported |
| Well Type: | Not Reported | Primary Use Name: | Not Reported |
| Population Count: | Not Reported | Update Time Stamp: | Not Reported |
| IEPA Facility #: | 1970250 | Water Supply Name: | CREST HILL |
| Min Setback Zone (ft): | 400 | Well Depth: | 303 |
| Ambient Sampling Netwk Stat: | 1 | EPA Facility Status: | Active |
| SDWIS Well ID: | WL20447 | SDWIS Facility #: | IL1970250 |
| API #: | 121970130400 | | |

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| | Database | EDR ID Number |
|---|---|---|
| **B10**<br>**North**<br>**1/4 - 1/2 Mile**<br>**Lower** | **FED USGS** | **USGS40000298669** |

| | | | |
|---|---|---|---|
| Organization ID: | USGS-IL | Organization Name: | USGS Illinois Water Science Center |
| Monitor Location: | 36N10E-33.7e1 | Type: | Well |
| Description: | Not Reported | HUC: | 07120004 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | Silurian-Devonian aquifers | | |
| Formation Type: | Silurian System | Aquifer Type: | Unconfined single aquifer |

| | | | |
|---|---|---|---|
| Construction Date: | 196308 | Well Depth: | 303 |
| Well Depth Units: | ft | Well Hole Depth: | 303 |
| Well Hole Depth Units: | ft | | |

| | | | |
|---|---|---|---|
| Ground water levels,Number of Measurements: | 1 | Level reading date: | 1963-08 |
| Feet below surface: | 40 | Feet to sea level: | Not Reported |
| Note: | Not Reported | | |

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**11**
**South**
**1/4 - 1/2 Mile**
**Higher**

**IL WELLS** **ILEPANC70004069**

**WELLS EPA:**

| | | | |
|---|---|---|---|
| Well ID: | 19706007 | Facility Name: | MERICHKA'S |
| Facility #: | IL3150169 | Well Status: | Active |
| Well Type: | NonCommunity | Primary Use Name: | Not Reported |
| Population Count: | 0 | Update Time Stamp: | 18-JUL-16 |
| IEPA Facility #: | Not Reported | Water Supply Name: | Not Reported |
| Min Setback Zone (ft): | Not Reported | Well Depth: | Not Reported |
| Ambient Sampling Netwk Stat: | Not Reported | EPA Facility Status: | Not Reported |
| SDWIS Well ID: | Not Reported | SDWIS Facility #: | Not Reported |
| API #: | Not Reported | | |

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**12**
**ENE**
**1/4 - 1/2 Mile**
**Lower**

**IL WELLS** **ILSG40000345594**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973423400 |
| IL SWSP #: | 158072 | Status: | Water Well |
| Date Drilled: | 19370101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Kramer, J. A. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 952 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423400 | | |

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**13**
**SW**
**1/4 - 1/2 Mile**
**Higher**

**FED USGS** **USGS40000298651**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-IL | Organization Name: | USGS Illinois Water Science Center |
| Monitor Location: | 36N10E-32.1d1 | Type: | Well |
| Description: | Not Reported | HUC: | 07120004 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | Silurian-Devonian aquifers | | |
| Formation Type: | Silurian System | Aquifer Type: | Not Reported |
| Construction Date: | 197910 | Well Depth: | 296 |
| Well Depth Units: | ft | Well Hole Depth: | 296 |
| Well Hole Depth Units: | ft | | |

| | | | | | |
|---|---|---|---|---|---|
| Ground water levels,Number of Measurements: | | 1 | Level reading date: | | 1979-10 |
| Feet below surface: | 47 | | Feet to sea level: | | Not Reported |
| Note: | Not Reported | | | | |

---

**C14**
**WNW**
**1/4 - 1/2 Mile**
**Lower**

**IL WELLS** **ILSG40000344163**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973248300 |
| IL SWSP #: | 409395 | Status: | Water Well |
| Date Drilled: | 19791002050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Hakala, Richard L. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 296 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 40 | Bottom of Formation (ft): | 296 |
| Pump Flow (gpm): | 440 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973248300 | | |

---

**C15**
**WNW**
**1/4 - 1/2 Mile**
**Lower**

**IL WELLS** **ILEPAC700002229**

**WELLS EPA:**

| | | | |
|---|---|---|---|
| Well ID: | 20451 | Facility Name: | Not Reported |
| Facility #: | Not Reported | Well Status: | Not Reported |
| Well Type: | Not Reported | Primary Use Name: | Not Reported |
| Population Count: | Not Reported | Update Time Stamp: | Not Reported |
| IEPA Facility #: | 1970250 | Water Supply Name: | CREST HILL |
| Min Setback Zone (ft): | 400 | Well Depth: | 296 |
| Ambient Sampling Netwk Stat: | 0 | EPA Facility Status: | Active |
| SDWIS Well ID: | WL20451 | SDWIS Facility #: | IL1970250 |
| API #: | 121973248300 | | |

---

**D16**
**SW**
**1/4 - 1/2 Mile**
**Higher**

**FED USGS** **USGS40000298646**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-IL | Organization Name: | USGS Illinois Water Science Center |
| Monitor Location: | 36N10E-32.1a | Type: | Well |
| Description: | Not Reported | HUC: | 07120004 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | Not Reported | Formation Type: | Not Reported |
| Aquifer Type: | Not Reported | Construction Date: | 194509 |
| Well Depth: | 1652 | Well Depth Units: | ft |
| Well Hole Depth: | 1652 | Well Hole Depth Units: | ft |

| | | | | | |
|---|---|---|---|---|---|
| Ground water levels,Number of Measurements: | | 1 | Level reading date: | | 1945-10-20 |
| Feet below surface: | 440.00 | | Feet to sea level: | | Not Reported |
| Note: | Not Reported | | | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **17**<br>**SE**<br>**1/4 - 1/2 Mile**<br>**Higher** | **IL WELLS** | **ILSG40000345601** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973424100 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19420101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 90 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 90 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973424100 | | |

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| | | |
|---|---|---|
| **D18**<br>**SW**<br>**1/4 - 1/2 Mile**<br>**Higher** | **IL WELLS** | **ILSG40000333683** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121970129300 |
| IL SWSP #: | 409394 | Status: | Water Well |
| Date Drilled: | 19450901050000 | Farm Name: | 3 |
| Well Name: | 3 | Driller: | Miller, J. P. Art Well Co |
| Elevation: | 656 | Elevation Reference: | Ground level |
| Total Depth: | 1652 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970129300 | | |

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| | | |
|---|---|---|
| **E19**<br>**NE**<br>**1/4 - 1/2 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000344167** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973248700 |
| IL SWSP #: | 158390 | Status: | Water Well |
| Date Drilled: | 19830514050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dreher, Theodore Albert |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 122 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 122 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 50 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973248700 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **20**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000351282** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973990300 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | Not Reported | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 0 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973990300 | | |

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| | Database | EDR ID Number |
|---|---|---|
| **F21**<br>**SSE**<br>**1/4 - 1/2 Mile**<br>**Higher** | **IL WELLS** | **ILEPANC70000226** |

**WELLS EPA:**

| | | | |
|---|---|---|---|
| Well ID: | 19704436 | Facility Name: | GREEN GOOCH |
| Facility #: | IL3130062 | Well Status: | Not Reported |
| Well Type: | NonPublic | Primary Use Name: | Not Reported |
| Population Count: | 0 | Update Time Stamp: | Not Reported |
| IEPA Facility #: | Not Reported | Water Supply Name: | Not Reported |
| Min Setback Zone (ft): | Not Reported | Well Depth: | Not Reported |
| Ambient Sampling Netwk Stat: | Not Reported | EPA Facility Status: | Not Reported |
| SDWIS Well ID: | Not Reported | SDWIS Facility #: | Not Reported |
| API #: | Not Reported | | |

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| | Database | EDR ID Number |
|---|---|---|
| **E22**<br>**NNE**<br>**1/4 - 1/2 Mile**<br>**Lower** | **IL WELLS** | **ILPW56059** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56059 | 2nd ID: | 30326 |
| Owner: | RAILWAY & IND SERV #1 | Driller: | FYKES |
| Date drilled: | 02/18/1988 | Permit: | 000171 |
| Depth: | 205 | Record type: | RG |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | Bedrock | | |

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| | Database | EDR ID Number |
|---|---|---|
| **F23**<br>**SSE**<br>**1/4 - 1/2 Mile**<br>**Higher** | **IL WELLS** | **ILSG40000345052** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973369000 |
| IL SWSP #: | 160820 | Status: | Water Well |

| | | | |
|---|---|---|---|
| Date Drilled: | 19430101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dreher & Schorie |
| Elevation: | 650 | Elevation Reference: | Topographic map |
| Total Depth: | 118 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 118 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 5 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369000 | | |

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**G24**
**NNE**
**1/4 - 1/2 Mile**
**Lower**

**IL WELLS** **ILSG40000342173**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973032600 |
| IL SWSP #: | 218087 | Status: | Water Well |
| Date Drilled: | 19880218060000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | Fykes, Charles N. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 205 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 4 | Bottom of Formation (ft): | 205 |
| Pump Flow (gpm): | 12 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973032600 | | |

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**G25**
**NNE**
**1/4 - 1/2 Mile**
**Lower**

**IL WELLS** **ILSG40000345602**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973424200 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19400101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 90 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 4 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973424200 | | |

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**26**
**SW**
**1/4 - 1/2 Mile**
**Higher**

**IL WELLS** **ILPW56040**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56040 | 2nd ID: | Not Reported |
| Owner: | WARREN CONST | Driller: | MILLER |
| Date drilled: | 09/00/1945 | Permit: | \| |
| Depth: | 1652 | Record type: | RGC |
| Well Use: | Commerical | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **27**<br>**SSW**<br>**1/4 - 1/2 Mile**<br>**Higher** | **IL WELLS** | **ILPW49916** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49916 | 2nd ID: | Not Reported |
| Owner: | MT MORLAND CEMETARY | Driller: | LOCKPORT |
| Date drilled: | 11/02/1972 | Permit: | 020810 |
| Depth: | 165 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **H28**<br>**NE**<br>**1/4 - 1/2 Mile**<br>**Lower** | **IL WELLS** | **ILPW56049** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56049 | 2nd ID: | Not Reported |
| Owner: | LEN KUBINSKI/DIAMOND CONST | Driller: | FYKES |
| Date drilled: | 02/07/1990 | Permit: | Not Reported |
| Depth: | 140 | Record type: | A |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | -- | | |

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| | Database | EDR ID Number |
|---|---|---|
| **H29**<br>**NE**<br>**1/4 - 1/2 Mile**<br>**Lower** | **IL WELLS** | **ILPW56052** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56052 | 2nd ID: | Not Reported |
| Owner: | 2420 CENTER ST JOLIET | Driller: | DITTMYER |
| Date drilled: | 00/00/0000 | Permit: | Not Reported |
| Depth: | 111 | Record type: | O |
| Well Use: | -- | Well Type: | -- |
| Aquifer type: | -- | | |

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| | Database | EDR ID Number |
|---|---|---|
| **H30**<br>**NE**<br>**1/4 - 1/2 Mile**<br>**Lower** | **IL WELLS** | **ILPW56051** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56051 | 2nd ID: | Not Reported |
| Owner: | Not Reported | Driller: | DITTMYER |
| Date drilled: | 00/00/0000 | Permit: | Not Reported |
| Depth: | 105 | Record type: | O |
| Well Use: | -- | Well Type: | -- |
| Aquifer type: | -- | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **H31**<br>**NE**<br>**1/4 - 1/2 Mile**<br>**Lower** | **IL WELLS** | **ILPW56048** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56048 | 2nd ID: | Not Reported |
| Owner: | WARREN CONST | Driller: | FETIS |
| Date drilled: | 11/24/1943 | Permit: | \| |
| Depth: | 50 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **H32**<br>**NE**<br>**1/4 - 1/2 Mile**<br>**Lower** | **IL WELLS** | **ILPW56045** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56045 | 2nd ID: | Not Reported |
| Owner: | REFRACTORIES | Driller: | Not Reported |
| Date drilled: | 00/00/1916 | Permit: | \| |
| Depth: | 161 | Record type: | O |
| Well Use: | Commerical | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **H33**<br>**NE**<br>**1/4 - 1/2 Mile**<br>**Lower** | **IL WELLS** | **ILPW56047** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56047 | 2nd ID: | Not Reported |
| Owner: | WARREN CONST | Driller: | KRAMER |
| Date drilled: | 00/00/1942 | Permit: | \| |
| Depth: | 204 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **H34**<br>**NE**<br>**1/4 - 1/2 Mile**<br>**Lower** | **IL WELLS** | **ILPW56050** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56050 | 2nd ID: | Not Reported |
| Owner: | 2326 N BROADWAY JOLIET | Driller: | DITTMYER |
| Date drilled: | 00/00/0000 | Permit: | Not Reported |
| Depth: | 101 | Record type: | O |
| Well Use: | – | Well Type: | – |
| Aquifer type: | – | | |

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **H35**<br>**NE**<br>**1/4 - 1/2 Mile**<br>**Lower** | | **IL WELLS** | **ILPW56046** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56046 | 2nd ID: | Not Reported |
| Owner: | NAHAS | Driller: | SHROBA |
| Date drilled: | 04/05/1929 | Permit: | \| |
| Depth: | 212 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | | | |
|---|---|---|---|
| **H36**<br>**NE**<br>**1/4 - 1/2 Mile**<br>**Lower** | | **IL WELLS** | **ILPW56053** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56053 | 2nd ID: | Not Reported |
| Owner: | 2315 CENTER ST JOLIET | Driller: | DITTMYER |
| Date drilled: | 00/00/0000 | Permit: | Not Reported |
| Depth: | 90 | Record type: | O |
| Well Use: | -- | Well Type: | -- |
| Aquifer type: | -- | | |

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| | | | |
|---|---|---|---|
| **H37**<br>**NE**<br>**1/4 - 1/2 Mile**<br>**Lower** | | **IL WELLS** | **ILPW56054** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56054 | 2nd ID: | Not Reported |
| Owner: | 2517 BROADWAY JOLIET | Driller: | DITTMYER |
| Date drilled: | 00/00/0000 | Permit: | Not Reported |
| Depth: | 109 | Record type: | O |
| Well Use: | -- | Well Type: | -- |
| Aquifer type: | -- | | |

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| | | | |
|---|---|---|---|
| **38**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Lower** | | **IL WELLS** | **ILSG40000345596** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973423600 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19440101060000 | Farm Name: | 21 |
| Well Name: | 21 | Driller: | Dreher & Schorie |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 183 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 183 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 10 | | |

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423600

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**39**
**SSW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000345058**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973369600 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19340101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 655 | Elevation Reference: | Not Reported |
| Total Depth: | 436 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369600 | | |

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**40**
**East**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000349509**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973813000 |
| IL SWSP #: | 306516 | Status: | Water Well |
| Date Drilled: | 19981020050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Walters, Larry |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 160 | Lithologic Formation: | rock |
| Top of Formation (ft): | 42 | Bottom of Formation (ft): | 160 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973813000 | | |

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**I41**
**East**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000352913**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974153300 |
| IL SWSP #: | 370262 | Status: | Water Well |
| Date Drilled: | 20041219060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Bisping, Calvin |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 180 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 140 | Bottom of Formation (ft): | 180 |
| Pump Flow (gpm): | 12 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974153300 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | Database | EDR ID Number |
|---|---|---|
| **42**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILSG40000344714** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973306500 |
| IL SWSP #: | 160819 | Status: | Water Well |
| Date Drilled: | 19430101060000 | Farm Name: | 7 |
| Well Name: | 7 | Driller: | Dreher & Schorie |
| Elevation: | 645 | Elevation Reference: | Topographic map |
| Total Depth: | 100 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 100 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 5 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973306500 | | |

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| | | |
|---|---|---|
| **I43**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILEPANC70000351** |

**WELLS EPA:**

| | | | |
|---|---|---|---|
| Well ID: | 19704758 | Facility Name: | LOS PINOS RESTAURANT |
| Facility #: | IL3136200 | Well Status: | Inactive |
| Well Type: | NonPublic | Primary Use Name: | RESTAURANT |
| Population Count: | 0 | Update Time Stamp: | 02-OCT-06 |
| IEPA Facility #: | Not Reported | Water Supply Name: | Not Reported |
| Min Setback Zone (ft): | Not Reported | Well Depth: | Not Reported |
| Ambient Sampling Netwk Stat: | Not Reported | EPA Facility Status: | Not Reported |
| SDWIS Well ID: | Not Reported | SDWIS Facility #: | Not Reported |
| API #: | Not Reported | | |

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| | | |
|---|---|---|
| **I44**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000349793** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973841300 |
| IL SWSP #: | 310684 | Status: | Water Well |
| Date Drilled: | 19981030050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dick's Well & Pump |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 165 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 40 | Bottom of Formation (ft): | 165 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973841300 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **45**<br>**WSW**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILSG40000345060** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973369800 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19290101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 650 | Elevation Reference: | Topographic map |
| Total Depth: | 89 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369800 | | |

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| | | |
|---|---|---|
| **I46**<br>**East**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000352995** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974161400 |
| IL SWSP #: | 372620 | Status: | Water Well |
| Date Drilled: | 20050527050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Fykes, Charles N. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 200 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 60 | Bottom of Formation (ft): | 200 |
| Pump Flow (gpm): | 25 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974161400 | | |

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| | | |
|---|---|---|
| **J47**<br>**ENE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000358188** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974685400 |
| IL SWSP #: | 496694 | Status: | Water Well |
| Date Drilled: | 20180731050000 | Farm Name: | 4 |
| Well Name: | 4 | Driller: | Strange, Robert E. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 400 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 100 | Bottom of Formation (ft): | 400 |
| Pump Flow (gpm): | 65 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974685400 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **48**<br>**North**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW56063** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56063 | 2nd ID: | Not Reported |
| Owner: | RAGUSA D LOT 58 | Driller: | DREHER |
| Date drilled: | 05/14/1983 | Permit: | 106930 |
| Depth: | 122 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**J49**
**ENE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000345593**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973423300 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19420101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dittmeyer, Peter W. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 124 | Lithologic Formation: | gray lime |
| Top of Formation (ft): | 90 | Bottom of Formation (ft): | 124 |
| Pump Flow (gpm): | 5 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423300 | | |

---

**K50**
**South**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000335299**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121970295700 |
| IL SWSP #: | 153788 | Status: | Water Well |
| Date Drilled: | 19721102050000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | Fykes, Charles N. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 165 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 32 | Bottom of Formation (ft): | 165 |
| Pump Flow (gpm): | 10 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970295700 | | |

---

**L51**
**NE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000335047**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121970270500 |
| IL SWSP #: | 158388 | Status: | Water Well |

| | | | |
|---|---|---|---|
| Date Drilled: | 19720604050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Knierim, Phil |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 225 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 15 | Bottom of Formation (ft): | 225 |
| Pump Flow (gpm): | 20 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970270500 | | |

---

**L52**
**NE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000345599**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973423900 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19390101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 165 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423900 | | |

---

**M53**
**ESE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW49914**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49914 | 2nd ID: | Not Reported |
| Owner: | PHOENIX MGF CO | Driller: | GEIGER |
| Date drilled: | 03/27/1941 | Permit: | \| |
| Depth: | 1000 | Record type: | RGC |
| Well Use: | IN | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**54**
**ENE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000349466**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973808700 |
| IL SWSP #: | 304715 | Status: | Water Well |
| Date Drilled: | 19980716050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Matherly, Hubert |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 305 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 210 | Bottom of Formation (ft): | 305 |
| Pump Flow (gpm): | 40 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973808700 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **M55**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000354928** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974354500 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19810610050000 | Farm Name: | 3 |
| Well Name: | 3 | Driller: | IL Department of Transportation |
| Elevation: | 592 | Elevation Reference: | Ground level |
| Total Depth: | 17 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974354500 | | |

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| | | |
|---|---|---|
| **M56**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000338000** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121972566600 |
| IL SWSP #: | 153787 | Status: | Water Well |
| Date Drilled: | 19760821050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Knierim, Paul L. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 100 | Lithologic Formation: | rock |
| Top of Formation (ft): | 25 | Bottom of Formation (ft): | 100 |
| Pump Flow (gpm): | 10 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972566600 | | |

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| | | |
|---|---|---|
| **K57**<br>**South**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILSG40000345041** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973367900 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19410101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 655 | Elevation Reference: | Topographic map |
| Total Depth: | 103 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973367900 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **M58**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000354927** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974354400 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19810609050000 | Farm Name: | 2 |
| Well Name: | 2 | Driller: | IL Department of Transportation |
| Elevation: | 592 | Elevation Reference: | Ground level |
| Total Depth: | 16 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974354400 | | |

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| | | |
|---|---|---|
| **M59**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000354926** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974354300 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19810609050000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | IL Department of Transportation |
| Elevation: | 592 | Elevation Reference: | Ground level |
| Total Depth: | 15 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974354300 | | |

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| | | |
|---|---|---|
| **N60**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILSG40000345046** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973368400 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19370101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 132 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368400 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **61**<br>**South**<br>**1/2 - 1 Mile**<br>**Higher** | | **IL WELLS** | **ILSG40000345036** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973367400 |
| IL SWSP #: | 153780 | Status: | Water Well |
| Date Drilled: | 19380101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dittmeyer, Peter W. |
| Elevation: | 655 | Elevation Reference: | Not Reported |
| Total Depth: | 151 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973367400 | | |

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| | | | |
|---|---|---|---|
| **62**<br>**SSW**<br>**1/2 - 1 Mile**<br>**Higher** | | **IL WELLS** | **ILSG40000345053** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973369100 |
| IL SWSP #: | 153789 | Status: | Water Well |
| Date Drilled: | 19410101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dittmeyer, Peter W. |
| Elevation: | 655 | Elevation Reference: | Not Reported |
| Total Depth: | 100 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369100 | | |

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| | | | |
|---|---|---|---|
| **O63**<br>**NNE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILSG40000344164** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973248400 |
| IL SWSP #: | 158389 | Status: | Water Well |
| Date Drilled: | 19831005050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Rob, Ronald Gene |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 205 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 10 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973248400 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **L64**<br>**NE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000356285** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974490200 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19830303060000 | Farm Name: | 2 |
| Well Name: | 2 | Driller: | IL Department of Transportation |
| Elevation: | 572 | Elevation Reference: | Ground level |
| Total Depth: | 5 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974490200 | | |

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| | | |
|---|---|---|
| **M65**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000358517** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974718500 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 20210628050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Will County Well & Pump |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 160 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 65 | Bottom of Formation (ft): | 160 |
| Pump Flow (gpm): | 20 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974718500 | | |

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| | | |
|---|---|---|
| **O66**<br>**NNE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000333685** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121970129500 |
| IL SWSP #: | 158073 | Status: | Water Well |
| Date Drilled: | 19320101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Miller, J. P. Art Well Co |
| Elevation: | 596 | Elevation Reference: | Ground level |
| Total Depth: | 1558 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970129500 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **L67**<br>**NE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILSG40000356284** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974490100 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19830303060000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | IL Department of Transportation |
| Elevation: | 572 | Elevation Reference: | Ground level |
| Total Depth: | 1 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974490100 | | |

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| | | | |
|---|---|---|---|
| **P68**<br>**SE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILPW49913** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49913 | 2nd ID: | Not Reported |
| Owner: | JOLIET TERMINALS(IND) | Driller: | CATER |
| Date drilled: | 00/00/1926 | Permit: | \| |
| Depth: | 1596 | Record type: | RGC |
| Well Use: | IN | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | | | |
|---|---|---|---|
| **Q69**<br>**NE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILSG40000356286** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974490300 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19830303060000 | Farm Name: | 3 |
| Well Name: | 3 | Driller: | IL Department of Transportation |
| Elevation: | 573 | Elevation Reference: | Ground level |
| Total Depth: | 5 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974490300 | | |

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| | | | |
|---|---|---|---|
| **70**<br>**SE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILPW49915** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49915 | 2nd ID: | Not Reported |
| Owner: | OSTOYIC N | Driller: | KNIERIM |
| Date drilled: | 08/21/1976 | Permit: | \|051041 |

| | | | |
|---|---|---|---|
| Depth: | 100 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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**71**
**SSE**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000345045**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973368300 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19410101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 655 | Elevation Reference: | Topographic map |
| Total Depth: | 128 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368300 | | |

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**R72**
**NNE**
**1/2 - 1 Mile**
**Lower**

**FED USGS** **USGS40000298678**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-IL | Organization Name: | USGS Illinois Water Science Center |
| Monitor Location: | 36N10E-33.6h | Type: | Well |
| Description: | Not Reported | HUC: | 07120004 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | Not Reported | Formation Type: | Not Reported |
| Aquifer Type: | Not Reported | Construction Date: | 1932 |
| Well Depth: | 1558 | Well Depth Units: | ft |
| Well Hole Depth: | 1558 | Well Hole Depth Units: | ft |

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**N73**
**SSE**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000345042**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973368000 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19410101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 650 | Elevation Reference: | Topographic map |
| Total Depth: | 105 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368000 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **Q74**<br>**NE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000351151** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973977300 |
| IL SWSP #: | 335147 | Status: | Water Well |
| Date Drilled: | 20010504050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Matherly, Hubert |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 285 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 55 | Bottom of Formation (ft): | 285 |
| Pump Flow (gpm): | 50 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973977300 | | |

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| | | |
|---|---|---|
| **Q75**<br>**NE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000356287** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974490400 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19830303060000 | Farm Name: | 4 |
| Well Name: | 4 | Driller: | IL Department of Transportation |
| Elevation: | 574 | Elevation Reference: | Ground level |
| Total Depth: | 6 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974490400 | | |

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| | | |
|---|---|---|
| **R76**<br>**North**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW56061** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56061 | 2nd ID: | Not Reported |
| Owner: | PUPLIC SERV NORTH ILL | Driller: | MILLER |
| Date drilled: | 00/00/1932 | Permit: | \| |
| Depth: | 1558 | Record type: | RGIC |
| Well Use: | IN | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

| | | |
|---|---|---|
| **R77**<br>**North**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW56062** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56062 | 2nd ID: | Not Reported |
| Owner: | COMMONWEALTH EDISON | Driller: | MILLER |
| Date drilled: | 00/00/1932 | Permit: | \| |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|---|---|---|---|
| Depth: | 1558 | Record type: | AC |
| Well Use: | IN | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**P78**
**SE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000345040**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973367800 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19380101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 590 | Elevation Reference: | Not Reported |
| Total Depth: | 168 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973367800 | | |

---

**79**
**South**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000345038**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973367600 |
| IL SWSP #: | 153783 | Status: | Water Well |
| Date Drilled: | 19420101060000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | Dreher & Schorle |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 152 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 152 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 10 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973367600 | | |

---

**S80**
**South**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000345043**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973368100 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19400101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 660 | Elevation Reference: | Topographic map |
| Total Depth: | 111 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368100 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **T81**<br>**NNW**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000352233** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974085200 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | Not Reported | Farm Name: | 10 |
| Well Name: | 10 | Driller: | Layne-Western Co. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 325 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 521 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974085200 | | |

---

| | Database | EDR ID Number |
|---|---|---|
| **O82**<br>**NNE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW56060** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56060 | 2nd ID: | Not Reported |
| Owner: | ARRO LABS | Driller: | WILL DUPAGE CO |
| Date drilled: | 10/05/1983 | Permit: | \|109597 |
| Depth: | 205 | Record type: | RG |
| Well Use: | IN | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

| | Database | EDR ID Number |
|---|---|---|
| **Q83**<br>**NE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW56057** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56057 | 2nd ID: | Not Reported |
| Owner: | SMITH F | Driller: | KNIERIM |
| Date drilled: | 06/04/1972 | Permit: | \|017926 |
| Depth: | 225 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

| | Database | EDR ID Number |
|---|---|---|
| **T84**<br>**NNW**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILEPAC700004198** |

**WELLS EPA:**

| | | | |
|---|---|---|---|
| Well ID: | 01360 | Facility Name: | Not Reported |
| Facility #: | Not Reported | Well Status: | Not Reported |
| Well Type: | Not Reported | Primary Use Name: | Not Reported |
| Population Count: | Not Reported | Update Time Stamp: | Not Reported |
| IEPA Facility #: | 1970250 | Water Supply Name: | CREST HILL |

| | | | |
|---|---|---|---|
| Min Setback Zone (ft): | 200 | Well Depth: | 329 |
| Ambient Sampling Netwk Stat: | 0 | EPA Facility Status: | Active |
| SDWIS Well ID: | WL01360 | SDWIS Facility #: | IL1970250 |
| API #: | 121973248300 | | |

---

**85**
**WNW**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW56039**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56039 | 2nd ID: | Not Reported |
| Owner: | LM REALITY | Driller: | LOCKPORT |
| Date drilled: | 10/07/1967 | Permit: | 003627 |
| Depth: | 135 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**Q86**
**NE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000356288**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974490500 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19830303060000 | Farm Name: | 5 |
| Well Name: | 5 | Driller: | IL Department of Transportation |
| Elevation: | 577 | Elevation Reference: | Ground level |
| Total Depth: | 6 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974490500 | | |

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**S87**
**South**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000345035**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973367300 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19420101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 100 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973367300 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **S88**<br>**South**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILSG40000345049** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973368700 |
| IL SWSP #: | 153781 | Status: | Water Well |
| Date Drilled: | 19400101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dittmeyer, Peter W. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 128 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 5 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368700 | | |

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| | Database | EDR ID Number |
|---|---|---|
| **U89**<br>**NE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000356289** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974490600 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19830303060000 | Farm Name: | 6 |
| Well Name: | 6 | Driller: | IL Department of Transportation |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 5 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974490600 | | |

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| | Database | EDR ID Number |
|---|---|---|
| **90**<br>**NNE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000344165** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973248500 |
| IL SWSP #: | 220637 | Status: | Water Well |
| Date Drilled: | 19800307060000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | Fykes, Charles N. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 185 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 103 | Bottom of Formation (ft): | 185 |
| Pump Flow (gpm): | 12 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973248500 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **U91**<br>**NE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILSG40000356290** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974490700 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19830303060000 | Farm Name: | 7 |
| Well Name: | 7 | Driller: | IL Department of Transportation |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 4 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974490700 | | |

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| | | | |
|---|---|---|---|
| **V92**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | | **IL WELLS** | **ILPW49908** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49908 | 2nd ID: | Not Reported |
| Owner: | AMOCO OIL MW-2 | Driller: | ENVIRONMENTAL CONST |
| Date drilled: | 05/10/1993 | Permit: | Not Reported |
| Depth: | 15 | Record type: | RG |
| Well Use: | Monitoring | Well Type: | -- |
| Aquifer type: | Bedrock | | |

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| | | | |
|---|---|---|---|
| **V93**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | | **IL WELLS** | **ILPW49898** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49898 | 2nd ID: | Not Reported |
| Owner: | CITY BD OF EDUCATION | Driller: | Not Reported |
| Date drilled: | 00/00/1942 | Permit: | \| |
| Depth: | 190 | Record type: | O |
| Well Use: | School | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | | | |
|---|---|---|---|
| **V94**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | | **IL WELLS** | **ILPW49897** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49897 | 2nd ID: | Not Reported |
| Owner: | HILLELEA J | Driller: | SIMPSON |
| Date drilled: | 00/00/1936 | Permit: | \| |
| Depth: | 85 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **V95**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49907** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49907 | 2nd ID: | Not Reported |
| Owner: | AMOCO OIL MW-1 | Driller: | ENVIRONMENTAL CONST |
| Date drilled: | 04/27/1993 | Permit: | Not Reported |
| Depth: | 15 | Record type: | RG |
| Well Use: | Monitoring | Well Type: | -- |
| Aquifer type: | Bedrock | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V96**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49904** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49904 | 2nd ID: | Not Reported |
| Owner: | SMULLICH S | Driller: | DREHER |
| Date drilled: | 00/00/1943 | Permit: | \| |
| Depth: | 100 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V97**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49903** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49903 | 2nd ID: | Not Reported |
| Owner: | GCOVENIK J | Driller: | DREHER |
| Date drilled: | 00/00/1943 | Permit: | \| |
| Depth: | 120 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V98**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49906** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49906 | 2nd ID: | Not Reported |
| Owner: | ZORAN E | Driller: | DREHER |
| Date drilled: | 00/00/1944 | Permit: | \| |
| Depth: | 108 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **V99**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49895** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49895 | 2nd ID: | Not Reported |
| Owner: | KACHEL V | Driller: | HEFFIN |
| Date drilled: | 00/00/1911 | Permit: | \| |
| Depth: | 140 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V100**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49901** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49901 | 2nd ID: | Not Reported |
| Owner: | PHOENIX MGF CO | Driller: | DITTMEYER |
| Date drilled: | 00/00/1930 | Permit: | \| |
| Depth: | 330 | Record type: | CRG |
| Well Use: | IN | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V101**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49911** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49911 | 2nd ID: | Not Reported |
| Owner: | AMOCO OIL MW-4 | Driller: | ENVIRONMENTAL CONST |
| Date drilled: | 05/16/1993 | Permit: | Not Reported |
| Depth: | 15 | Record type: | RG |
| Well Use: | Monitoring | Well Type: | -- |
| Aquifer type: | Bedrock | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V102**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49892** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49892 | 2nd ID: | Not Reported |
| Owner: | MURCZYK W | Driller: | DITTMEYER |
| Date drilled: | 00/00/1941 | Permit: | \| |
| Depth: | 129 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **V103**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49899** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49899 | 2nd ID: | Not Reported |
| Owner: | JOLIET INDUSTRIES | Driller: | Not Reported |
| Date drilled: | 00/00/1942 | Permit: | \| |
| Depth: | 819 | Record type: | RG |
| Well Use: | IN | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V104**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49894** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49894 | 2nd ID: | Not Reported |
| Owner: | SMIGAJ A | Driller: | DITTMEYER |
| Date drilled: | 00/00/1940 | Permit: | \| |
| Depth: | 128 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V105**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49896** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49896 | 2nd ID: | Not Reported |
| Owner: | KAYFISH | Driller: | DREHER |
| Date drilled: | 00/00/1942 | Permit: | \| |
| Depth: | 152 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V106**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49900** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49900 | 2nd ID: | Not Reported |
| Owner: | JOLIET INDUSTRIES | Driller: | MILLER |
| Date drilled: | 00/00/1945 | Permit: | \| |
| Depth: | 1559 | Record type: | RG |
| Well Use: | IN | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **V107**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49905** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49905 | 2nd ID: | Not Reported |
| Owner: | ZLOGAR A | Driller: | DREHER |
| Date drilled: | 00/00/1943 | Permit: | \| |
| Depth: | 118 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V108**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49888** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49888 | 2nd ID: | Not Reported |
| Owner: | WESTERN UNITED | Driller: | Not Reported |
| Date drilled: | 00/00/1942 | Permit: | \| |
| Depth: | Not Reported | Record type: | O |
| Well Use: | Commerical | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V109**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49890** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49890 | 2nd ID: | Not Reported |
| Owner: | WEST SIDE DAIRY | Driller: | BURKE |
| Date drilled: | 00/00/1911 | Permit: | \| |
| Depth: | 70 | Record type: | OG |
| Well Use: | Commerical | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V110**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49893** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49893 | 2nd ID: | Not Reported |
| Owner: | HERTZ | Driller: | DITTMEYER |
| Date drilled: | 00/00/1938 | Permit: | \| |
| Depth: | 151 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **V111**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49889** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49889 | 2nd ID: | Not Reported |
| Owner: | STANDARD OIL CO | Driller: | Not Reported |
| Date drilled: | 00/00/1933 | Permit: | \| |
| Depth: | Not Reported | Record type: | OG |
| Well Use: | Commerical | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **V112**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49909** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49909 | 2nd ID: | Not Reported |
| Owner: | AMOCO OIL MW-3 | Driller: | ENVIRONMENTAL CONST |
| Date drilled: | 05/10/1993 | Permit: | Not Reported |
| Depth: | 15 | Record type: | RG |
| Well Use: | Monitoring | Well Type: | -- |
| Aquifer type: | Bedrock | | |

---

| | Database | EDR ID Number |
|---|---|---|
| **V113**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49902** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49902 | 2nd ID: | Not Reported |
| Owner: | GCOVENIK J | Driller: | DREHER |
| Date drilled: | 00/00/1943 | Permit: | \| |
| Depth: | 120 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

| | Database | EDR ID Number |
|---|---|---|
| **V114**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49891** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49891 | 2nd ID: | Not Reported |
| Owner: | METZGER R | Driller: | BURKE |
| Date drilled: | 00/00/1923 | Permit: | \| |
| Depth: | 151 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **V115**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49910** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49910 | 2nd ID: | Not Reported |
| Owner: | AMOCO OIL MW-1 | Driller: | ENVIRONMENTAL CONST |
| Date drilled: | 04/27/1993 | Permit: | Not Reported |
| Depth: | 15 | Record type: | RG |
| Well Use: | Monitoring | Well Type: | -- |
| Aquifer type: | Bedrock | | |

---

| | | | |
|---|---|---|---|
| **W116**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILSG40000333532** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121970063700 |
| IL SWSP #: | 154828 | Status: | Water Well |
| Date Drilled: | 19410301060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Geiger, S. B. |
| Elevation: | 552 | Elevation Reference: | Not Reported |
| Total Depth: | 1000 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970063700 | | |

---

| | | | |
|---|---|---|---|
| **W117**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILSG40000347647** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973628300 |
| IL SWSP #: | 239408 | Status: | Water Well Monitoring Well |
| Date Drilled: | 19930510050000 | Farm Name: | MW-2 |
| Well Name: | MW-2 | Driller: | Environmental Constr. Co. |
| Elevation: | 610 | Elevation Reference: | Ground level |
| Total Depth: | 15 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 2 | Bottom of Formation (ft): | 15 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973628300 | | |

---

| | | | |
|---|---|---|---|
| **W118**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILSG40000347645** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973628100 |
| IL SWSP #: | 239407 | Status: | Water Well Monitoring Well |

| | | | |
|---|---|---|---|
| Date Drilled: | 19930427050000 | Farm Name: | MW-1 |
| Well Name: | MW-1 | Driller: | Environmental Constr. Co. |
| Elevation: | 610 | Elevation Reference: | Ground level |
| Total Depth: | 15 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 3 | Bottom of Formation (ft): | 15 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973628100 | | |

---

**W119**
**ESE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000347646**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973628200 |
| IL SWSP #: | 239410 | Status: | Water Well Monitoring Well |
| Date Drilled: | 19930427050000 | Farm Name: | MW-1 |
| Well Name: | MW-1 | Driller: | Environmental Constr. Co. |
| Elevation: | 610 | Elevation Reference: | Ground level |
| Total Depth: | 15 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 6 | Bottom of Formation (ft): | 13 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973628200 | | |

---

**W120**
**ESE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000347648**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973628400 |
| IL SWSP #: | 239409 | Status: | Water Well Monitoring Well |
| Date Drilled: | 19930510050000 | Farm Name: | MW-3 |
| Well Name: | MW-3 | Driller: | Environmental Constr. Co. |
| Elevation: | 610 | Elevation Reference: | Ground level |
| Total Depth: | 15 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 3 | Bottom of Formation (ft): | 15 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973628400 | | |

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**W121**
**ESE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000347649**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973628500 |
| IL SWSP #: | 239411 | Status: | Water Well Monitoring Well |
| Date Drilled: | 19930510050000 | Farm Name: | MW-4 |
| Well Name: | MW-4 | Driller: | Environmental Constr. Co. |
| Elevation: | 610 | Elevation Reference: | Ground level |
| Total Depth: | 15 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 9 | Bottom of Formation (ft): | 15 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973628500 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **X122**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000344166** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973248600 |
| IL SWSP #: | 220636 | Status: | Water Well |
| Date Drilled: | 19771107060000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | Fykes, Charles N. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 780 | Lithologic Formation: | St. Peter sand |
| Top of Formation (ft): | 630 | Bottom of Formation (ft): | 780 |
| Pump Flow (gpm): | 10 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973248600 | | |

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| | Database | EDR ID Number |
|---|---|---|
| **Y123**<br>**NW**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW56041** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56041 | 2nd ID: | Not Reported |
| Owner: | BELASICH R | Driller: | LOCKPORT |
| Date drilled: | 05/03/1981 | Permit: | 099433 |
| Depth: | 165 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **Y124**<br>**NW**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW56042** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56042 | 2nd ID: | Not Reported |
| Owner: | ANTHONY J.CHRISTOFARO | Driller: | LOCKPORT |
| Date drilled: | 10/07/1992 | Permit: | 197-92-0167-N |
| Depth: | 245 | Record type: | RG |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | Bedrock | | |

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| | Database | EDR ID Number |
|---|---|---|
| **W125**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILEPANC70000352** |

**WELLS EPA:**

| | | | |
|---|---|---|---|
| Well ID: | 19701317 | Facility Name: | GERDAU AMERISTEEL CORPORATION |
| Facility #: | IL3039347 | Well Status: | Active |
| Well Type: | NonTransient NonCommunity | Primary Use Name: | INDUSTRIAL/AGRICULTURAL |
| Population Count: | 200 | Update Time Stamp: | 03-NOV-06 |
| IEPA Facility #: | Not Reported | Water Supply Name: | Not Reported |

| | | | |
|---|---|---|---|
| Min Setback Zone (ft): | Not Reported | Well Depth: | Not Reported |
| Ambient Sampling Netwk Stat: | Not Reported | EPA Facility Status: | Not Reported |
| SDWIS Well ID: | Not Reported | SDWIS Facility #: | Not Reported |
| API #: | Not Reported | | |

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**Z126**
**SE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000345039**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973367700 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19400101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 115 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973367700 | | |

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**Y127**
**NW**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000346427**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973506800 |
| IL SWSP #: | 238424 | Status: | Water Well |
| Date Drilled: | 19921007050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Fykes, Charles N. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 245 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 65 | Bottom of Formation (ft): | 245 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973506800 | | |

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**AA128**
**WSW**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000356278**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974489500 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19950823050000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | IL Department of Transportation |
| Elevation: | 628 | Elevation Reference: | Ground level |
| Total Depth: | 39 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974489500 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **Z129**<br>**SE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000345044** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973368200 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19410101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 590 | Elevation Reference: | Not Reported |
| Total Depth: | 134 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368200 | | |

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| | | |
|---|---|---|
| **130**<br>**SSW**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILSG40000345059** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973369700 |
| IL SWSP #: | 153790 | Status: | Water Well |
| Date Drilled: | 19410101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dittmeyer, Peter W. |
| Elevation: | 653 | Elevation Reference: | Not Reported |
| Total Depth: | 150 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973369700 | | |

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| | | |
|---|---|---|
| **X131**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW56055** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56055 | 2nd ID: | Not Reported |
| Owner: | LOCKPORT TRUCKING #1 | Driller: | FYKES |
| Date drilled: | 11/07/1977 | Permit: | 063982 |
| Depth: | 780 | Record type: | RG |
| Well Use: | Industrial/Commercial | Well Type: | -- |
| Aquifer type: | Bedrock | | |

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| | | |
|---|---|---|
| **AA132**<br>**WSW**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000350995** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973961600 |
| IL SWSP #: | 0 | Status: | Engineering Test |

| | | | |
|---|---|---|---|
| Date Drilled: | Not Reported | Farm Name: | B-1 |
| Well Name: | B-1 | Driller: | Layne-Western |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 16 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973961600 | | |

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**AA133**
**WSW**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000350996**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973961700 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19680426050000 | Farm Name: | B-2 |
| Well Name: | B-2 | Driller: | Layne-Western Co. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 16 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973961700 | | |

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**134**
**SSE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000345033**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973367100 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | Not Reported | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dittmeyer, Peter W. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 229 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 400 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973367100 | | |

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**AA135**
**WSW**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000350998**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973961900 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19680426050000 | Farm Name: | B-4 |
| Well Name: | B-4 | Driller: | Layne-Western Co. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 16 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973961900 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| Database | EDR ID Number |
|---|---|
| IL WELLS | ILSG40000350997 |

**AA136**
**WSW**
**1/2 - 1 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973961800 |
| IL SWSP #: | 0 | Status: | Engineering Test |
| Date Drilled: | 19680426050000 | Farm Name: | B-3 |
| Well Name: | B-3 | Driller: | Layne-Western Co. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 16 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973961800 | | |

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| Database | EDR ID Number |
|---|---|
| IL WELLS | ILSG40000345034 |

**AB137**
**SSE**
**1/2 - 1 Mile**
**Higher**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973367200 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19430101060000 | Farm Name: | 6 |
| Well Name: | 6 | Driller: | Dreher & Schorie |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 120 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 120 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 3 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973367200 | | |

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| Database | EDR ID Number |
|---|---|
| IL WELLS | ILSG40000345051 |

**AB138**
**SSE**
**1/2 - 1 Mile**
**Higher**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973368900 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19390101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dittmeyer, Peter W. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 95 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 5 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368900 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **139**<br>**SE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW49912** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49912 | 2nd ID: | Not Reported |
| Owner: | RUETTIGER L | Driller: | DELANEY |
| Date drilled: | 09/00/1969 | Permit: | 008716 |
| Depth: | 100 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | | | |
|---|---|---|---|
| **AC140**<br>**East**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILSG40000333686** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121970129600 |
| IL SWSP #: | 158065 | Status: | Water Well |
| Date Drilled: | 19370101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Varner C.W. |
| Elevation: | 550 | Elevation Reference: | Ground level |
| Total Depth: | 796 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970129600 | | |

---

| | | | |
|---|---|---|---|
| **AC141**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILPW56089** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56089 | 2nd ID: | Not Reported |
| Owner: | RUBERIOD CO | Driller: | VARNER |
| Date drilled: | 00/00/1937 | Permit: | \| |
| Depth: | 796 | Record type: | RGOC |
| Well Use: | Commerical | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

| | | | |
|---|---|---|---|
| **AC142**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILPW56088** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56088 | 2nd ID: | Not Reported |
| Owner: | RUBERIOD CO | Driller: | VARNER |
| Date drilled: | 00/00/1937 | Permit: | \| |
| Depth: | 800 | Record type: | OC |
| Well Use: | Commerical | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **AC143**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW56090** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56090 | 2nd ID: | Not Reported |
| Owner: | RUBEROID CO #2 | Driller: | MILLER |
| Date drilled: | 12/11/1968 | Permit: | 006129 |
| Depth: | 197 | Record type: | RGCI |
| Well Use: | IN | Well Type: | – |
| Aquifer type: | Bedrock | | |

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**AD144**
**ESE**
**1/2 - 1 Mile**
**Lower**

**FED USGS** **USGS40000298641**

| | | | |
|---|---|---|---|
| Organization ID: | USGS-IL | Organization Name: | USGS Illinois Water Science Center |
| Monitor Location: | 35N10E- 4.1g | Type: | Well |
| Description: | Not Reported | HUC: | 07120004 |
| Drainage Area: | Not Reported | Drainage Area Units: | Not Reported |
| Contrib Drainage Area: | Not Reported | Contrib Drainage Area Unts: | Not Reported |
| Aquifer: | Not Reported | Formation Type: | Not Reported |
| Aquifer Type: | Not Reported | Construction Date: | 1925 |
| Well Depth: | 1596 | Well Depth Units: | ft |
| Well Hole Depth: | 1596 | Well Hole Depth Units: | ft |

| | | | |
|---|---|---|---|
| Ground water levels,Number of Measurements: | 1 | Level reading date: | 1930-01-01 |
| Feet below surface: | 248.50 | Feet to sea level: | Not Reported |
| Note: | Not Reported | | |

---

**AD145**
**SE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000333531**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121970063600 |
| IL SWSP #: | 154824 | Status: | Water Well |
| Date Drilled: | 19240101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Cater, W. H. Co. |
| Elevation: | 558 | Elevation Reference: | Ground level |
| Total Depth: | 1596 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970063600 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **AC146**<br>**East**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000334047** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121970170600 |
| IL SWSP #: | 218147 | Status: | Water Well |
| Date Drilled: | 19681211060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Miller, J.P. Artesian Well Co. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 197 | Lithologic Formation: | dolomite |
| Top of Formation (ft): | 10 | Bottom of Formation (ft): | 197 |
| Pump Flow (gpm): | 165 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970170600 | | |

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| | Database | EDR ID Number |
|---|---|---|
| **147**<br>**SSW**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILPW49939** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 49939 | 2nd ID: | Not Reported |
| Owner: | GUARDIAN ANGEL HOME | Driller: | Not Reported |
| Date drilled: | 00/00/1946 | Permit: | \| |
| Depth: | 167 | Record type: | RGC |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **148**<br>**NW**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000358184** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974685000 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | Not Reported | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 0 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974685000 | | |

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| | Database | EDR ID Number |
|---|---|---|
| **149**<br>**NE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000345572** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973421200 |
| IL SWSP #: | 0 | Status: | Water Well |

| | | | |
|---|---|---|---|
| Date Drilled: | Not Reported | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 0 | Elevation Reference: | Ground level |
| Total Depth: | 344 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973421200 | | |

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**AE150**
**NE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000353308**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974192900 |
| IL SWSP #: | 380834 | Status: | Water Well |
| Date Drilled: | 20060125060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Matherly, Hubert |
| Elevation: | 553 | Elevation Reference: | Ground level |
| Total Depth: | 230 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 40 | Bottom of Formation (ft): | 280 |
| Pump Flow (gpm): | 20 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974192900 | | |

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**AB151**
**SSE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000345047**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973368500 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19410101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 640 | Elevation Reference: | Topographic map |
| Total Depth: | 105 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973368500 | | |

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**AE152**
**NE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000333692**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121970130400 |
| IL SWSP #: | 409396 | Status: | Water Well |
| Date Drilled: | 19630101060000 | Farm Name: | 2 |
| Well Name: | 2 | Driller: | Miller, J.P. Co. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 303 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970130400 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **AF153**<br>**NE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW55984** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 55984 | 2nd ID: | Not Reported |
| Owner: | INTERCONTINENTAL ALLOYS CORP | Driller: | LOCKPORT |
| Date drilled: | 02/10/1979 | Permit: | 083432 |
| Depth: | 905 | Record type: | RG |
| Well Use: | IN | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **AF154**<br>**NE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW55985** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 55985 | 2nd ID: | Not Reported |
| Owner: | SUPERIOR AUTO | Driller: | LOCKPORT |
| Date drilled: | 09/24/1980 | Permit: | 095762 |
| Depth: | 185 | Record type: | RG |
| Well Use: | Commerical | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | Database | EDR ID Number |
|---|---|---|
| **AG155**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000351214** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973983600 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | Not Reported | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 0 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973983600 | | |

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| | Database | EDR ID Number |
|---|---|---|
| **AG156**<br>**SSE**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILSG40000351215** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121973983700 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | Not Reported | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Not Reported |
| Elevation: | 0 | Elevation Reference: | Not Reported |

| | | | |
|---|---|---|---|
| Total Depth: | 0 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973983700 | | |

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**157**
**ESE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000354213**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121974283200 |
| IL SWSP #: | 455513 | Status: | Water Well |
| Date Drilled: | 20100809050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Liberg, Steve Jr. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 100 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 40 | Bottom of Formation (ft): | 100 |
| Pump Flow (gpm): | 50 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974283200 | | |

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**158**
**SE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000334138**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 121970179700 |
| IL SWSP #: | 153786 | Status: | Water Well |
| Date Drilled: | 19690901050000 | Farm Name: | 6 |
| Well Name: | 6 | Driller: | Delaney, Leonard |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 100 | Lithologic Formation: | limestone rock |
| Top of Formation (ft): | 58 | Bottom of Formation (ft): | 100 |
| Pump Flow (gpm): | 20 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970179700 | | |

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**AF159**
**NE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW56056**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 56056 | 2nd ID: | Not Reported |
| Owner: | LEONARD KUBINSKI #1 LOT 307 | Driller: | FYKES |
| Date drilled: | 03/07/1980 | Permit: | 092833 |
| Depth: | 185 | Record type: | RG |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | Bedrock | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **AF160**<br>**NE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILPW55982** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 55982 | 2nd ID: | 29592 |
| Owner: | CALUMET CONST | Driller: | LOCKPORT |
| Date drilled: | 07/11/1987 | Permit: | 131582 |
| Depth: | 275 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
# RADON

**AREA RADON INFORMATION**

State Database: IL Radon

Radon Test Results

| Zipcode | Result |
|---|---|
| 60403 | 1 |
| 60403 | 2.2 |
| 60403 | 2.1 |

Federal EPA Radon Zone for WILL County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for WILL COUNTY, IL

Number of sites tested: 14

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|---|---|---|---|---|
| Living Area - 1st Floor | 1.567 pCi/L | 100% | 0% | 0% |
| Living Area - 2nd Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Basement | 3.514 pCi/L | 57% | 43% | 0% |

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Illinois State Geological Survey
Telephone: 217-333-4747

## HYDROGEOLOGIC INFORMATION

AQUIFLOW$^{R}$ Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

## OTHER STATE DATABASE INFORMATION

Oil and Gas Wells Listing
Source: Illinois State Geological Survey
Telephone: 217-333-5109
Oil and gas wells location points from the Illinois State Geological Survey database.

Water Well Records
Source: Illinois Geological Survey
Telephone: 217-333-4747

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)
Source: Illinois State Water Survey
Telephone: 217-333-9043

Water Well Location Information
Source: Illinois Environmental Protection Agency
Telephone: 217-782-0810

RADON

State Database: IL Radon
Source: Department of Nuclear Safety
Telephone: 217-785-9958
County Radon Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

**STREET AND ADDRESS INFORMATION**

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 North Grand Avenue, East; Post Office Box 19276; Springfield, IL 62794-9276
Division of Public Water Supplies Telephone 217/782-1724

# PUBLIC WATER SUPPLY CONSTRUCTION PERMIT

SUBJECT: CREST HILL (IL1970250)

Permit Issued to:
City of Crest Hill
20600 City Center Boulevard
Crest Hill, IL 60403
PERMIT NUMBER: 0082-FY2025

DATE ISSUED: August 21, 2024
PERMIT TYPE: Water Main Extension

The issuance of this permit is based on plans and specifications prepared by the engineers/architects indicated and are identified as follows. This permit is issued for the construction and/or installation of the public water supply improvements described in this document, in accordance with the provisions of the Environmental Protection Act, Title IV, Sections 14 through 17, and Title X, Sections 39 and 40, and is subject to the conditions printed on the last page of this permit and the ADDITIONAL CONDITIONS listed below.

FIRM: V3 Companies of Illinois, Ltd.
NUMBER OF PLAN SHEETS: 11
TITLE OF PLANS: "Water Main Replacement Oakland Avenue"
APPLICATION RECEIVED DATE: August 6, 2024

PROPOSED IMPROVEMENTS:

***Install approximately 268 lineal feet of 6-inch diameter and 3642 lineal feet of 8-inch diameter water main.***

ADDITIONAL CONDITIONS:

1. When the owner or operator of a community water supply replaces a water main, the community water supply shall identify all lead service lines connected to the water main and shall comply with the requirements of Section 17.12 of the Act, 415 ILCS 5/17.12 for lead service line replacement. Galvanized service line must also be replaced if the galvanized service line is or was connected downstream to the lead piping. A statement must be submitted with the Application for Operating Permit indicating either that no full or partial lead service lines were identified or that Section 17.12 of the Act was complied with for this project.

2. When replacing water mains with lead service lines or partial lead service lines connected to them, the owner or operator of the community water supply shall provide the owner or operator of each potentially affected building that is serviced by the affected lead service lines or partial lead service lines, as well as the occupants of those buildings, with an individual written notice. The lead informational notice shall be provided at least 14 days prior to permitted water main work. The notification provided by the community water supply must satisfy the requirements of Section 17.12(jj) of the Act, 415 ILCS 5/17.12(jj). A copy of the notice used must be submitted to the Agency with the Application for Operating Permit.

3. All water mains shall be satisfactorily disinfected prior to use pursuant to Ill. Adm. Code, Title 35, Subtitle F, Section 602.310. Two consecutive sets of samples collected at least 24 hours apart must show the absence of coliform bacteria. The samples must be collected from every 1,200 feet of new water main along each branch and from the end of the line. An operating permit must be obtained before the project is placed in service. The application for operating permit and supporting documents can either be mailed to this office or emailed to EPA.PWSPermits@illinois.gov. Use of the email address is preferred.

4. The permit approval is for the Application, plans and Schedule "B" received by the Agency on August 6, 2024.

CLJ:JHK

cc: V3 Companies of Illinois, Ltd.
IDPH/DEH – Plumbing and Water Quality Program
Will County Health Department
Elgin Regional Office

Chris Johnston, P.E.
Interim Manager, Permit Section
Division of Public Water Supplies

STANDARD CONDITIONS FOR CONSTRUCTION/DEVELOPMENT PERMITS
ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

The Illinois Environmental Protection Agency Act (415 ILCS 5/39) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

These standard conditions shall apply to all permits which the Agency issues for construction or development projects which require permits under the Division of Water Pollution Control, Air Pollution Control, Public Water Supplies and Land Pollution Control. Special conditions may also be imposed by the separate divisions in addition to these standard conditions.

1. Unless this permit has been extended or it has been voided by a newly issued permit, this permit will expire one year after this date of issuance unless construction or development on this project has started on or prior to that date.

2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted the Illinois Pollution Control Board.

3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.

4. The permittee shall allow any agent duly authorized by the Agency upon the presentation of credentials:

   a. to enter at reasonable times the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit.

   b. to have access to and copy at reasonable times any records required be kept under the terms and conditions of this permit.

   c. to inspect at reasonable times, including during any hours or operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit.

   d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants.

   e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.

5. The issuance of this permit:

   a. shall not be considered as in any manner affecting the title of the permits upon which the permitted facilities are to be located;

   b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;

   c. does not release the permittee from compliance with the other applicable statues and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;

   d. does not take into consideration or attest to the structural stability of any units or parts of the project;

   e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability directly or indirectly for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility

6. These standard conditions shall prevail unless modified by special conditions.

7. The Agency may file a complaint with Board of modification, suspension or revocation of a permit:

   a. upon discovery that the permit application misrepresentation or false statements or that all relevant facts were not disclosed; or

   b. upon finding that any standard or special conditions have been violated; or

   c. upon any violation of the Environmental Protection Act or any Rules or Regulation effective thereunder as a result of the construction or development authorized by this permit.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 1 |
| CONTRACT NO. | | |

# PROPOSED WATERMAIN PLANS

## OAKLAND AVENUE
## CITY OF CREST HILL
## WILL COUNTY, ILLINOIS

Crest Hill
CITY OF NEIGHBORS

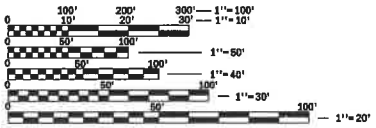
**INDEX OF SHEETS:**


| | |
|---|---|
| 1 | COVER SHEET |
| 2 | GENERAL NOTES |
| 3-8 | SUMMARY OF QUANTITIES |
| 9 | ALIGNMENT, TIES AND BENCHMARKS |
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| 23-25 | RESTORATION AND PAVEMENT MARKING PLAN |
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**FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2**

CITY OF CREST HILL CONTACTS:

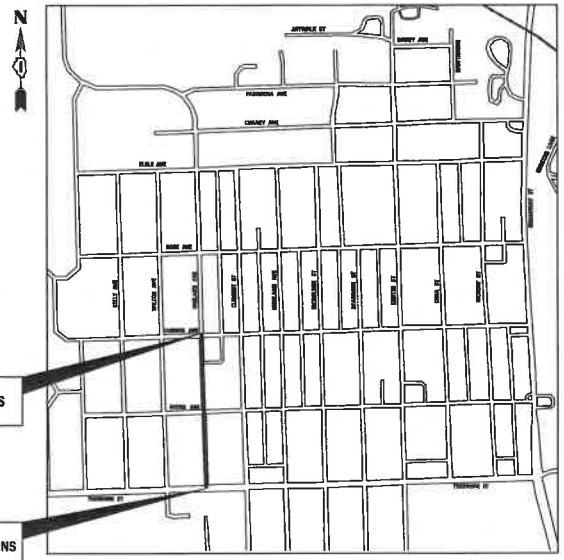
CITY ENGINEER: RONALD J. WIEDEMAN, P.E.
(815)-741-5122




FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811


V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com


LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 1,311.47 FT. = 0.25 MILE
OAKLAND AVENUE LENGTH = 1,311.47 FT. = 0.25 MILE



LOCATION OF SECTION INDICATED THUS: -

V3
JASON D. HOLY
# 062-059941

DATE: 3-12-2026

JASON D. HOLY 062-059941 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

EXPIRATION DATE: 11-30-2027

## GENERAL NOTES

1. ALL EXISTING TOPOGRAPHY, UNDERGROUND UTILITIES, STRUCTURES AND ASSOCIATED FACILITIES SHOWN ON THESE DRAWINGS HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEREFORE, THEIR LOCATIONS AND ELEVATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHER FACILITIES, THE EXISTENCE OF WHICH ARE NOT PRESENTLY KNOWN. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR.

2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AND THE CITY OF CREST HILL FOR FIELD LOCATIONS OF BURIED UTILITIES 48 HOURS IN ADVANCE OF WORK.

| ELECTRIC | CABLE TV | GAS |
|---|---|---|
| COMMONWEALTH EDISON | COMCAST CABLE COMMUNICATIONS | NICOR GAS |
| RICK OSTER | MARTHA GIERAS | ANNA TRAN |
| 2 LINCOLN CENTER | 2001 YORK ROAD | 1844 FERRY RD. |
| OAKBROOK TERRACE, IL 60181 | OAK BROOK, IL 60623 | NAPERVILLE, IL 60563 |
| (779) 231-0625 | (224) 229-5962 | (224) 239-7693 |

| TELEPHONE | WATER AND SEWER |
|---|---|
| AT&T | CITY OF CREST HILL |
| TOM LASKOWSKI | JULIUS HANSEN |
| 1000 COMMERCE DRIVE | 2090 OAKLAND AVENUE |
| OAK BROOK, IL 60523 | CREST HILL, IL 60403 |
| (630) 779-4722 | (815)-741-5108 |

3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD CHECK ALL DIMENSIONS AND ELEVATIONS OF EXISTING UTILITY LINES AND STRUCTURES THAT MAY BE IMPACTED BY THE PROPOSED WORK PRIOR TO ORDERING MATERIAL OR BEGINNING CONSTRUCTION. ANY DISCREPANCIES FROM THE PLANS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.

4. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE.

5. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN AND PROTECT EXISTING UTILITIES, SEWERS, MAINS AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR SHALL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES, SEWERS AND MAINS WHICH WILL REMAIN IN SERVICE. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND UTILITY COMPANY IF IT IS DETERMINED THAT TEMPORARY BRACING OR SUPPORT OF THE UTILITIES IS REQUIRED. THE PROTECTION AND/OR TEMPORARY BRACING OR SUPPORT OF UTILITIES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

6. THE CONTRACTOR WILL NOT BE PERMITTED TO SET UP A YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT PRIOR WRITTEN PERMISSION OF THE CITY.

7. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE DISTURBED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION.

8. ALL APPLICABLE PROVISIONS OF THE CURRENT OCCUPATIONAL SAFETY AND HEALTH ACT ARE HEREIN INCORPORATED BY REFERENCE.

9. EXCEPT WHERE MODIFIED BY THE CONTRACT DOCUMENTS, ALL WORK PROPOSED HEREON SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS WHICH ARE HEREBY MADE A PART HEREOF:

   a. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS," AS PREPARED BY IDOT, LATEST EDITION.

   b. "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," AS PREPARED BY IDOT, LATEST EDITION.

   c. THE LATEST EDITIONS OF THE MUNICIPAL CODE AND STANDARDS OF THE VILLAGE/CITY OF CREST HILL.

   d. THE ILLINOIS ACCESSIBILITY CODE.

   e. "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," LATEST EDITION.

   f. "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS AS PUBLISHED BY THE IEPA," LATEST EDITION.

   g. ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS," AS PUBLISHED BY THE IEPA, LATEST EDITION.

   h. "MANUAL OF TEST PROCEDURES FOR MATERIALS," LATEST EDITION

   i. "ILLINOIS URBAN MANUAL," LATEST EDITION

## GENERAL NOTES (CONTD.)

10. ALL AREAS OF PLANNED SUBGRADE TREATMENT SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR HIRED BY THE CITY. ALL POTENTIALLY UNSTABLE/UNSUITABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL (SSM). ANY AGGREGATE SUBGRADE IMPROVEMENTS (CY) AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION QUANTITIES NOT USED DURING CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT.

11. THE ENGINEER AND CITY OF CREST HILL ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF HIS/HER WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.

12. THE CONTRACTOR IS RESPONSIBLE FOR HAVING A SET OF "APPROVED" ENGINEERING PLANS WITH THE LATEST REVISION DATE ON THE JOB SITE PRIOR TO THE START OF CONSTRUCTION AND AT ALL TIMES DURING CONSTRUCTION.

13. AREAS OUTSIDE THE R.O.W. LINE OR CONSTRUCTION LIMIT LINE IMPACTED BY OPERATIONS OF THE CONTRACTOR SHALL BE RETURNED TO THE STATE IT WAS FOUND PRIOR TO NEWCONSTRUCTION, EXCEPT WHERE NEW WORK IS SHOWN.

14. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AND SIDE ROADS AT ALL TIMES DURING CONSTRUCTION OPERATIONS, UNLESS OTHERWISE NOTED ON PLANS.

15. IF THE INSTALLATION OF THE UNDERGROUND UTILITIES DOES NOT ALLOW THE CONTRACTOR ENOUGH TIME AT THE END OF THE YEAR TO COMPLETELY REMOVE AND REPLACE THE HMA PAVEMENT OR DRIVEWAYS, THE CONTRACTOR IS TO INSTALL TEMPORARY PAVEMENT IN ALL TRENCHES SO THAT THERE ARE NO OPEN STONE TRENCHES ON THE STREET OR DRIVEWAYS. FOR LANDSCAPED AREAS, IF THE CONTRACTOR CAN NOT PERFORM THE FINAL LAWN RESTORATION, THE CONTRACTOR IS TO PLACE TEMPORARY SEEDING AND BLANKET FOR THE WINTER.

## REMOVALS AND PAVING NOTES

16. ALL EXISTING PAVEMENT OR CONCRETE CURB AND GUTTER TO BE REMOVED SHALL BE SAWCUT ALONG LIMITS OF PROPOSED REMOVAL BEFORE COMMENCEMENT OF PAVEMENT REMOVAL. THE COST OF THE SAW CUT SHALL BE INCLUDED IN THE COST OF ITEM BEING REMOVED.

17. REMOVED PAVEMENT, SIDEWALK, CURB AND GUTTER, ETC. SHALL BE DISPOSED OF BY THE CONTRACTOR AT THEIR OWN EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN OFF-SITE DUMP SITE AT THEIR OWN EXPENSE.

18. NO HOLES ARE TO BE LEFT OPEN IN THE PAVEMENT OR PARKWAY OVER A HOLIDAY, WEEKEND OR AFTER 3:00 P.M. ON THE DAY PRECEDING A HOLIDAY OR A WEEKEND.

19. STREET PAVING AND CURBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE IF DAMAGED, IT SHALL BE REPLACED PROMPTLY IN CONFORMANCE WITH THE MUNICIPALITY OR IDOT STANDARD SPECIFICATIONS IN MATERIALS AND WORKMANSHIP AND AT THE CONTRACTOR'S EXPENSE.

20. ALL CURB RADII REFER TO EDGE OF PAVMENT UNLESS OTHERWISE NOTED.

21. ASPHALT JOINTS FOR BINDER COURSES ARE TO BE STAGGERED.

22. PROPOSED ELEVATIONS INDICATE FINISHED CONDITIONS. FOR ROUGH GRADING ELEVATIONS ALLOW FOR THICKNESS OF PROPOSED PAVING (ROADS, WALKS, DRIVES, ETC.) OR TOPSOIL AS INDICATED ON DRAWINGS.

23. FOR ANY UNKNOWN UTILITY DEPTHS NOT LISTED ON THESE PLANS, THE CONTRACTOR MAY ASK THE ENGINEER TO USE AN EXPLORATORY TRENCH TO LOCATE SAID UTILITY.

## MAINTENANCE OF TRAFFIC NOTES

24. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE MAINTENANCE OF TRAFFIC NOTES AND PROTECTION SECTION 701 OF THE STANDARD SPECIFICATIONS.

25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS, TRAFFIC CONTROL DEVICES AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC DURING ALL PHASES OF CONSTRUCTION. BARRICADES AND WARNING SIGNS SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE 107.14 OF THE IDOT STANDARD SPECIFICATIONS. ALL TRAFFIC CONTROL WORK SHALL BE DONE IN ACCORDANCE WITH IDOT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

26. ALL SIGNS SHALL BE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS, LATEST EDITION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.

27. THE COST OF SUPPLYING, ERECTING, AND MAINTAINING TRAFFIC CONTROL DEVICES, LIGHTS, AND SIGNS SHALL BE INCLUDED IN THE CONTRACT PRICE FOR TRAFFIC CONTROL AND PROTECTION, SPECIAL.

28. THE CONTRACTOR SHALL PERFORM ALL WORK BETWEEN THE WEEKDAY HOURS OF 7:00AM AND 5:00PM, UNLESS OTHERWISE ALLOWED BY THE ENGINEER.

29. ALL TRAFFIC CONTROL DEVICES SHALL BE MAINTAINED THROUGH THE COMPLETION OF THE CONTRACT.

30. SIGNAGE SHOWN ON THE MOT PLANS THAT ARE IN CONFLICT WITH EXISTING SIGNAGE WILL BE REQUIRED TO BE RELOCATED. ALL SIGNAGE SHALL BE KEPT IN THE CONDITION IT WAS REMOVED IN, OR SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR. SIGNS ARE TO BE REINSTALLED ONCE THE PROJECT IS COMPLETE AND IS INCLUDED IN THE CONTRACT PRICE FOR TRAFFIC CONTROL AND PROTECTION SPECIAL.

31. WORK ZONE SIGNING AND STRIPING SHALL BE DONE IN ACCORDANCE WITH IDOT STANDARD 701501, 701801, 701901, IDOT DISTRICT 1 STANDARD TC-10, AND AS SHOWN IN THE PLANS.

32. THE AREA THE CONTRACTOR SHALL BE INSTALLING THE WATERMAIN SHALL USE HIGHWAY STANDARD 701501 WITH FLAGGERS. THE ROAD SHALL BE OPEN TO ONE-WAY TRAFFIC AT THE END OF THE DAY. THE HOLE SHALL BE PROTECTED AND ALL DRIVEWAYS SHALL BE OPEN.

## MAINTENANCE OF TRAFFIC NOTES (CONTD.)

33. THE CONTRACTOR IS TO INSTALL A CHANGEABLE MESSAGE BOARD TWO WEEKS IN ADVANCE OF ANY CONSTRUCTION. ANY MESSAGE SHALL BE APPROVED BY THE CITY OF CREST HILL OR FIELD ENGINEER. THE CHANGEABLE MESSAGE BOARD WILL REMAIN ON SITE AND BE ROUTINELY UPDATED UNTIL PROJECT COMPLETION.

34. PROPOSED DRIVEWAY AND PAVEMENT REPAIR MAY BE SHOWN OUTSIDE THE RIGHT-OF-WAY. ONCE THE CONTRACT HAS BEEN AWARDED AND WORK HAS STARTED, THE R.E. AND CITY WILL WORK WITH THE VARIOUS RESIDENTS OR BUSINESSES TO GAIN ACCESS TO PROPERTY TO PERFORM WORK SHOWN ON THE PLANS.

## DRAINAGE NOTES

35. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM FLOW MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY ENGINEER.

36. WHENEVER LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES ETC., SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

37. ANY EXISTING DRAINAGE FACILITIES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT THEIR EXPENSE. THIS WORK SHALL BE PERFORMED TO THE SATISFACTION OF THE ENGINEER.

38. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES LOCATED IN THE GUTTER ARE GIVEN AT THE EDGE OF PAVEMENT.

39. TOP OF FRAME ("RIM") ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF EACH STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATIONS OF THE AREAS IN WHICH THEY ARE LOCATED, AS PART OF THE STRUCTURE COST.

40. UNLESS OTHERWISE INDICATED ON THE PLANS, STORM SEWER PIPE SHALL BE REINFORCED CONCRETE PIPE IN CONFORMANCE WITH IDOT STANDARD SPECIFICATIONS DETERMINATION FOR PIPE CLASS, AND CONFORMING TO ASTM C76. ALL STORM SEWER SHALL HAVE GASKETED JOINTS CONFORMING TO ASTM C-361.

41. THE COST OF MAKING EXISTING STORM SEWER CONNECTIONS TO PROPOSED DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE BEING INSTALLED.

42. PROVIDE TRENCH BACKFILL IN ACCORDANCE WITH IDOT SPECIFICATIONS.

43. THE CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY FOR DEWATERING TRENCH EXCAVATIONS AS WELL AS SHORING TRENCH WALLS DURING UTILITY AND STORM SEWER OPERATIONS. THE COST OF COMPLIANCE WITH THE ABOVE, SHALL BE INCLUDED IN THE COST OF THE UTILITY BEING INSTALLED.

## MISCELLANEOUS STANDARDS

WATERMAIN CASING SPACERS
CURB W TYPE 1 FRAME AND GRATE
CATCH BASIN (SPECIAL)
SANITARY MANHOLE SELF-SEALING LID
SANITARY SEWER EXTERNAL CHIMNEY SEAL
UNDERDRAIN CONNECTION TO STRUCTURE AT LOW POINTS FOR ALL COLLECTOR AND RESIDENTIAL STREETS

## CITY STANDARDS

| | |
|---|---|
| PVT-2 | CONCRETE CURB AND GUTTER DETAILS |
| PVT-3 | VARIOUS PATHWAY DETAILS |
| PVT-5 | DRIVEWAY DETAILS |
| PVT-6 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS |
| PVT-8 | DEPRESSED CORNER FOR SIDEWALKS |
| PVT-10 | FRAME ADJUSTMENT WHEN MILLING |
| PVT-12 | TYPICAL PAVEMENT MARKINGS |
| ERO-1 | EROSION CONTROL GENERAL NOTES |
| ERO-2 | INLET PROTECTION |
| STM-1 | STORM MANHOLE, TYPE A |
| STM-2 | CASTING INSTALLATION AND ADJUSTING |
| STM-3 | TYPE 1 FRAME AND LID |
| STM-4 | UNDERDRAIN CONNECTION TO STRUCTURES AT LOW POINTS |
| WTR-1 | TYPICAL WATER MAIN TRENCH, VALVE VAULT, AND THRUST BLOCK |
| WTR-2 | TYPICAL FIRE HYDRANT, SERVICE, AND METER |
| WTR-3 | WATER MAIN LOWERING |
| SAN-1 | SANITARY SEWER SYSTEM DETAILS |
| SAN-2 | SANITARY SEWER SYSTEM DETAILS |

## IDOT HIGHWAY STANDARDS

| | |
|---|---|
| 420001-10 | PAVEMENT JOINTS |
| 442201-03 | CLASS C AND D PATCHES |
| 701501-06 | URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED |
| 701502-09 | URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE |
| 701601-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE |
| 701901-09 | TRAFFIC CONTROL DEVICES |

## IDOT DISTRICT ONE STANDARDS

| | |
|---|---|
| BD-07 | STORM SEWER CONNECTION TO EXISTING SEWER |
| BD-32 | BUTT JOINTS AND HMA TAPER |
| TC-10 | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS |

V3 Companies
1320 Janes Avenue
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USER NAME = cmiesowicz | DESIGNED - | REVISED - | REVISED -
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PLOT DATE = 3/12/2026 | DATE - | REVISED - | REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

GENERAL NOTES

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 2 |

PROJECT NO. 230652

MAIN CONTRACT

| SPECIAL PROVISION | CODE NO. | ITEM | UNIT | OAKLAND AVENUE QUANTITY |
|---|---|---|---|---|
| | 20101200 | TREE ROOT PRUNING | EACH | 7 |
| | 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS | CU YD | 215 |
| | 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 650 |
| | 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 100 |
| | 28000510 | INLET FILTERS | EACH | 11 |
| | 28001100 | TEMPORARY EROSION CONTROL BLANKET | SQ YD | 1,212 |
| | 30300001 | AGGREGATE SUBGRADE IMPROVEMENT | CU YD | 215 |
| | 35102200 | AGGREGATE BASE COURSE, TYPE B 10" | SQ YD | 1,568 |
| | 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 2,950 |
| | 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 2,912 |
| | 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 14 |
| | 40602978 | HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50 | TON | 13 |
| | 40603200 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | TON | 249 |
| | 40604060 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 | TON | 372 |
| | 42000401 | PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED) | SQ YD | 254 |
| | 42400800 | DETECTABLE WARNINGS | SQ FT | 54 |
| * | 44000100 | PAVEMENT REMOVAL | SQ YD | 2,181 |
| | 44000159 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | SQ YD | 3,072 |
| | 44201711 | CLASS D PATCHES, TYPE IV, 5 INCH | SQ YD | 1,869 |
| * | 50100100 | STRUCTURES TO BE REMOVED | EACH | 5 |

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USER NAME = cmasowicz
PLOT SCALE = -
PLOT DATE = 3/12/2026

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WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

SUMMARY OF QUANTITIES
SCALE:NONE SHEET 1 OF 6 SHEETS STA. TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 3 |

PROJECT NO. 230652

MODEL: Default
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MAIN CONTRACT

| SPECIAL PROVISION | CODE NO. | ITEM | UNIT | OAKLAND AVENUE QUANTITY |
|---|---|---|---|---|
| * | 550A2520 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12" | FOOT | 104 |
| | 550A2550 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 21" | FOOT | 769 |
| | 55100400 | STORM SEWER REMOVAL 10" | FOOT | 30 |
| | 55101100 | STORM SEWER REMOVAL 21" | FOOT | 780 |
| * | 56103000 | DUCTILE IRON WATER MAIN, 6" | FOOT | 68 |
| * | 56103100 | DUCTILE IRON WATER MAIN, 8" | FOOT | 1,403 |
| * | 56105000 | WATER VALVES, 8" | EACH | 8 |
| * | 56400500 | FIRE HYDRANT TO BE REMOVED | EACH | 2 |
| * | 56400820 | FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX | EACH | 5 |
| * | 56500800 | DOMESTIC WATER SERVICE BOX | EACH | 31 |
| | 59300100 | CONTROLLED LOW-STRENGTH MATERIAL | CU YD | 90 |
| * | 60200105 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID | EACH | 1 |
| | 60200205 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 |
| * | 60206905 | CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID | EACH | 3 |
| | 60218400 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 6 |
| | 60234200 | INLETS, TYPE A, TYPE 1 FRAME, OPEN LID | EACH | 1 |
| * | 60248900 | VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 8 |
| | 66900200 | NON-SPECIAL WASTE DISPOSAL | CU YD | 367 |
| | 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 290 |
| | 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 100 |

V3 Companies
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USER NAME = cmeowles
PLOT SCALE =
PLOT DATE = 3/12/2026

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WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

SUMMARY OF QUANTITIES
SCALE: NONE | SHEET 2 OF 6 SHEETS | STA. | TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 4 |

PROJECT NO. 230652

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MAIN CONTRACT

| SPECIAL PROVISION | CODE NO. | ITEM | UNIT | OAKLAND AVENUE QUANTITY |
|---|---|---|---|---|
| | 78008230 | POLYUREA PAVEMENT MARKING TYPE I - LINE 6" | FOOT | 107 |
| | 78008270 | POLYUREA PAVEMENT MARKING TYPE I - LINE 24" | FOOT | 18 |
| | 78011035 | GROOVING FOR RECESSED PAVEMENT MARKING 7" | FOOT | 107 |
| | 78011125 | GROOVING FOR RECESSED PAVEMENT MARKING 25" | FOOT | 118 |
| * | X0324878 | SANITARY SEWER SERVICE ADJUSTMENT | FOOT | 50 |
| * | X1200221 | CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE) | EACH | 5 |
| * | X2080250 | TRENCH BACKFILL, SPECIAL | CU YD | 2,723 |
| * | X2130010 | EXPLORATION TRENCH, SPECIAL | FOOT | 500 |
| * | X5610858 | WATER MAIN TO BE ABANDONED, 6" | FOOT | 1,398 |
| * | X5610706 | WATER MAIN REMOVAL, 6" | FOOT | 46 |
| * | X6026050 | SANITARY MANHOLES TO BE ADJUSTED | EACH | 6 |
| * | X6026622 | VALVE VAULTS TO BE REMOVED | EACH | 1 |
| * | X6026632 | VALVE BOXES TO BE REMOVED | EACH | 4 |
| * | X7010216 | TRAFFIC CONTROL & PROTECTION (SPECIAL) | L SUM | 1 |
| * | Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 |
| * | Z0018400 | STORM STRUCTURES TO BE ADJUSTED | EACH | 6 |
| * | | CASH ALLOWANCE | UNITS | 15,000 |
| * | | CATCH BASIN (SPECIAL) | EACH | 1 |
| * | | CITY CONSTRUCTION SIGN | SQ FT | 4 |
| * | | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL) | FOOT | 2,171 |

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USER NAME = cassowitz
PLOT SCALE =
PLOT DATE = 3/17/2020

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REVISED -

CREST HILL

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**

ILLINOIS

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 3 OF 6 SHEETS | STA. | TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 5 |

PROJECT NO. 230652

MODEL: Default
FILE NAME: \\v3data\Projects\Crest Hill\230652 Oakland Ave\Design\plan\CAD\ [Revised] [Oakland Ave.dgn]

MAIN CONTRACT

| SPECIAL PROVISION | CODE NO. | ITEM | UNIT | OAKLAND AVENUE QUANTITY |
|---|---|---|---|---|
| * | | DETOUR SIGNAGE, PHASE 1 | EACH | 55 |
| * | | DETOUR SIGNAGE, PHASE 2 | EACH | 110 |
| * | | DUCTILE IRON WATERMAIN, "THEODORE ROAD", 8" | FOOT | 47 |
| * | | FRAME AND LID TO BE ADJUSTED (SPECIAL) | EACH | 1 |
| * | | INSERTION VALVES, 8" | EACH | 1 |
| * | | PARKWAY RESTORATION - SODDING | SQ YD | 1,212 |
| * | | PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT | SQ YD | 385 |
| * | | PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL) | SQ FT | 1,469 |
| * | | SUMP LINE | FOOT | 160 |
| * | | TEMPORARY ACCESS | EACH | 23 |
| * | | TEMPORARY PAVEMENT, 2" | SQ YD | 2,181 |
| * | | WATER MAIN CASING SLEEVE | FOOT | 20 |
| * | | WATER SERVICE LINE, 1" (LONG) | EACH | 12 |
| * | | WATER SERVICE LINE, 1" (SHORT) | EACH | 19 |

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = cwsowka
PLOT SCALE =
PLOT DATE = 3/12/2026

DESIGNED -
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DATE -

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WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 4 OF 6 SHEETS | STA. | TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 6 |

PROJECT NO. 230652

MODEL: Default
FILE NAME: I:\Projects\2023\230652\Drawings\Sheets\PC\230652-sht-SCD01 (Salient).dwg

**BID ALTERNATIVE**

| SPECIAL PROVISION | CODE NO. | ITEM | UNIT | ALTERNATIVE STREETS QUANTITY |
|---|---|---|---|---|
| | 20101200 | TREE ROOT PRUNING | EACH | 2 |
| | 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS | CU YD | 110 |
| | 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 325 |
| | 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 40 |
| | 28000510 | INLET FILTERS | EACH | 8 |
| | 28001100 | TEMPORARY EROSION CONTROL BLANKET | SQ YD | 90 |
| | 30300001 | AGGREGATE SUBGRADE IMPROVEMENT | CU YD | 110 |
| | 35102200 | AGGREGATE BASE COURSE, TYPE B 10" | SQ YD | 6 |
| | 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 12 |
| | 40600280 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 2,271 |
| | 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 127 |
| | 40602978 | HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50 | TON | 1 |
| | 40603200 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | TON | 185 |
| | 40604060 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 | TON | 284 |
| | 42400800 | DETECTABLE WARNINGS | SQ FT | 10 |
| * | 44000100 | PAVEMENT REMOVAL | SQ YD | 331 |
| | 44000159 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | SQ YD | 3,242 |
| | 44201711 | CLASS D PATCHES, TYPE IV, 5 INCH | SQ YD | 325 |
| | 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 8" | FOOT | 255 |
| | 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 127 |

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PLOT SCALE =
PLOT DATE = 3/12/2026

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**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 5 OF 8 SHEETS | STA. | TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 66 | 7 |

PROJECT NO. 230652

**BID ALTERNATIVE**

| SPECIAL PROVISION | CODE NO. | ITEM | UNIT | ALTERNATIVE STREETS QUANTITY |
|---|---|---|---|---|
| | 78011035 | GROOVING FOR RECESSED PAVEMENT MARKING 7" | FOOT | 255 |
| | 78011125 | GROOVING FOR RECESSED PAVEMENT MARKING 25" | FOOT | 127 |
| * | X6026050 | SANITARY MANHOLES TO BE ADJUSTED | EACH | 2 |
| * | X7010216 | TRAFFIC CONTROL & PROTECTION (SPECIAL) | L SUM | 1 |
| * | Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 |
| * | | CASH ALLOWANCE | UNITS | 3,000 |
| * | | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL) | FOOT | 422 |
| * | | FRAME AND LID TO BE ADJUSTED (SPECIAL) | EACH | 5 |
| * | | PARKWAY RESTORATION - SODDING | SQ YD | 90 |
| * | | PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT | SQ YD | 140 |
| * | | PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL) | SQ FT | 134 |
| * | | TEMPORARY ACCESS | EACH | 3 |
| * | | TEMPORARY PAVEMENT, 2" | SQ YD | 331 |

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PLOT SCALE =
PLOT DATE = 3/12/2026

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CREST HILL — ILLINOIS

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**

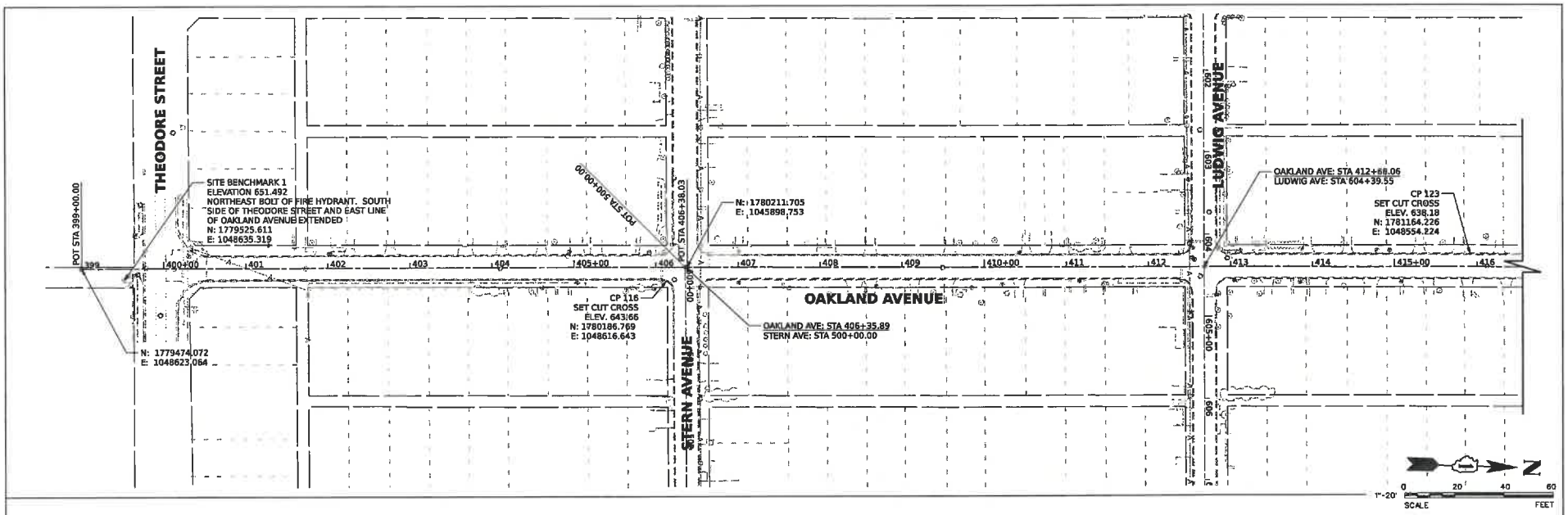
**SUMMARY OF QUANTITIES**

SCALE: NONE | SHEET 6 OF 8 SHEETS | STA. | TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 65 | 6 |

PROJECT NO. 230652

MODEL: Default
FILE NAME: N:\Projects\2023\230652\Design\Civil\CAD\...




## CONTROL POINTS LIST:

| | | | | |
|---|---|---|---|---|
| CP 116<br>SET CUT CROSS<br>ELEV. 643.66<br>N: 1780186.769<br>E: 1048616.643 | CP 123<br>SET CUT CROSS<br>ELEV. 638.18<br>N: 1781164.226<br>E: 1048554.224 | CP 123<br>SET CUT CROSS<br>ELEV. 638.18<br>N: 1781164.226<br>E: 1048554.224 | CP 112<br>SET CUT CROSS<br>ELEV. 633.33<br>N: 1781542.130<br>E: 1048577.563 | CP 119<br>SET CUT CROSS<br>ELEV. 619.06<br>N: 1782456.766<br>E: 1048515.866 |

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| | | | |
|---|---|---|---|
| USER NAME = DWBOWICZ | DESIGNED - | REVISED - | REVISED - |
| | DRAWN - | REVISED - | REVISED - |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - |
| PLOT DATE = 3/12/2026 | DATE - | REVISED - | REVISED - |

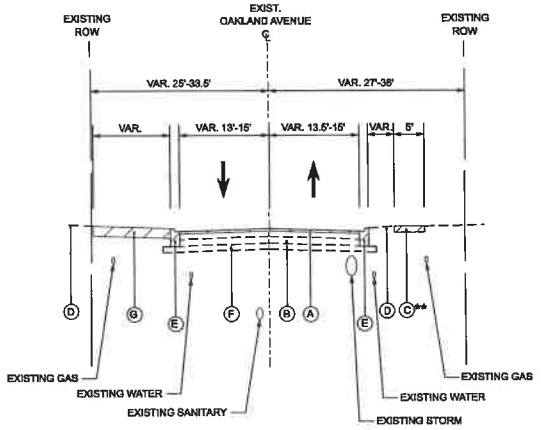
**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**ALIGNMENT, TIES, AND BANCHMARKS**
SCALE: 1"=60' | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 65 | 9 |

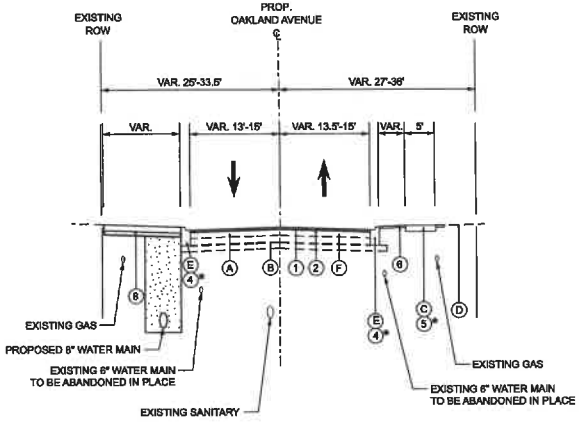
PROJECT NO. 230652

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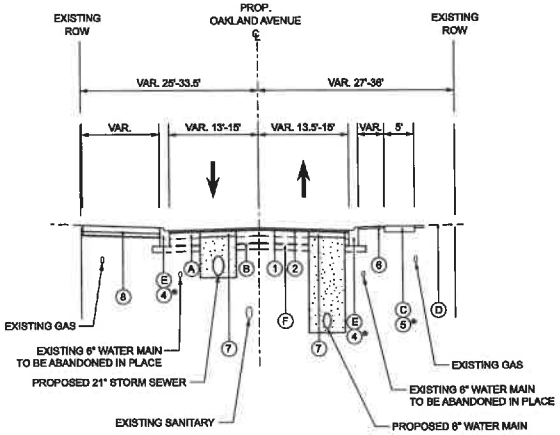

## EXISTING TYPICAL SECTION
## OAKLAND AVENUE

STA 400+02.53 TO STA 413+30.00




## PROPOSED TYPICAL SECTION
## OAKLAND AVENUE

STA 400+02.53 TO STA 405+50.07




## PROPOSED TYPICAL SECTION
## OAKLAND AVENUE

STA 405+50.07 TO STA 413+30.00

## EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) AGGREGATE SUBGRADE
- (C) EXISTING SIDEWALK
- (D) EXISTING GROUND
- (E) EXISTING CURB AND GUTTER
- (F) EXISTING SUBGRADE
- (G) EXISTING DRIVEWAY

## PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- (3) TRENCH BACKFILL
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 AGGREGATE BASE COURSE TYPE B, 4"
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5" AGGREGATE BASE COURSE TYPE B, 4"
- (6) SODDING TOPSOIL FURNISH AND PLACE, 4"
- (7) CLASS D PATCHES, 5"
- (8) PORTLAND CEMENT CONCRETE (HI-EARLY) DRIVEWAY PAVEMENT, 6" AGGREGATE BASE COURSE TYPE B, 4"

REMOVAL ITEMS

GRANULAR TRENCH BACKFILL

## GENERAL NOTES

1. WHERE PROPOSED CURB AND GUTTER IS TO BE INSTALLED ADJACENT TO EXISTING TREES GREATER THAN 6", CONTRACTOR IS TO TREE ROOT PRUNE BEFORE REMOVING CURB AND GUTTER.
2. SOD RESTORATION MAXIMUM WIDTH SHALL BE 4' NEXT TO SIDEWALK AND DRIVEWAYS. ALONG THE BACK OF CURB THE MAX WIDTH SHALL BE 6'. SEE LANDSCAPING PLANS FOR AREAS OF SOD RESTORATION

## DETAILS

* SEE PLANS FOR LOCATIONS OF CURB AND SIDEWALK REMOVAL AND REPLACEMENT

** EXISTING SIDEWALK ON OAKLAND INCLUDES:
LT: 401+72.60 TO 402+20.93, 412+85.88 TO 413+41.56, 421+88.79 TO 428+03.93, 428+04.88 TO 429+15.81, 429+73.01 TO 430+76.84
RT: 400+22.42 TO 401+54.17, 401+74.76 TO 405+14.14, 411+56.81 TO 412+49.99, 419+72.51 TO 426+15.86, 426+57.38 TO 429+26.31, 429+88.12 TO 432+45.87, 432+78.57 TO 433+32.57

## HOT-MIX ASPHALT REQUIREMENTS

| MIXTURE TYPE | VOIDS |
|---|---|
| OAKLAND AVENUE PAVEMENT RESURFACING | |
| HMA SURFACE COURSE, MIX "D", N50 (IL-9.5 mm), 1.5" | 4% @ 50 GYR |
| POLY. HMA BINDER COURSE, N50 (IL-4.75 mm), 1" | 4% @ 50 GYR |
| FULL DEPTH PATCHING (CLASS D) | |
| HMA BINDER COURSE, N50 (IL-9.5 mm), 5" | 4% @ 50 GYR |

## NOTES

1. THE UNIT WEIGHT USED TO CALCULATATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SQYD/IN.
2. FOR USE OF RECYCLED MATERIALS SEE IDOT DISTRICT SPECIAL PROVISION FOR "RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES".

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630.724.9202 fax
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USER NAME = cwescovich
PLOT SCALE = 1
PLOT DATE = 3/12/2020

DESIGNED -
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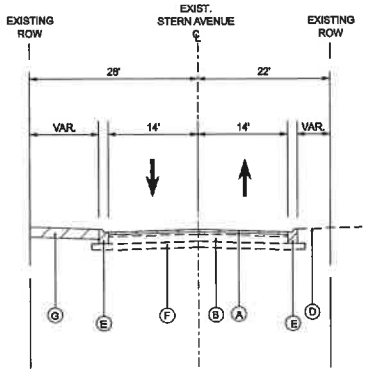
WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

TYPICAL SECTIONS
SCALE:
SHEET 1 OF 2 SHEETS STA. TO STA.

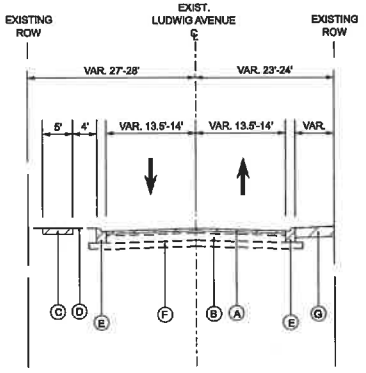
| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 10 |

PROJECT NO. 230662

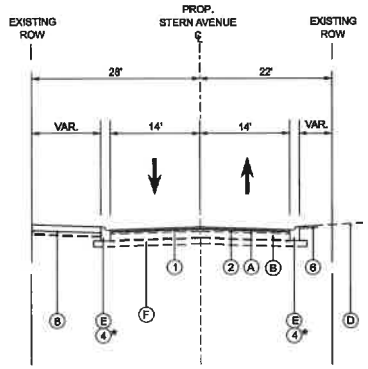
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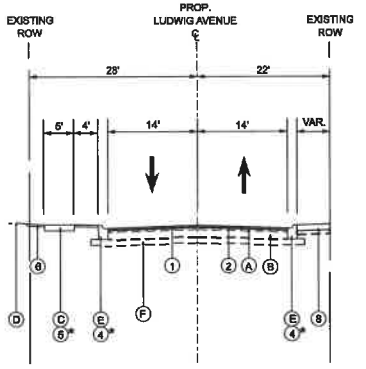

**ALTERNATIVE WORK**
**EXISTING TYPICAL SECTION**
**STERN AVENUE**
STA 500+00.00 TO STA 503+72.00




**ALTERNATIVE WORK**
**EXISTING TYPICAL SECTION**
**LUDWIG AVENUE**
STA 600+78.00 TO STA 608+04.00




**ALTERNATIVE WORK**
**PROPOSED TYPICAL SECTION**
**STERN AVENUE**
STA 500+00.00 TO STA 503+72.00




**ALTERNATIVE WORK**
**PROPOSED TYPICAL SECTION**
**LUDWIG AVENUE**
STA 600+78.00 TO STA 608+04.00

## EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) AGGREGATE SUBGRADE
- (C) EXISTING SIDEWALK
- (D) EXISTING GROUND
- (E) EXISTING CURB AND GUTTER
- (F) EXISTING SUBGRADE
- (G) EXISTING DRIVEWAY

## PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 1.5"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- (3) TRENCH BACKFILL
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 AGGREGATE BASE COURSE TYPE B, 4"
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5" AGGREGATE BASE COURSE TYPE B, 4"
- (6) SODDING TOPSOIL FURNISH AND PLACE, 4"
- (7) CLASS D PATCHES, 5"
- (8) PORTLAND CEMENT CONCRETE (HI-EARLY) DRIVEWAY PAVEMENT, 6" AGGREGATE BASE COURSE TYPE B, 4"

REMOVAL ITEMS

GRANULAR TRENCH BACKFILL

## GENERAL NOTES

1. WHERE PROPOSED CURB AND GUTTER IS TO BE INSTALLED ADJACENT TO EXISTING TREES GREATER THAN 6", CONTRACTOR IS TO TREE ROOT PRUNE BEFORE REMOVING CURB AND GUTTER.
2. SOD RESTORATION MAXIMUM WIDTH SHALL BE 4' NEXT TO SIDEWALK AND DRIVEWAYS. ALONG THE BACK OF CURB THE MAX WIDTH SHALL BE 6'. SEE LANDSCAPING PLANS FOR AREAS OF SOD RESTORATION

## DETAILS

* SEE PLANS FOR LOCATIONS OF CURB AND SIDEWALK REMOVAL AND REPLACEMENT

** EXISTING SIDEWALK ON OAKLAND INCLUDES:
LT: 401+72.80 TO 402+20.93, 412+85.88 TO 413+41.56, 421+66.78 TO 428+03.83, 428+04.86 TO 429+15.81, 429+73.01 TO 432+78.84
RT: 400+22.42 TO 401+54.17, 401+74.76 TO 405+14.14, 411+56.81 TO 412+49.99, 419+72.51 TO 426+15.66, 426+57.38 TO 429+26.31, 429+66.12 TO 432+45.87, 432+76.67 TO 433+32.57

## HOT-MIX ASPHALT REQUIREMENTS

| MIXTURE TYPE | VOIDS |
|---|---|
| STERN AVENUE PAVEMENT RESURFACING | |
| HMA SURFACE COURSE, MIX "D", N50 (IL-9.5 mm), 1.5" | 4% @ 50 GYR |
| POLY. HMA BINDER COURSE, N50 (IL-4.75 mm), 1" | 4% @ 50 GYR |
| LUDWIG AVENUE PAVEMENT RESURFACING | |
| HMA SURFACE COURSE, MIX "D", N50 (IL-9.5 mm), 1.5" | 4% @ 50 GYR |
| POLY. HMA BINDER COURSE, N50 (IL-4.75 mm), 1" | 4% @ 50 GYR |

## NOTES

1. THE UNIT WEIGHT USED TO CALCULATATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SQYD/IN.
2. FOR USE OF RECYCLED MATERIALS SEE IDOT DISTRICT SPECIAL PROVISION FOR "RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES".

V3 Companies
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630.724.9200 phone
630.724.9202 fax
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| | | | |
|---|---|---|---|
| USER NAME = cmeconnell | DESIGNED - | REVISED - | REVISED - |
| | DRAWN - | REVISED - | REVISED - |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - |
| PLOT DATE = 3/13/2026 | DATE - | REVISED - | REVISED - |

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

TYPICAL SECTIONS
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 11 |

PROJECT NO. 230652

MODEL: Default
FILE NAME: K:\2023\230652\Engr\Sheets\CAD Files\230652-ab-typsects-ab.dgn

## NOTES:

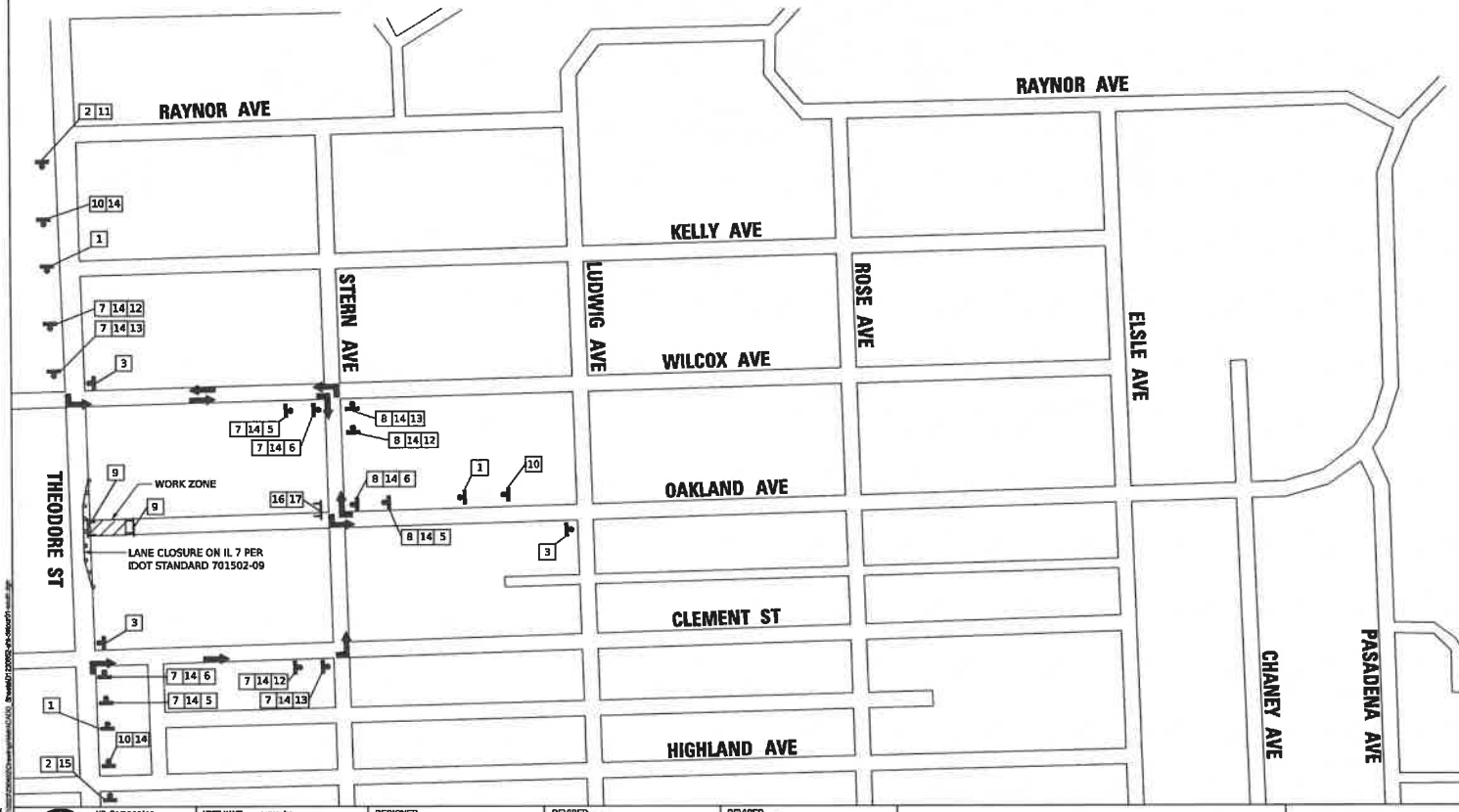
1. SPACING OF SIGNS SHALL BE SET AT 200' STARTING FROM THE CENTER OF INTERSECTION.
2. AT THE END OF EACH WORK DAY ON IL 7 THE CONTRACTOR IS TO REMOVE THEIR BARRICADES AND STEEL PLATE THE HOLE IN THE ROADWAY. NO OPEN HOLES SHOULD BE LEFT OPEN AFTER WORKING HOURS.
3. DURING THE DAILY LANE CLOSURES ON IL 7 THE BIDIRECTIONAL TURN LANE SHALL BE CLOSED AND THE MOT SHOULD BE CONFIGURED AS A ONE LANE ROAD WITH FLAGGERS PER IDOT STANDARD 701501-06.

## LEGEND

- DETOUR SIGN, NUMBER DENOTES TYPE
- TYPE III BARRICADE
- DETOUR ROUTE
- WORK ZONE

## SIGNAGE LEGEND

| | | | |
|---|---|---|---|
| 1 | DETOUR AHEAD<br>W20-2 (O) 48 | 9 | ROAD CLOSED<br>R11-2 48X30 |
| 2 | ROAD CONSTRUCTION AHEAD<br>W20-I103 (O) 48 | 10 | ROAD CLOSED AHEAD<br>W20-3 (O) 48 |
| 3 | END DETOUR<br>M4-8a (O) 2412 | 11 | W16-5pl |
| 4 | DETOUR<br>M6-3 2115 | 12 | DETOUR<br>M5-1L 2115 |
| 5 | DETOUR<br>M5-1R 2115 | 13 | DETOUR<br>M6-1L 2115 |
| 6 | DETOUR<br>M6-1R 2115 | 14 | OAKLAND AVE<br>CUSTOM (30x12) |
| 7 | NORTH<br>M3-1 (O) 2412 | 15 | W16-5pr |
| 8 | SOUTH<br>M3-3 (O) 2412 | 16 | ROAD CLOSED LOCAL TRAFFIC ONLY<br>R11-3 |
| | | 17 | DETOUR<br>M4-10R |







**TYPICAL SIGN LAYOUT**

N

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7325 Janes Avenue
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630.724.9202 fax
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| | | | |
|---|---|---|---|
| USER NAME = cwescovitz | DESIGNED - | REVISED - | REVISED - |
| | DRAWN - | REVISED - | REVISED - |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - |
| PLOT DATE = 3/12/2026 | DATE - | REVISED - | REVISED - |

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**DETOUR PLAN - STAGE 1**

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 58 | 12 |

PROJECT NO. 230652

MODEL: Default
FILE NAME: H:\Projects\2023\230652\Engineering\Exhibits\230652 Sheet\MOT\230652-EX-SHEET01.dgn

## NOTES:

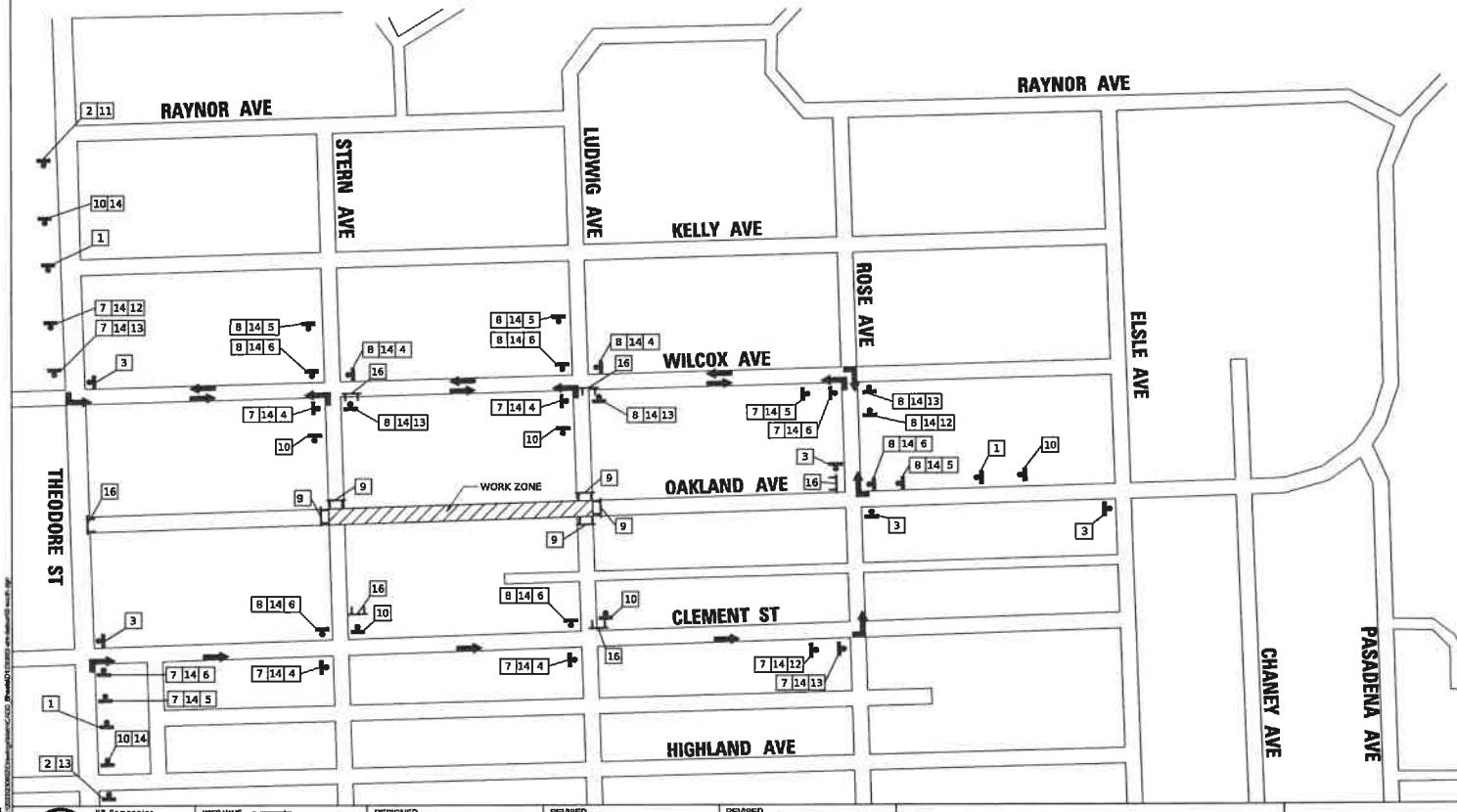
1. SPACING OF SIGNS SHALL BE SET AT 200' STARTING FROM THE CENTER OF INTERSECTION.

## LEGEND

- DETOUR SIGN, NUMBER DENOTES TYPE
- TYPE III BARRICADE
- DETOUR ROUTE
- WORK ZONE

## SIGNAGE LEGEND

| | | | |
|---|---|---|---|
| 1 | DETOUR AHEAD W20-2 (O) 48 | 9 | ROAD CLOSED R11-2 48X30 |
| 2 | ROAD CONSTRUCTION AHEAD W20-1103 (O) 48 | 10 | ROAD CLOSED AHEAD W20-3 (O) 48 |
| 3 | END DETOUR M4-8a (O) 2412 | 11 | W16-5pl |
| 4 | DETOUR M6-3 2115 | 12 | DETOUR M5-1L 2115 |
| 5 | DETOUR M5-1R 2115 | 13 | DETOUR M6-1L 2115 |
| 6 | DETOUR M6-1R 2115 | 14 | OAKLAND AVE CUSTOM (30x12) |
| 7 | NORTH M3-1 (O) 2412 | 15 | W16-5pr |
| 8 | SOUTH M3-3 (O) 2412 | 16 | ROAD CLOSED LOCAL TRAFFIC ONLY R11-3 |
| | | 17 | DETOUR M4-10R |







**TYPICAL SIGN LAYOUT**

N

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = cwescovitz
PLOT SCALE = 1
PLOT DATE = 3/12/2026

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DRAWN -
CHECKED -
DATE -

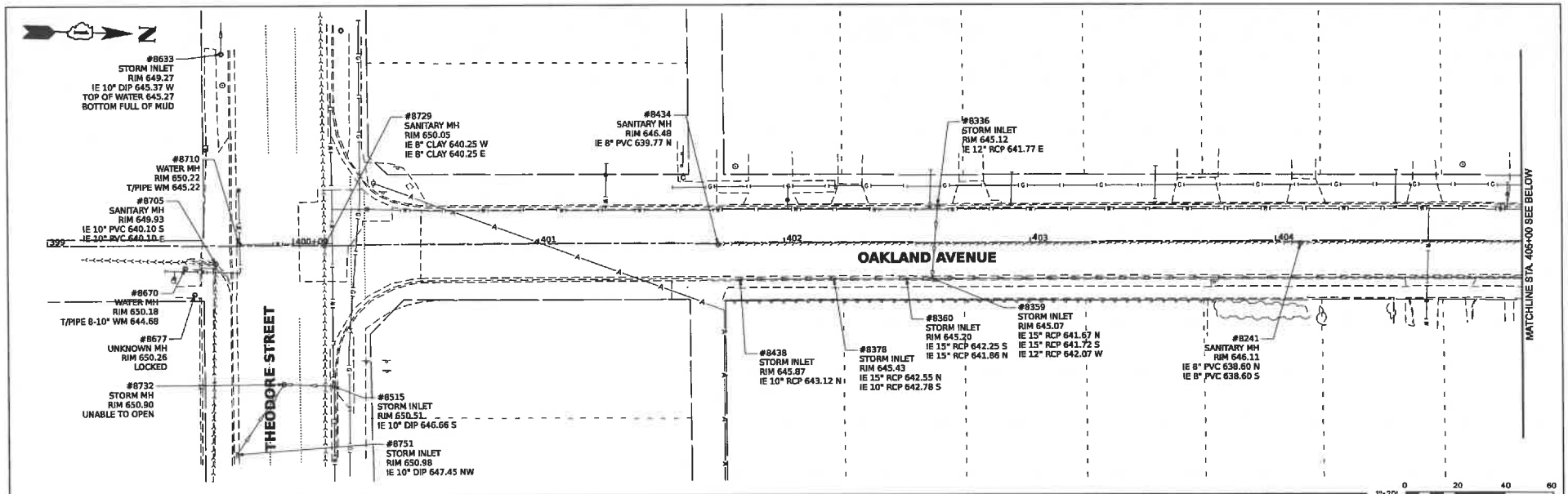
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**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**DETOUR PLAN - STAGE 2**
SCALE: NONE | SHEET 2 OF 2 SHEETS | STA. | TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 66 | 13 |
| PROJECT NO. 230652 | | |




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USER NAME = cwashick
PLOT SCALE =
PLOT DATE = 3/13/2023

DESIGNED -
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# WATER MAIN REPLACEMENT
# OAKLAND AVENUE

CREST HILL ILLINOIS

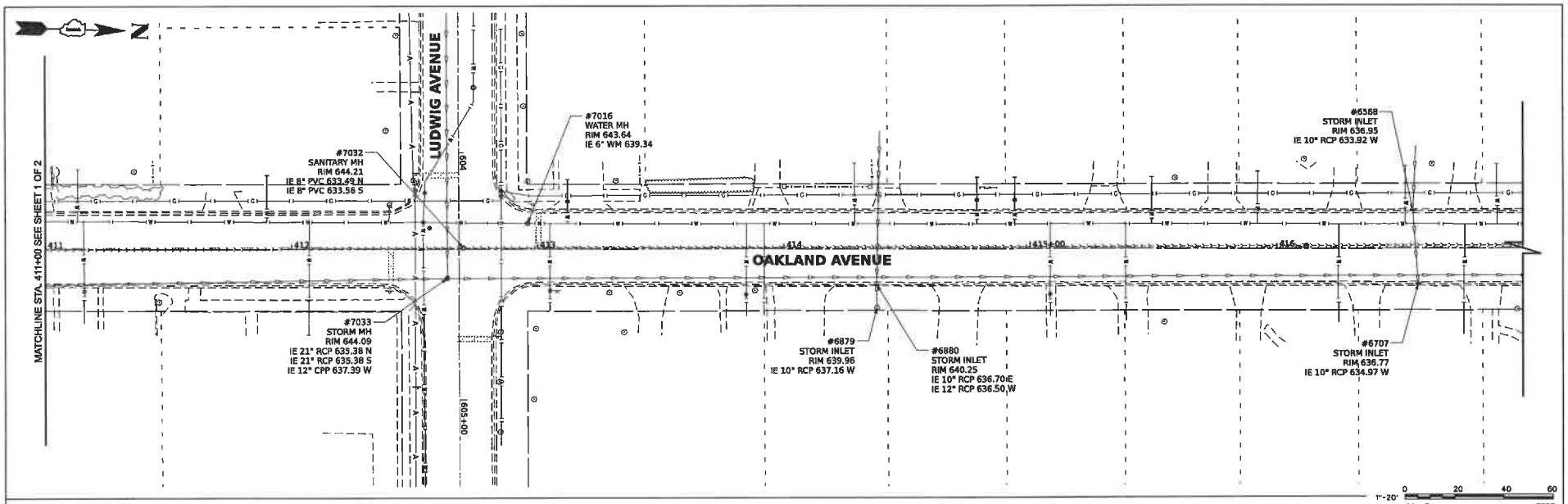
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SCALE: 1"=20' | SHEET 1 OF 2 SHEETS | STA. 399+00.00 TO STA. 411+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 65 | 14 |

PROJECT NO. 230552

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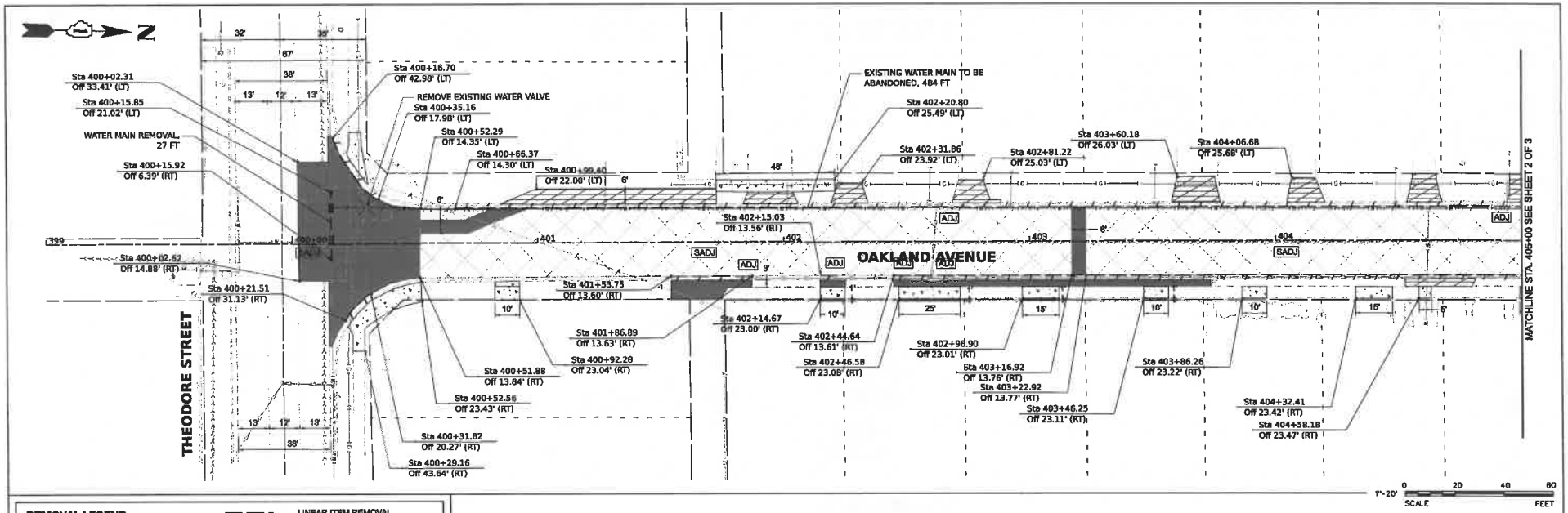

V3 Companies
1335 Jones Avenue
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630.724.9202 fax
www.v3co.com


| | | | |
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| USER NAME = cmeadows | DESIGNED - | REVISED - | REVISED - |
| | DRAWN - | REVISED - | REVISED - |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - |
| PLOT DATE = 3/12/2026 | DATE - | REVISED - | REVISED - |

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**EXISTING CONDITIONS**
SCALE: 1"=20' | SHEET 2 OF 2 SHEETS | STA. 411+00.00 | TO STA. 423+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 18 |
| PROJECT NO. 230652 | | |




## REMOVAL LEGEND

- MILLING OF PAVEMENT, 2.5"
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- BUTT JOINT REMOVAL
- PAVEMENT REMOVAL
- LINEAR ITEM REMOVAL
- WATER MAIN TO BE REMOVED
- WATER MAIN TO BE ABANDONED
- EACH ITEMS TO BE REMOVED
- ADJ — ADJUST STRUCTURE WITH NEW FRAME
- AS — ADJUST STRUCTURE, SPECIAL
- SADJ — ADJUST SANITARY STRUCTURE WITH NEW FRAME
- F — FILL STRUCTURE


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|---|---|---|---|---|
| USER NAME = | DESIGNED - | REVISED - | REVISED - | |
| | DRAWN - | REVISED - | REVISED - | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | |
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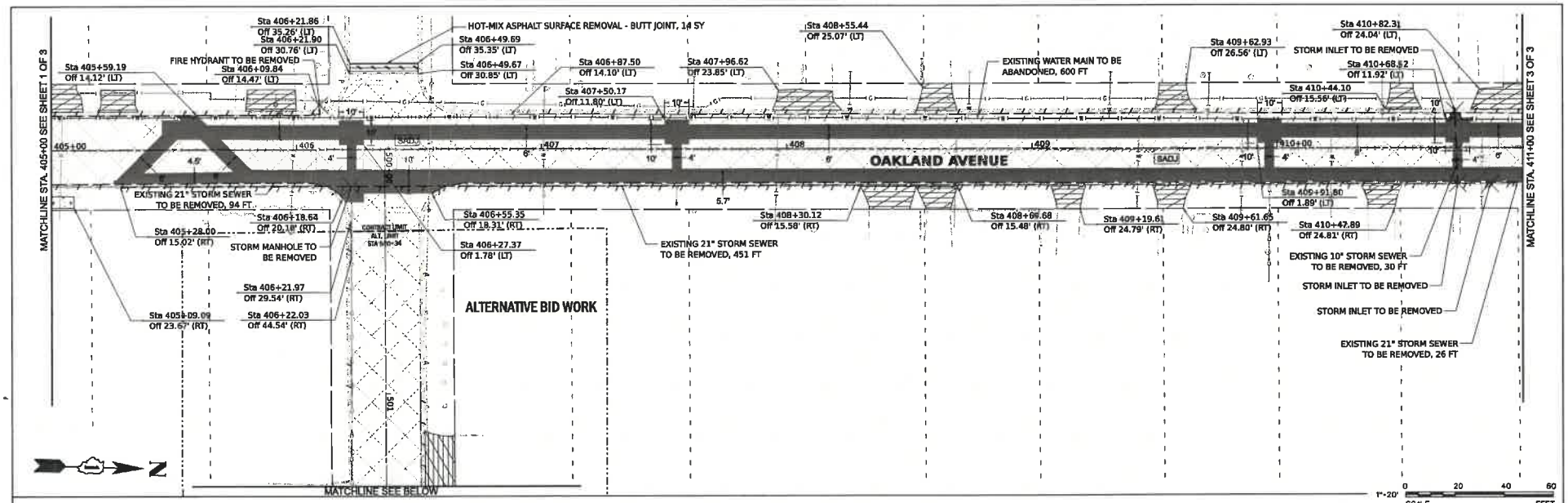
**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

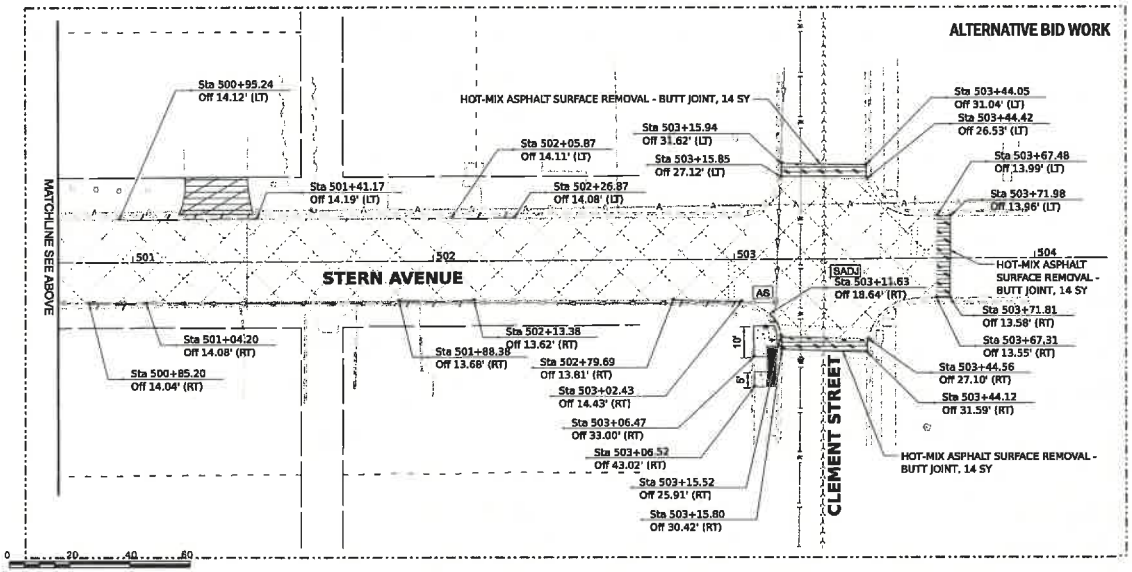
**REMOVAL PLAN**

SCALE: 1"=20' | SHEET 1 OF 3 SHEETS | STA. 399+00.00 TO STA. 405+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 16 |

PROJECT NO. 230652




## REMOVAL LEGEND

- MILLING OF PAVEMENT, 2.5"
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- BUTT JOINT REMOVAL
- PAVEMENT REMOVAL
- LINEAR ITEM REMOVAL
- WATER MAIN TO BE REMOVED
- WATER MAIN TO BE ABANDONED
- EACH ITEMS TO BE REMOVED
- ADJ — ADJUST STRUCTURE WITH NEW FRAME
- AS — ADJUST STRUCTURE, SPECIAL
- SADJ — ADJUST SANITARY STRUCTURE WITH NEW FRAME
- F — FILL STRUCTURE

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| | | | |
|---|---|---|---|
| USER NAME = cwoodcock | DESIGNED - | REVISED - | REVISED - |
| | DRAWN - | REVISED - | REVISED - |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - |
| PLOT DATE = 3/12/2026 | DATE - | REVISED - | REVISED - |

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

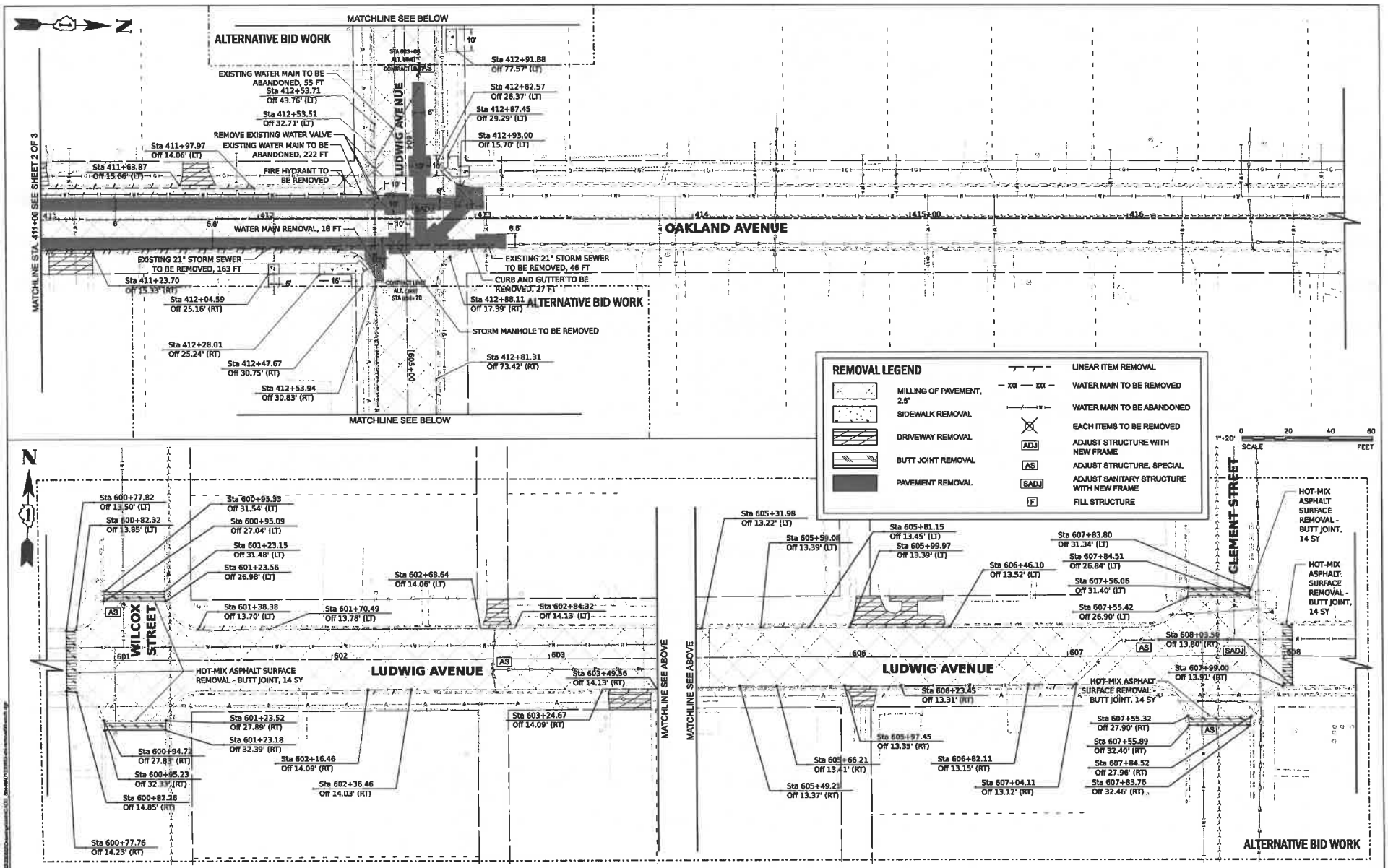
**REMOVAL PLAN**

SCALE: 1"=20' | SHEET 2 OF 3 SHEETS | STA. 405+00.00 TO STA. 411+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 17 |

PROJECT NO. 230652

MODEL: Default
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V3 Companies
7325 Janes Avenue
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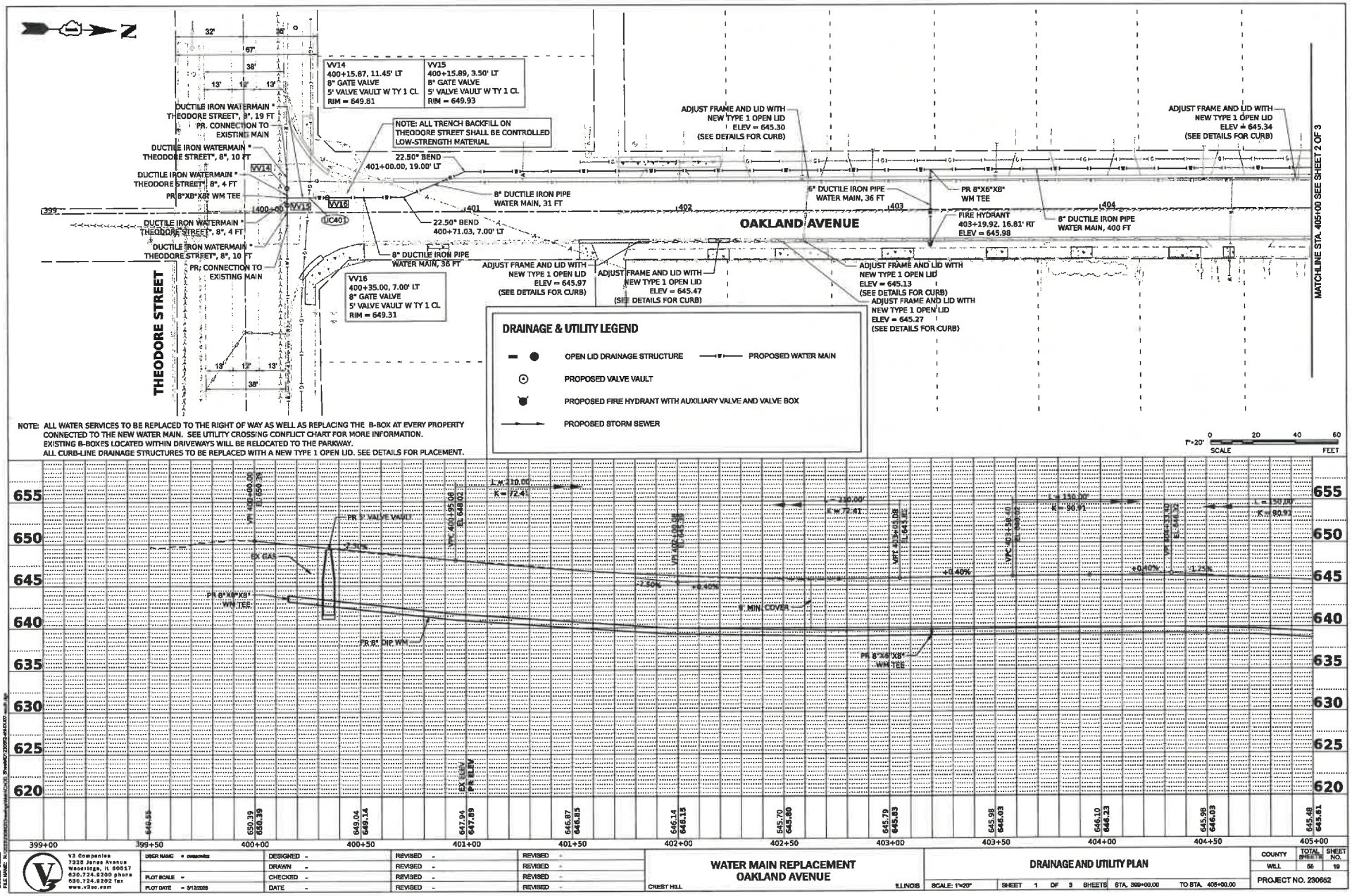
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| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | |
| PLOT DATE = 3/12/2025 | DATE - | REVISED - | REVISED - | |

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**REMOVAL PLAN**
SCALE: 1"=20' | SHEET 3 OF 3 SHEETS | STA. 411+00.00 TO STA. 417+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 18 |

PROJECT NO. 230652




NOTE: ALL WATER SERVICES TO BE REPLACED TO THE RIGHT OF WAY AS WELL AS REPLACING THE B-BOX AT EVERY PROPERTY CONNECTED TO THE NEW WATER MAIN. SEE UTILITY CROSSING CONFLICT CHART FOR MORE INFORMATION.
EXISTING B-BOXES LOCATED WITHIN DRIVEWAYS WILL BE RELOCATED TO THE PARKWAY.
ALL CURB-LINE DRAINAGE STRUCTURES TO BE REPLACED WITH A NEW TYPE 1 OPEN LID. SEE DETAILS FOR PLACEMENT.

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630.724.9202 fax
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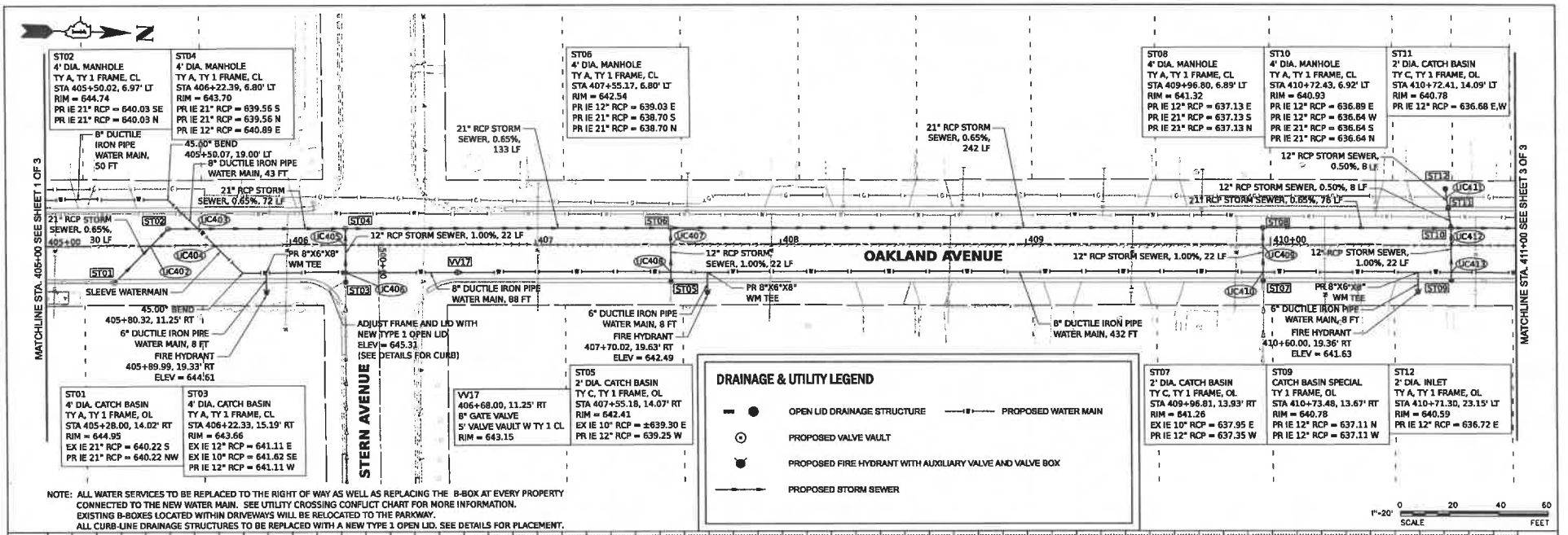
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| | DRAWN - | REVISED - | REVISED - | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | |
| PLOT DATE = 3/12/2026 | DATE - | REVISED - | REVISED - | |

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

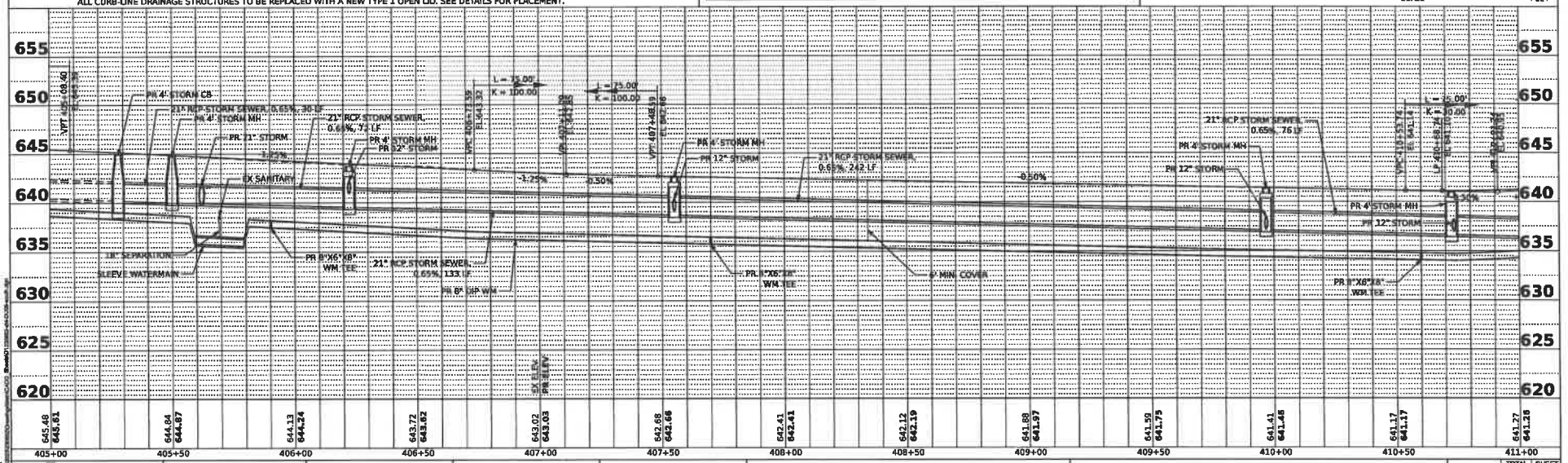
**DRAINAGE AND UTILITY PLAN**
SCALE: 1"=20' | SHEET 1 OF 3 SHEETS | STA. 399+00.00 TO STA. 405+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 19 |

PROJECT NO. 230652




NOTE: ALL WATER SERVICES TO BE REPLACED TO THE RIGHT OF WAY AS WELL AS REPLACING THE B-BOX AT EVERY PROPERTY CONNECTED TO THE NEW WATER MAIN. SEE UTILITY CROSSING CONFLICT CHART FOR MORE INFORMATION.
EXISTING B-BOXES LOCATED WITHIN DRIVEWAYS WILL BE RELOCATED TO THE PARKWAY.
ALL CURB-LINE DRAINAGE STRUCTURES TO BE REPLACED WITH A NEW TYPE 1 OPEN LID. SEE DETAILS FOR PLACEMENT.



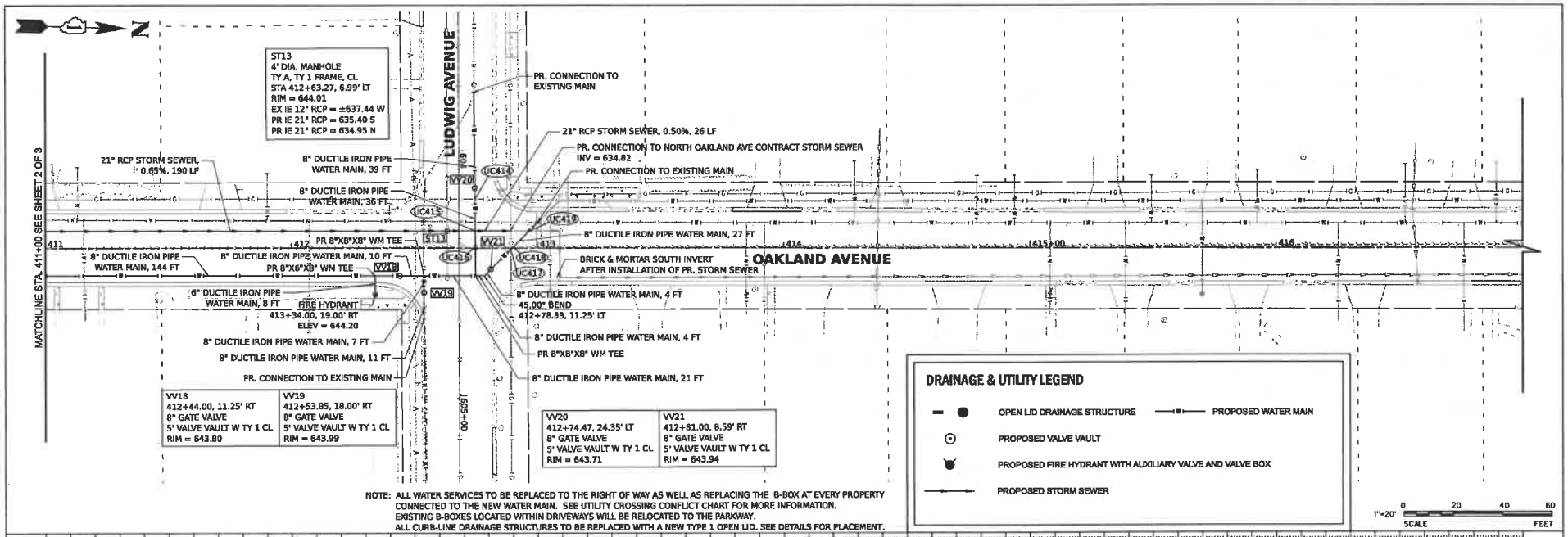

| | | | | | |
|---|---|---|---|---|---|
| V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com | USER NAME = cmassmoz | DESIGNED - | REVISED - | REVISED - | WATER MAIN REPLACEMENT OAKLAND AVENUE |
| | | DRAWN - | REVISED - | REVISED - | |
| | PLOT SCALE = | CHECKED - | REVISED - | REVISED - | |
| | PLOT DATE = 3/12/2026 | DATE - | REVISED - | REVISED - | CREST HILL ILLINOIS |

**DRAINAGE AND UTILITY PLAN**

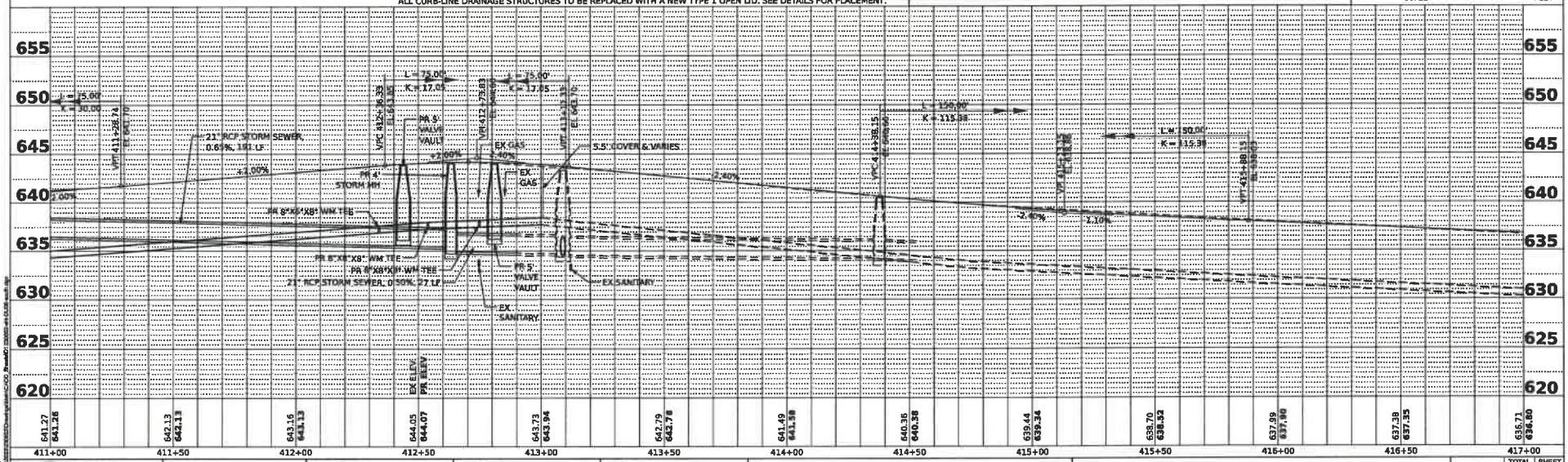
SCALE: 1"=20' | SHEET 2 OF 3 SHEETS | STA. 405+00.00 TO STA. 411+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 20 |

PROJECT NO. 230652




NOTE: ALL WATER SERVICES TO BE REPLACED TO THE RIGHT OF WAY AS WELL AS REPLACING THE B-BOX AT EVERY PROPERTY CONNECTED TO THE NEW WATER MAIN. SEE UTILITY CROSSING CONFLICT CHART FOR MORE INFORMATION.
EXISTING B-BOXES LOCATED WITHIN DRIVEWAYS WILL BE RELOCATED TO THE PARKWAY.
ALL CURB-LINE DRAINAGE STRUCTURES TO BE REPLACED WITH A NEW TYPE 1 OPEN LID. SEE DETAILS FOR PLACEMENT.




V3 Companies
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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| USER NAME = | | DESIGNED - | | REVISED - | | REVISED - | |
| | | DRAWN - | | REVISED - | | REVISED - | |
| PLOT SCALE = | | CHECKED - | | REVISED - | | REVISED - | |
| PLOT DATE = | 9/12/2023 | DATE - | | REVISED - | | REVISED - | |

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**DRAINAGE AND UTILITY PLAN**
SCALE: 1"=20' | SHEET 3 OF 3 SHEETS | STA. 411+00.00 | TO STA. 417+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 65 | 21 |

PROJECT NO. 230652

MODEL: Default
FILE NAME: K:\Projects\2023\Drawings\Civil\CAD Ready\230652 Sheet 3 of 3.dgn

| OAKLAND AVENUE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| CROSSING NUMBER | LOCATION | | PIPE INFORMATION | | | INVERT ELEVATION | OUTER ELEVATION | CLEARANCE (FEET) |
| | STATION | OFFSET | STATUS | SIZE | TYPE | | | |
| UC401 | 400+26.31 | 7.00' LT | PROPOSED | 8" DIP | WATER | 642.89 | 643.60 TP | 2.77 |
| | | | EXISTING | 2" | GAS | 646.42 | 646.37 BP | |
| UC402 | 405+42.78 | 0.26' RT | PROPOSED | 21" RCP | STORM | 640.08 | 639.85 BP | 1.06 |
| | | | EXISTING | 8" PVC | SANITARY | 638.08 | 638.79 TP | |
| UC403 | 405+62.12 | 6.94' LT | PROPOSED | 8" DIP | WATER | 635.83 | 636.54 TP | 3.17 |
| | | | PROPOSED | 21" RCP | STORM | 639.94 | 639.71 BP | |
| UC404 | 405+69.25 | 0.18' RT | PROPOSED | 8" DIP | WATER | 635.73 | 636.44 TP | 1.50 |
| | | | EXISTING | 8" PVC | SANITARY | 637.98 | 637.94 BP | |
| UC405 | 406+22.37 | 0.02' RT | PROPOSED | 12" RCP | STORM | 640.96 | 640.79 BP | 2.30 |
| | | | EXISTING | 8" PVC | SANITARY | 637.78 | 638.49 TP | |
| UC406 | 406+22.34 | 11.5' RT | PROPOSED | 12" RCP | STORM | 641.07 | 640.90 BP | 3.12 |
| | | | PROPOSED | 8" DIP | WATER | 637.07 | 637.78 TP | |
| UC407 | 407+55.17 | 0.26' RT | PROPOSED | 12" RCP | STORM | 639.10 | 638.93 BP | 1.30 |
| | | | EXISTING | 8" PVC | SANITARY | 636.92 | 637.63 TP | |
| UC408 | 407+55.18 | 11.25' RT | PROPOSED | 12" RCP | STORM | 639.21 | 639.04 BP | 2.47 |
| | | | PROPOSED | 8" DIP | WATER | 635.86 | 636.57 TP | |
| UC409 | 409+96.81 | 0.54' RT | PROPOSED | 12" RCP | STORM | 637.20 | 637.03 BP | 1.00 |
| | | | EXISTING | 8" PVC | SANITARY | 635.32 | 636.03 TP | |
| UC410 | 409+96.81 | 11.25' RT | PROPOSED | 12" RCP | STORM | 637.31 | 637.14 BP | 2.02 |
| | | | PROPOSED | 8" DIP | WATER | 634.41 | 635.12 TP | |
| UC411 | 410+71.76 | 19.76' LT | EXISTING | 2" | GAS | 637.73 | 637.69 BP | -0.18 |
| | | | PROPOSED | 12" RCP | STORM | 636.70 | 637.87 TP | |
| UC412 | 410+73.53 | 0.27' RT | PROPOSED | 12" RCP | STORM | 636.97 | 636.80 BP | 1.26 |
| | | | EXISTING | 8" PVC | SANITARY | 634.83 | 635.54 TP | |
| UC413 | 410+73.53 | 11.25' RT | PROPOSED | 12" RCP | STORM | 637.08 | 636.91 BP | 2.17 |
| | | | PROPOSED | 8" DIP | WATER | 634.03 | 634.74 TP | |
| UC414 | 412+74.51 | 13.78' LT | EXISTING | 2" | GAS | 640.61 | 640.57 BP | 2.36 |
| | | | PROPOSED | 8" DIP | WATER | 637.50 | 638.21 TP | |
| UC415 | 412+74.63 | 6.99' LT | PROPOSED | 8" DIP | WATER | 637.50 | 637.46 BP | 0.59 |
| | | | PROPOSED | 21" RCP | STORM | 634.89 | 636.87 TP | |
| UC416 | 412+74.68 | 0.43' LT | PROPOSED | 8" DIP | WATER | 637.50 | 637.46 BP | 3.32 |
| | | | EXISTING | 8" PVC | SANITARY | 633.43 | 634.14 TP | |
| UC417 | 412+89.06 | 0.53' RT | EXISTING | 2" | GAS | 640.71 | 640.67 BP | 2.31 |
| | | | PROPOSED | 8" DIP | WATER | 637.65 | 638.36 TP | |
| UC418 | 412+90.05 | 0.46' LT | PROPOSED | 8" DIP | WATER | 637.66 | 637.62 BP | 3.66 |
| | | | EXISTING | 8" PVC | SANITARY | 633.25 | 633.96 TP | |
| UC419 | 412+96.59 | 7.00' LT | PROPOSED | 8" DIP | WATER | 637.72 | 637.68 BP | 0.92 |
| | | | PROPOSED | 21" RCP | STORM | 634.78 | 636.76 TP | |

LEGEND: TP = TOP OF PIPE, BP = BOTTOM OF PIPE, DIP = DUCTILE IRON PIPE, WQRCP = WATER QUALITY REINFORCED CONCRETE PIPE, PVC = POLYVINYL CHLORIDE, STL = STEEL, PE = POLYETHYLENE

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
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USER NAME = cwbrown2
PLOT SCALE =
PLOT DATE = 3/13/2023

DESIGNED -
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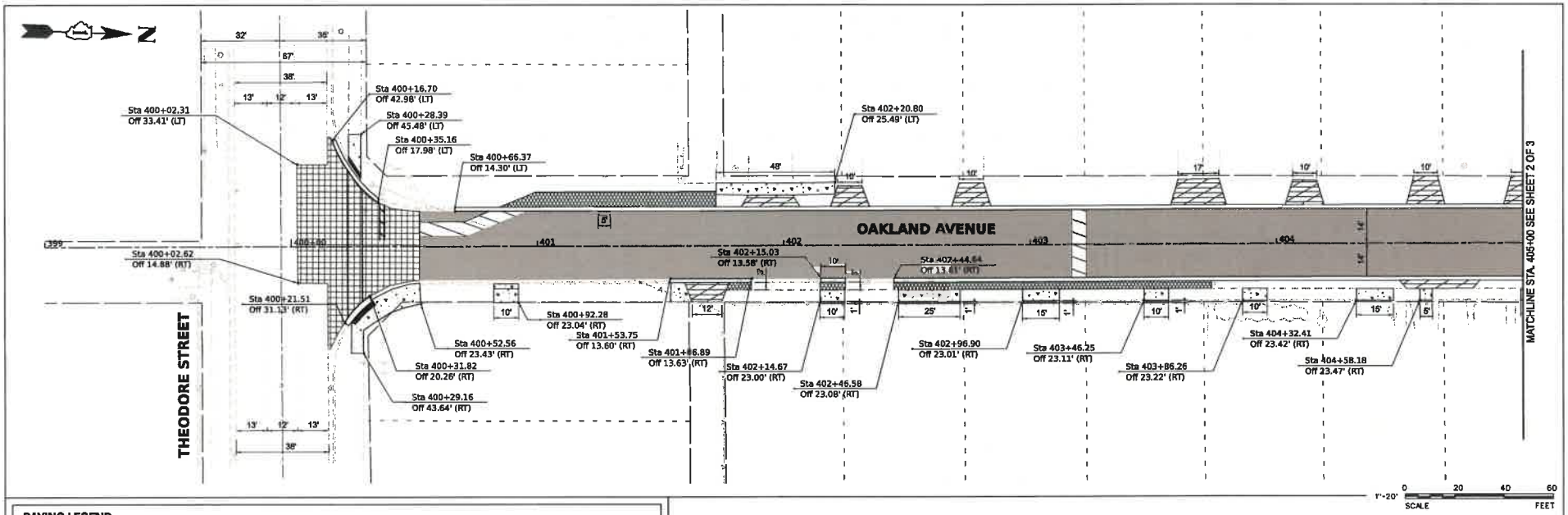
**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**UTILITY CROSSING CONFLICT CHART**
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 65 | 22 |

PROJECT NO. 230852

MODEL: Default
FILE NAME: N:\projects\2023\230852\engineering\CAD\Sheets\Utility Crossing Conflict Chart.dgn




## PAVING LEGEND

- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 1.5"
  POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 1"
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 1.5"
  POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 1"
  CLASS D PATCHES - 5"
  AGGREGATE BASE COURSE, TYPE B, 10"
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 2"
  HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 - 2"
  AGGREGATE BASE COURSE, TYPE B, 10"
- PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
  AGGREGATE BASE COURSE, TYPE B, 10"
- PORTLAND CEMENT CONCRETE SIDEWALK
  REMOVAL & REPLACEMENT, 5"
  AGGREGATE BASE COURSE, TY B, 4"
- PORTLAND CEMENT CONCRETE (HI-EARLY) DRIVEWAY
  PAVEMENT REMOVAL & REPLACEMENT, 6"
  AGGREGATE BASE COURSE, TY B, 4"

MODEL: Default
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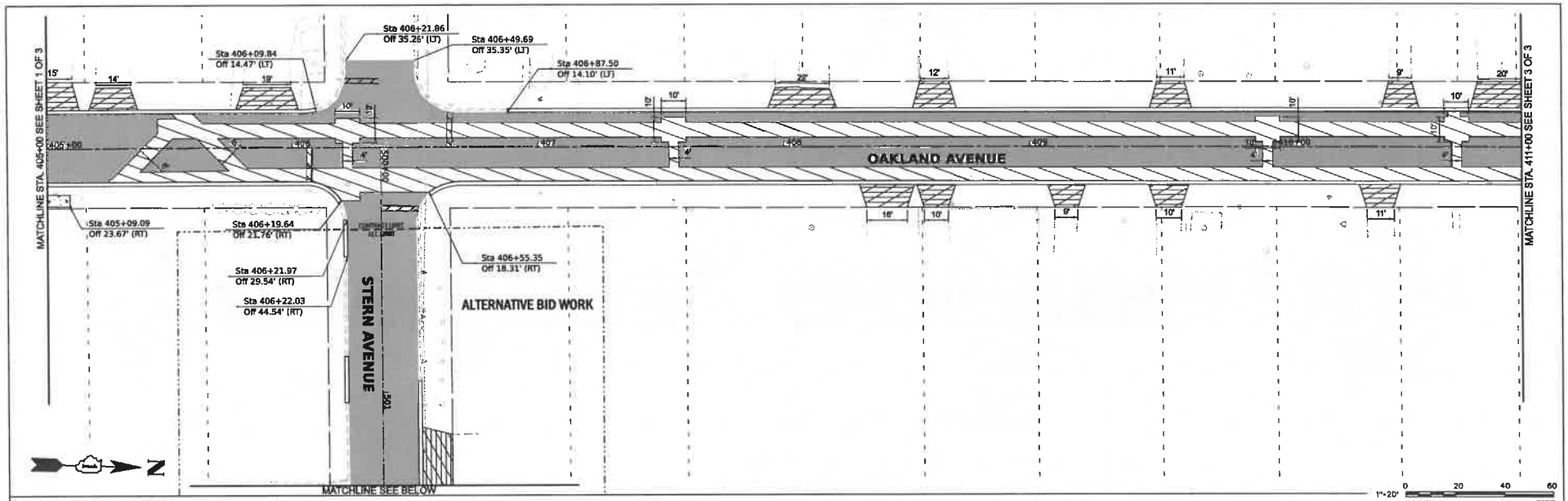
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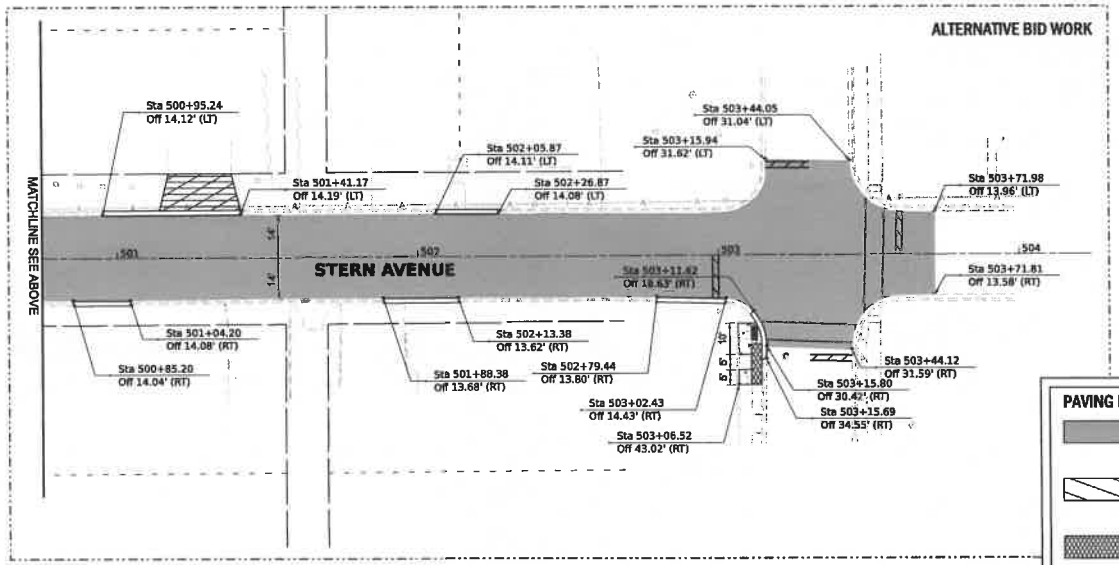
**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**RESTORATION PLAN**
SCALE: 1"=20' | SHEET 1 OF 3 SHEETS | STA. 399+00.00 TO STA. 405+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 23 |

PROJECT NO. 230662




## PAVING LEGEND

- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 1.5"
  POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 1"
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 1.5"
  POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 1"
  CLASS D PATCHES - 5"
  AGGREGATE BASE COURSE, TYPE B, 10"
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 2"
  HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 - 2"
  AGGREGATE BASE COURSE, TYPE B, 10"
- PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
  AGGREGATE BASE COURSE, TYPE B, 10"
- PORTLAND CEMENT CONCRETE SIDEWALK
  REMOVAL & REPLACEMENT, 5"
  AGGREGATE BASE COURSE, TY B, 4"
- PORTLAND CEMENT CONCRETE (HI-EARLY) DRIVEWAY
  PAVEMENT REMOVAL & REPLACEMENT, 8"
  AGGREGATE BASE COURSE, TY B, 4"

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

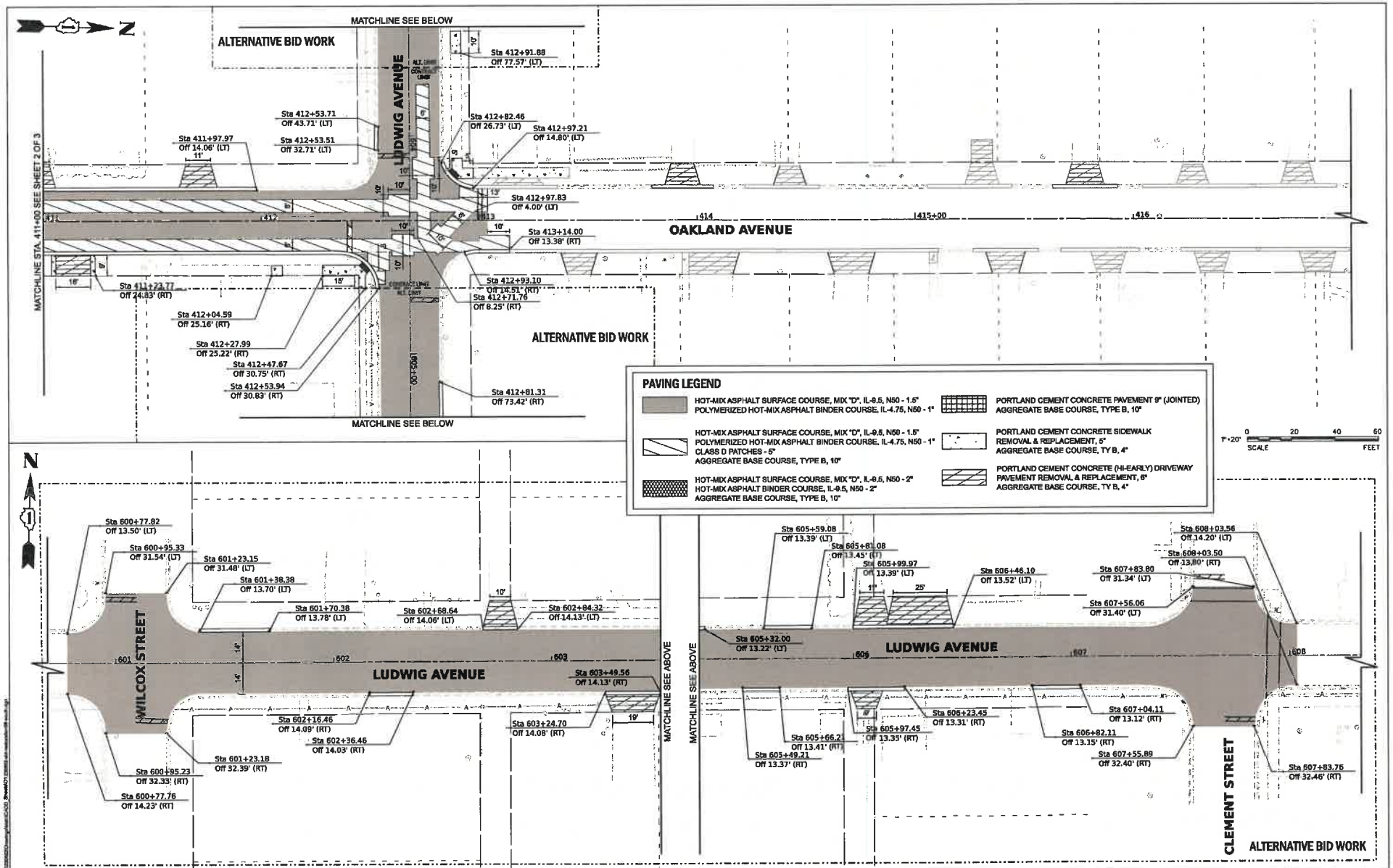
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| USER NAME = | DESIGNED - | REVISED - | REVISED - | |
| | DRAWN - | REVISED - | REVISED - | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | |
| PLOT DATE = 3/12/2026 | DATE - | REVISED - | REVISED - | |

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**RESTORATION PLAN**
SCALE: 1"=20' | SHEET 2 OF 3 SHEETS | STA. 405+00.00 TO STA. 411+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 24 |

PROJECT NO. 230652




V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 Phone
630.724.9202 Fax
www.v3co.com

| | | | |
|---|---|---|---|
| USER NAME = cmeverka | DESIGNED - | REVISED - | REVISED - |
| | DRAWN - | REVISED - | REVISED - |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - |
| PLOT DATE = 3/12/2026 | DATE - | REVISED - | REVISED - |

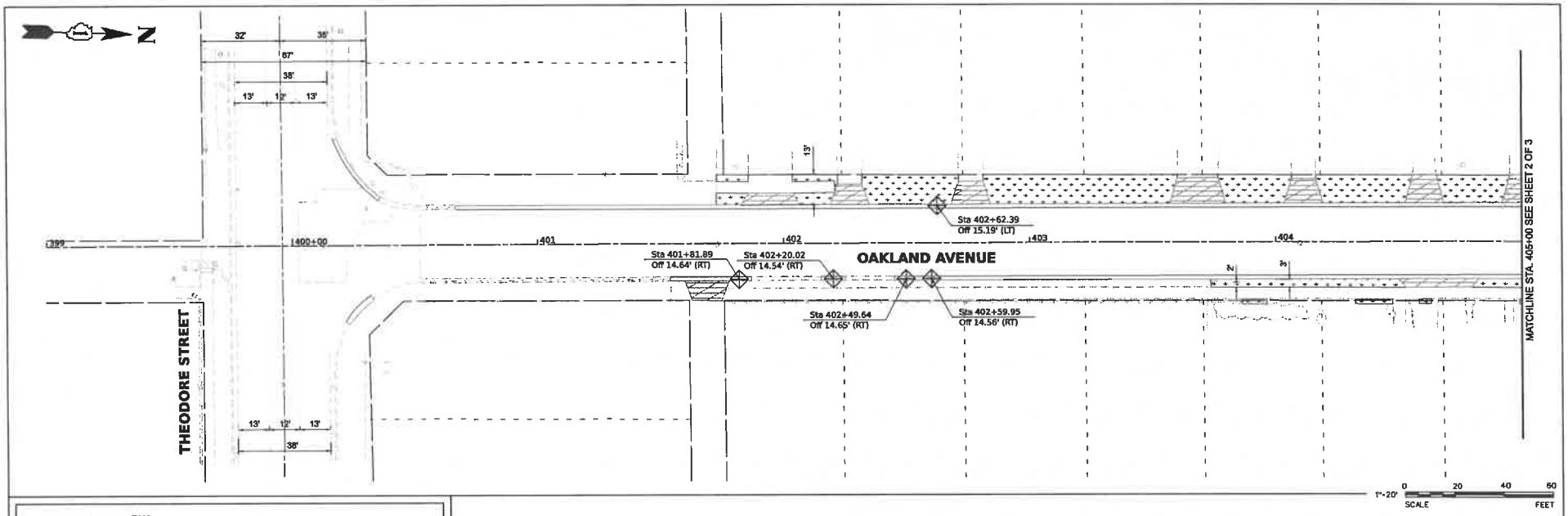
**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**RESTORATION PLAN**

SCALE: 1"=20' | SHEET 3 OF 3 SHEETS | STA. 411+00.00 | TO STA. 417+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 25 |

PROJECT NO. 230652




## LANDSCAPING LEGEND

SOD RESTORATION **
FURNISH AND PLACE TOPSOIL, 4"

INLET FILTER BASKET

** SOD RESTORATION SHALL BE MAX 6' BEHIND BACK OF CURB AND 4' MAX NEXT TO SIDEWALKS AND DRIVEWAYS
FURNISH AND PLACE TOPSOIL, 4"

MODEL: Default
FILENAME: [illegible]

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

| | | | |
|---|---|---|---|
| USER NAME = cwescott | DESIGNED - | REVISED - | REVISED - |
| | DRAWN - | REVISED - | REVISED - |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - |
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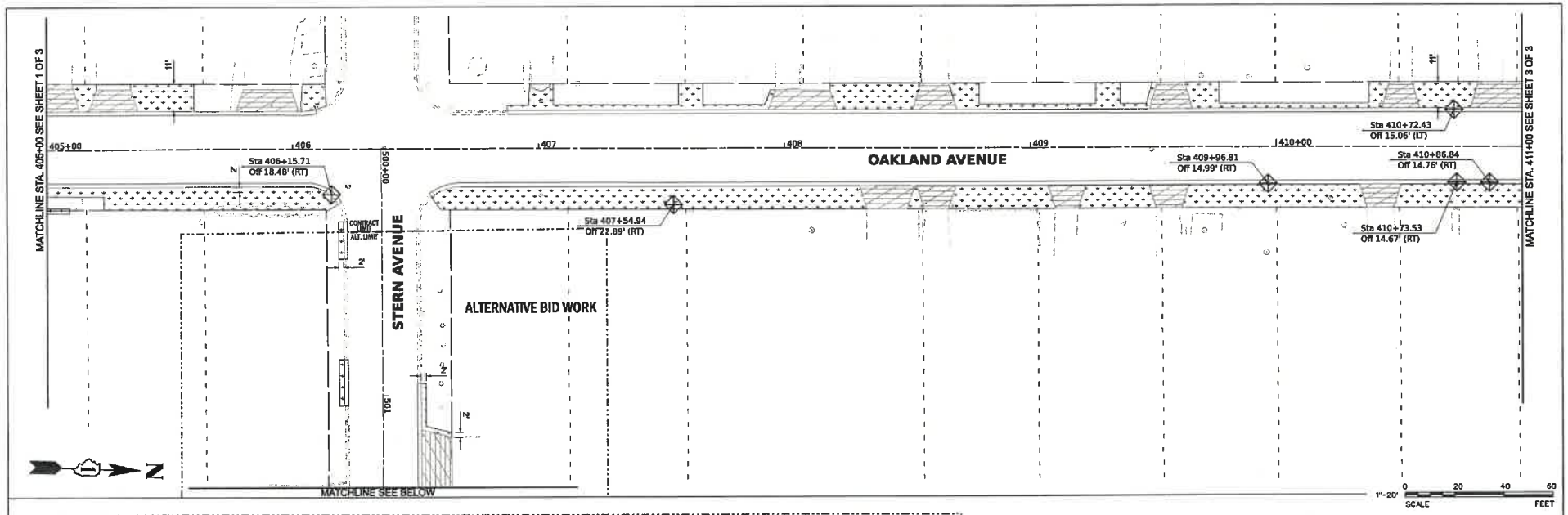
**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

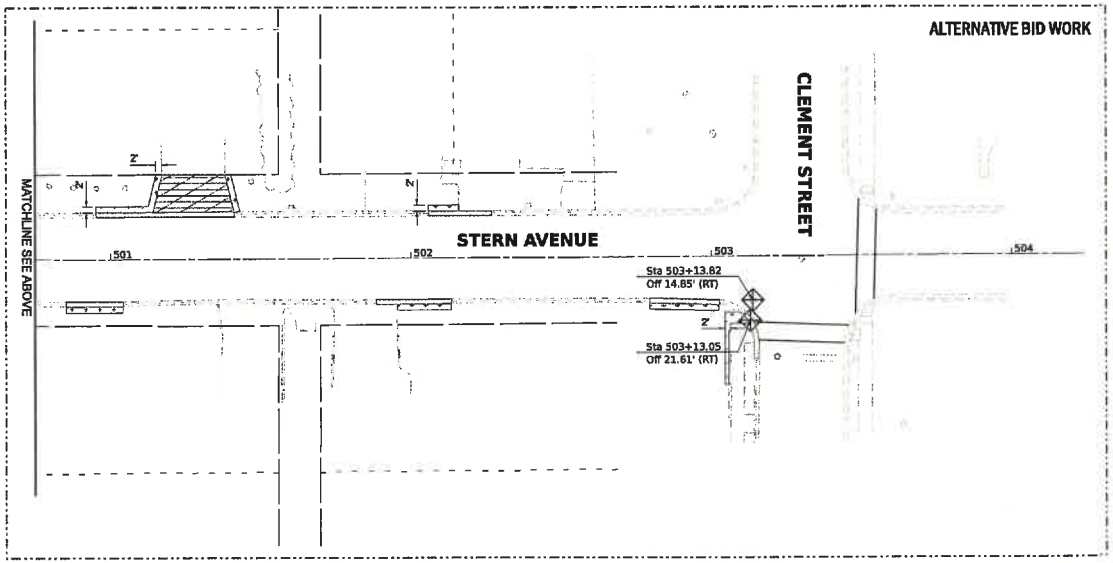
**EROSION CONTROL PLAN**

SCALE: 1"=20' | SHEET 1 OF 3 SHEETS | STA. 399+00.00 TO STA. 405+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 26 |

PROJECT NO. 230652







## LANDSCAPING LEGEND

SOD RESTORATION **
FURNISH AND PLACE TOPSOIL, 4"

INLET FILTER BASKET

** SOD RESTORATION SHALL BE MAX 8' BEHIND BACK OF CURB AND 4' MAX NEXT TO SIDEWALKS AND DRIVEWAYS
FURNISH AND PLACE TOPSOIL, 4"


V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com


| | | | |
|---|---|---|---|
| USER NAME = cmeverton | DESIGNED - | REVISED - | REVISED - |
| | DRAWN - | REVISED - | REVISED - |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - |
| PLOT DATE = 3/12/2026 | DATE - | REVISED - | REVISED - |

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

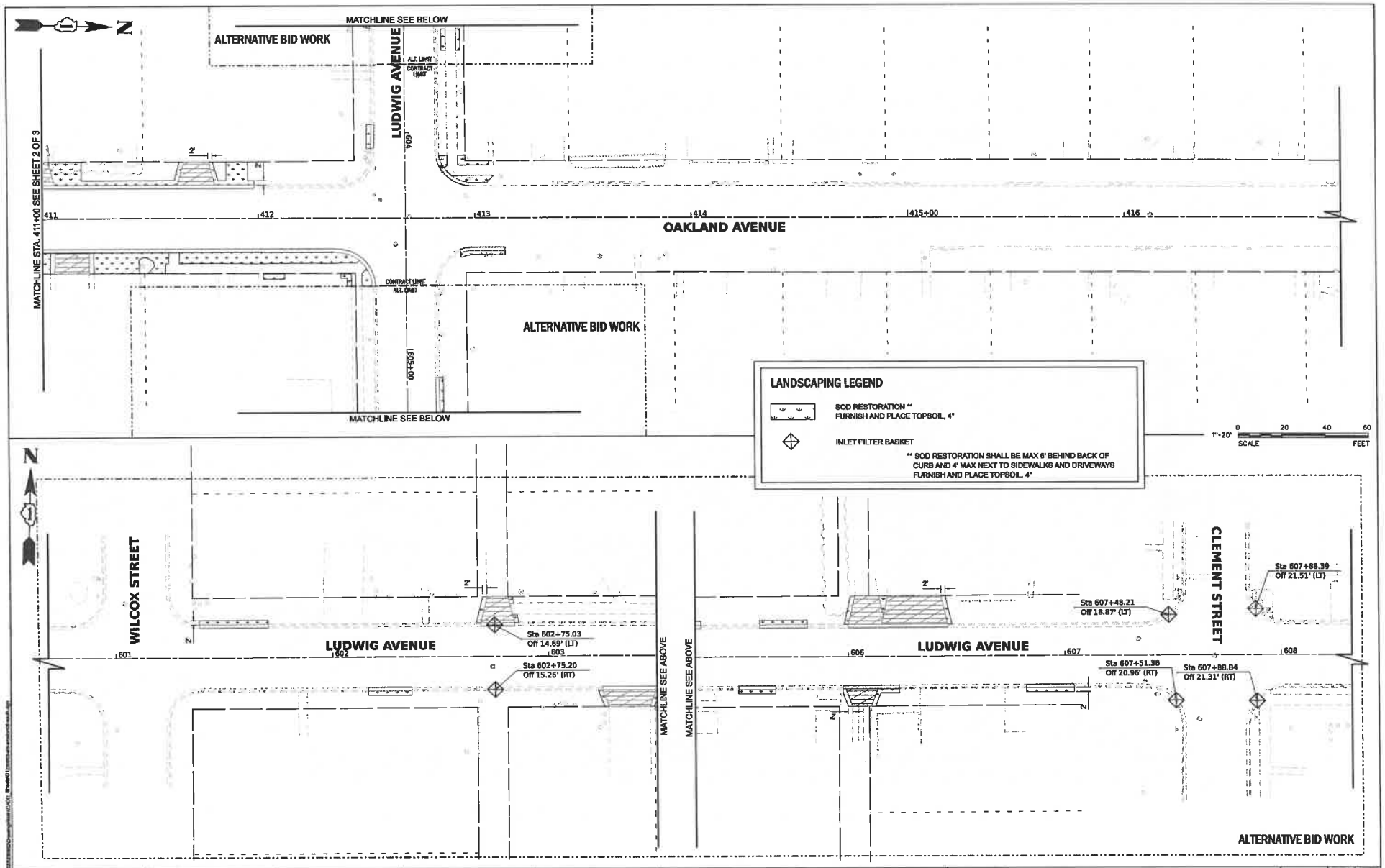
**EROSION CONTROL PLAN**

SCALE: 1"=20' | SHEET 2 OF 3 SHEETS | STA. 406+00.00 TO STA. 411+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 27 |

PROJECT NO. 230652

MODEL: Default
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V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

| | | | | | |
|---|---|---|---|---|---|
| USER NAME = cwescovich | DESIGNED - | REVISED - | REVISED - | | |
| | DRAWN - | REVISED - | REVISED - | | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | | |
| PLOT DATE = 3/13/2026 | DATE - | REVISED - | REVISED - | | |

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**EROSION CONTROL PLAN**

SCALE: 1"=20' | SHEET 3 OF 3 SHEETS | STA. 411+00.00 | TO STA. 417+00.00

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 65 | 28 |

PROJECT NO. 230652

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FILE NAME: h:\projects\230652\Drawings\Master\Design\D1230652-X0.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = cmoore
PLOT SCALE = 1
PLOT DATE = 3/3/2023

| | DESIGNED | - | REVISED | - | REVISED | - |
|---|---|---|---|---|---|---|
| | DRAWN | - | REVISED | - | REVISED | - |
| DATE | CHECKED | - | REVISED | - | REVISED | - |
| - | | | REVISED | - | REVISED | - |

CHEST HILL

# WATER MAIN REPLACEMENT
# OAKLAND AVENUE

ILLINOIS

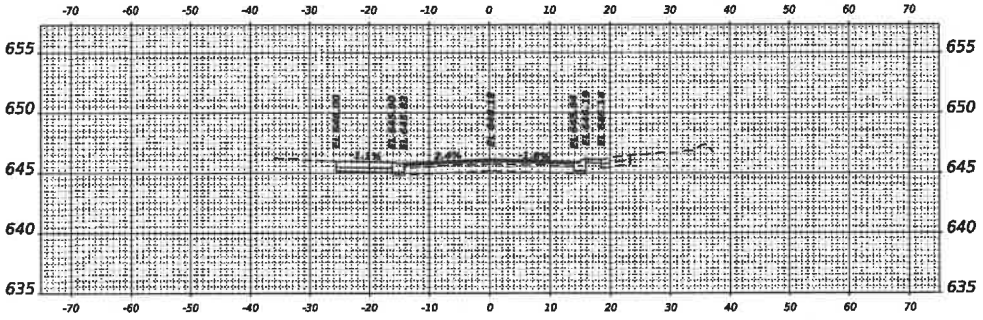
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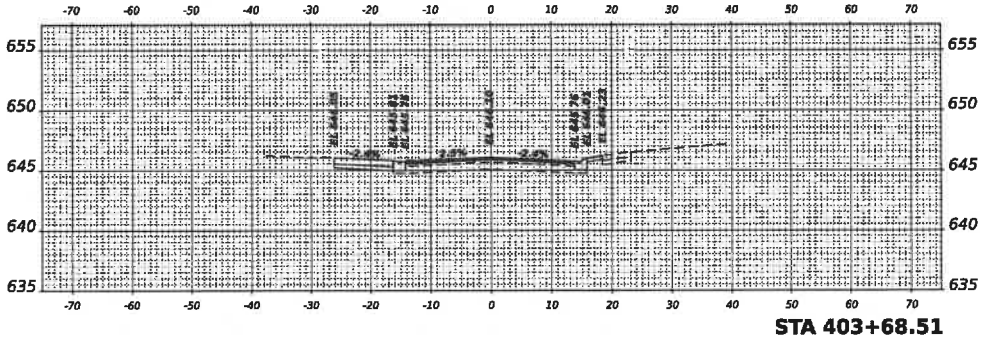
| SHEET | 1 | OF | 6 | SHEETS |
|---|---|---|---|---|

STA. 400+00.00 TO STA. 404+00.00

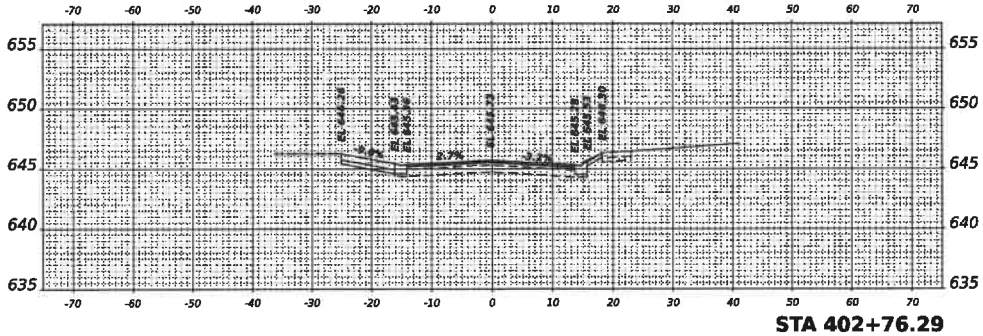
| PROJECT NO. 230652 | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| | WILL | 66 | 28 |



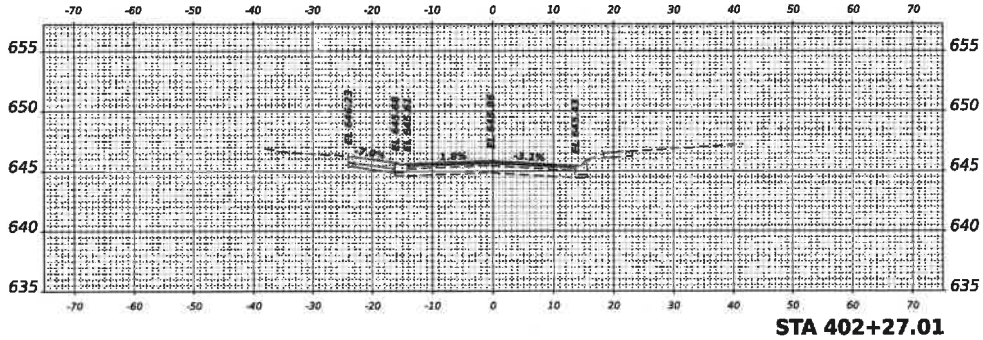

STA 404+11.57



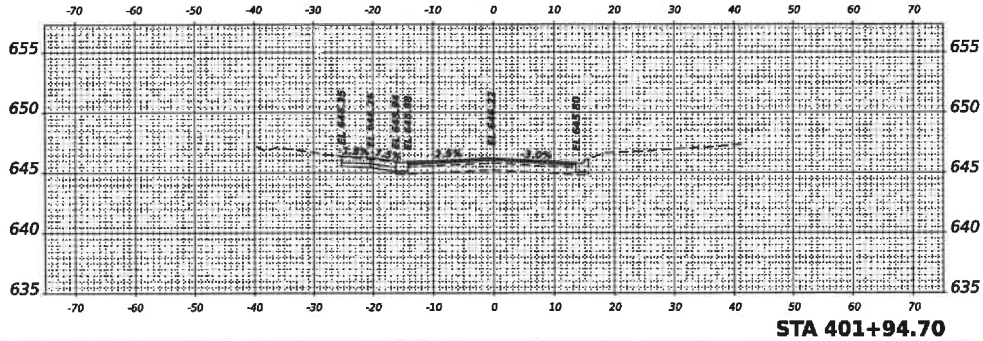

STA 403+68.51




STA 402+76.29

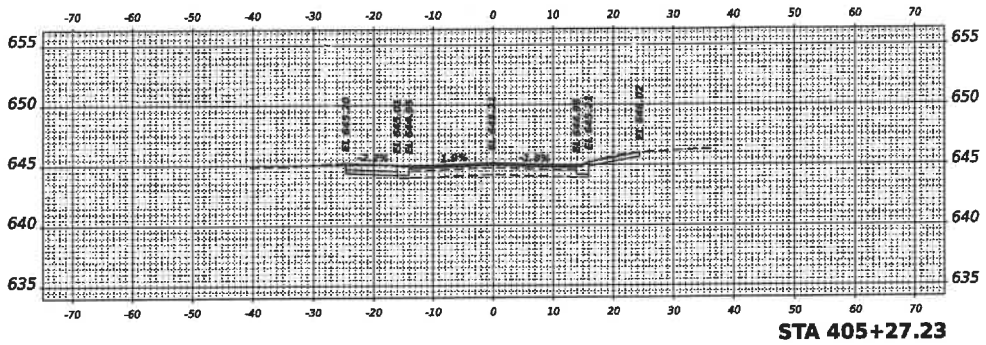



STA 402+27.01

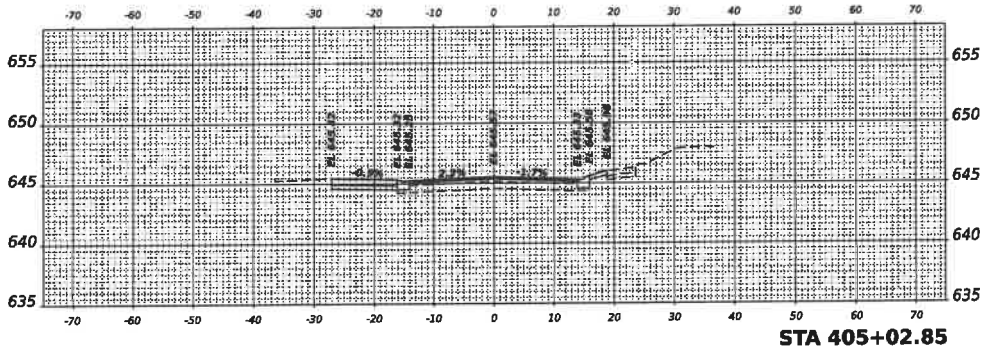



STA 401+94.70

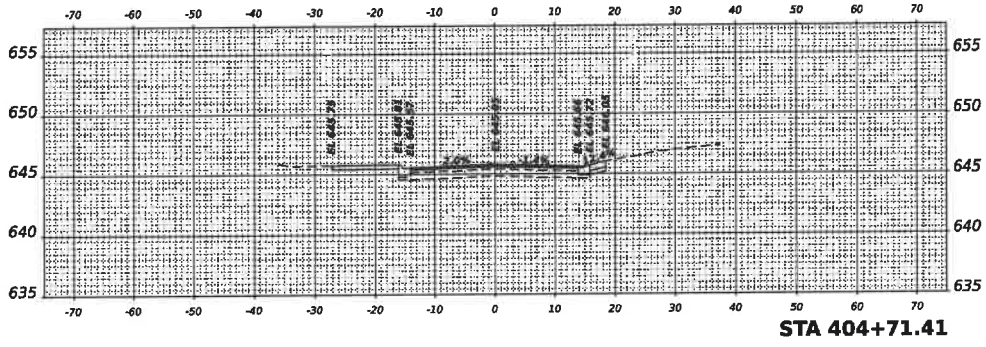
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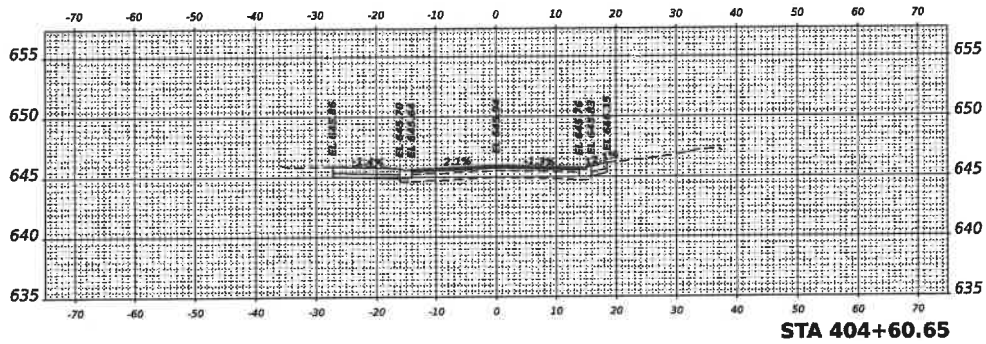

**STA 405+27.23**



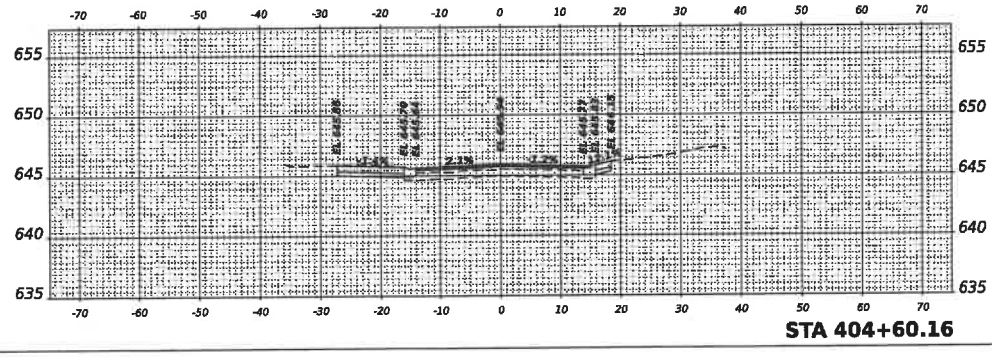

**STA 405+02.85**




**STA 404+71.41**




**STA 404+60.65**




**STA 404+60.16**


V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 Phone
630.724.9202 Fax
www.v3co.com


USER NAME = ssssssss
PLOT SCALE = 1
PLOT DATE = 3/7/2023

| | DESIGNED | - | |
|---|---|---|---|
| | DRAWN | - | |
| | CHECKED | - | |
| DATE | - | | |

| REVISED | - | | |
|---|---|---|---|
| REVISED | - | | |
| REVISED | - | | |
| REVISED | - | | |

| REVISED | - | | |
|---|---|---|---|
| REVISED | - | | |
| REVISED | - | | |
| REVISED | - | | |

CREST HILL
ILLINOIS

# WATER MAIN REPLACEMENT
# OAKLAND AVENUE

SCALE: 1"=10'

## CROSS SECTIONS

| SHEET | 3 | OF | 5 | SHEETS | STA. 404+50.00 | TO STA. 405+50.00 |
|---|---|---|---|---|---|---|

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 30 |

PROJECT NO. 230652

MODEL: OAKLAND-1-3
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V3 Companies
7325 Janes Avenue
Woodridge, Illinois 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = cmcconnell
PLOT SCALE = 1
PLOT DATE = 3/19/2026

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| DESIGNED | - | |
| DRAWN | - | |
| CHECKED | - | |
| DATE | | |

| | | |
|---|---|---|
| REVISED | - | |
| REVISED | - | |
| REVISED | - | |
| REVISED | - | |

| | | |
|---|---|---|
| REVISED | - | |
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| REVISED | - | |
| REVISED | - | |

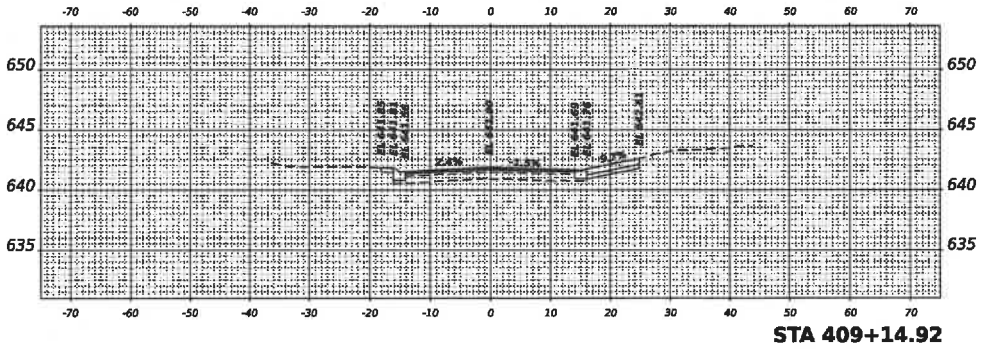
CREST HILL
ILLINOIS

# WATER MAIN REPLACEMENT
# OAKLAND AVENUE

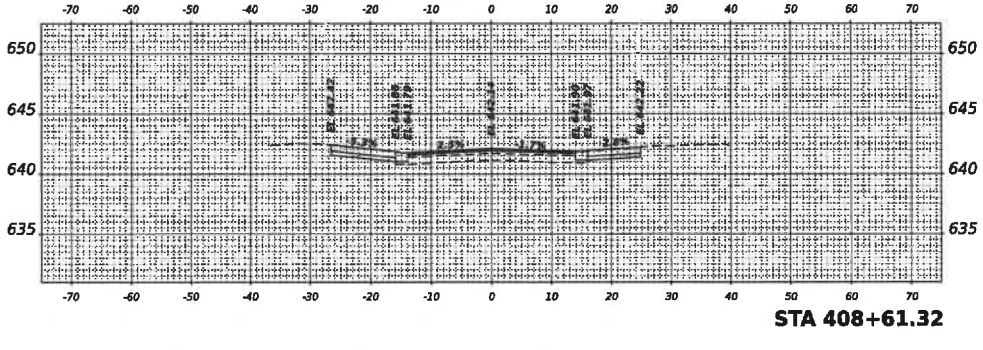
## CROSS SECTIONS

SCALE: 1"=10'
SHEET 3 OF 8 SHEETS
STA. 409+60.00 TO STA. 408+60.00

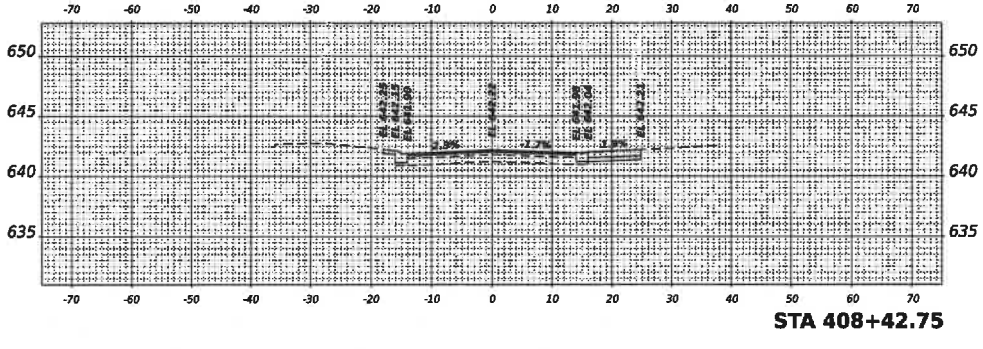
COUNTY: WILL
TOTAL SHEET NO. 55
SHEET NO. 31
PROJECT NO. 230652



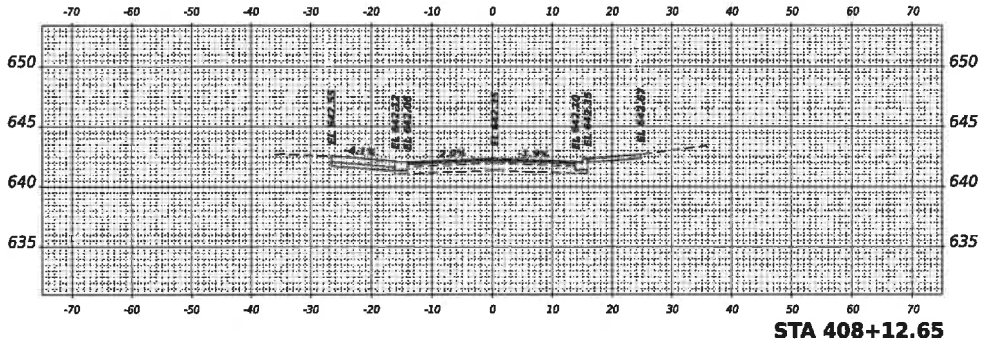

STA 409+14.92



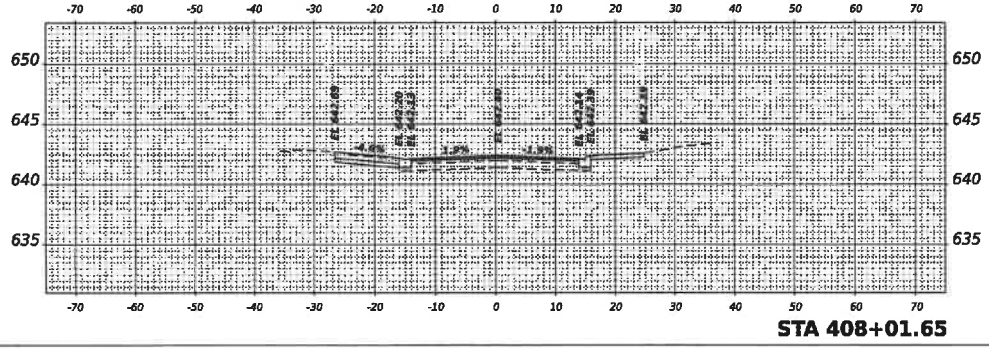

STA 408+61.32




STA 408+42.75

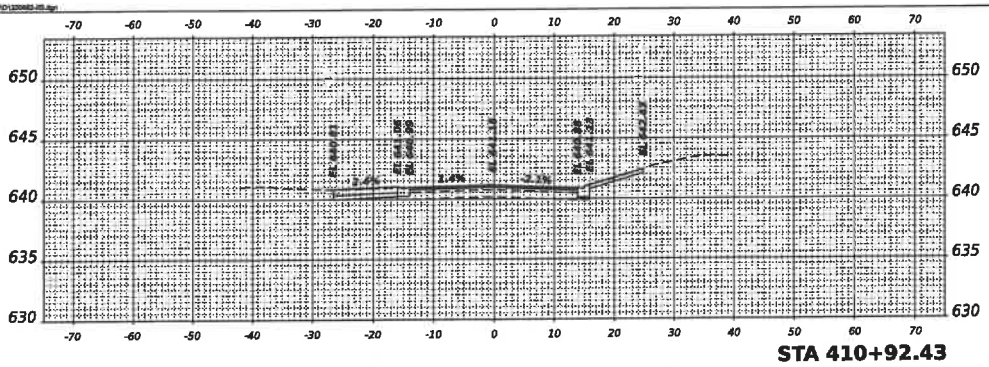


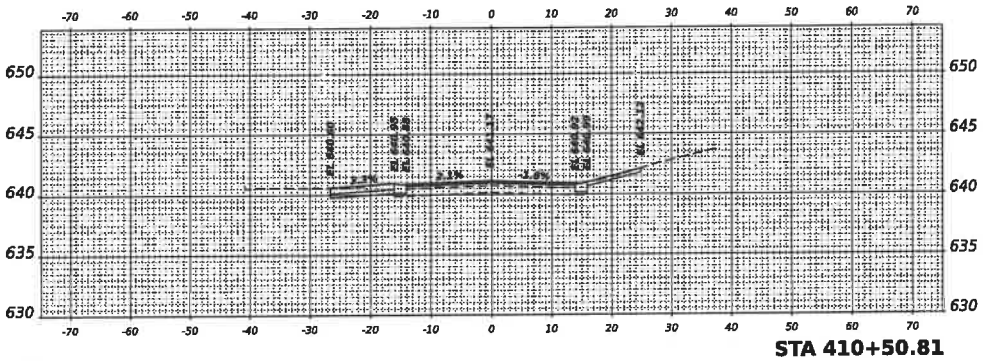

STA 408+12.65

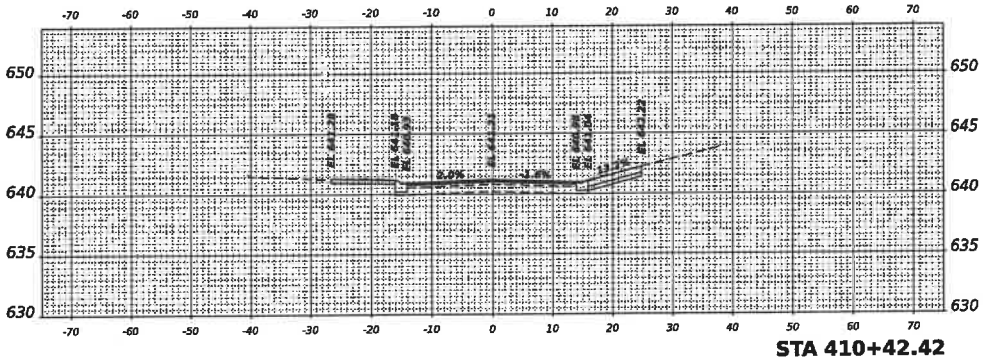


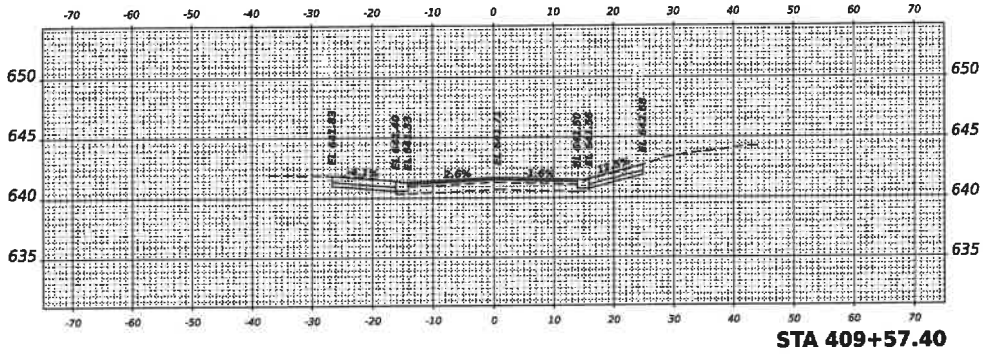

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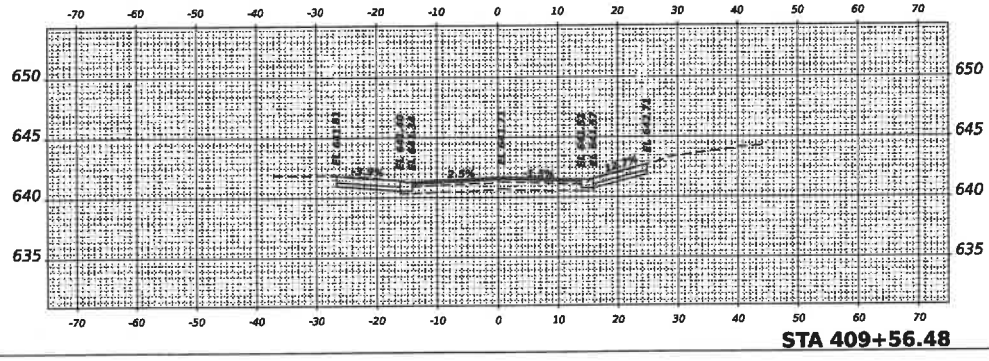
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WATER MAIN REPLACEMENT
OAKLAND AVENUE

CREST HILL

ILLINOIS

CROSS SECTIONS

SCALE: 1"=10'

SHEET 4 OF 5 SHEETS

STA. 409+50.00 TO STA. 100+00.00

PROJECT NO. 230562

COUNTY WILL

TOTAL SHEETS NO. 55

SHEET NO. 32

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

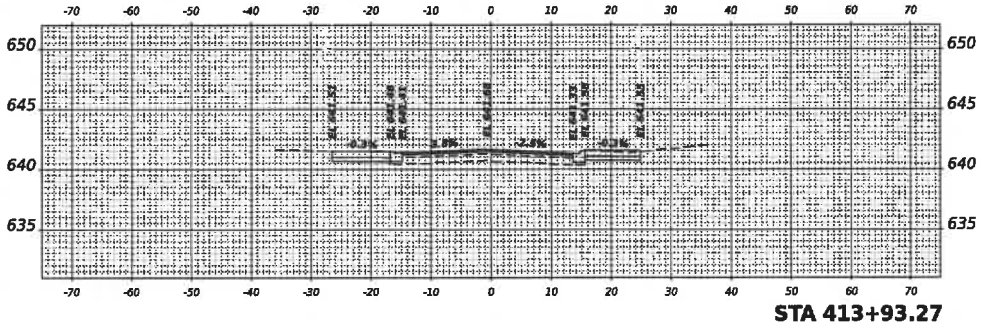
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| PLOT SCALE = | |
| PLOT DATE = | 3/13/2026 |

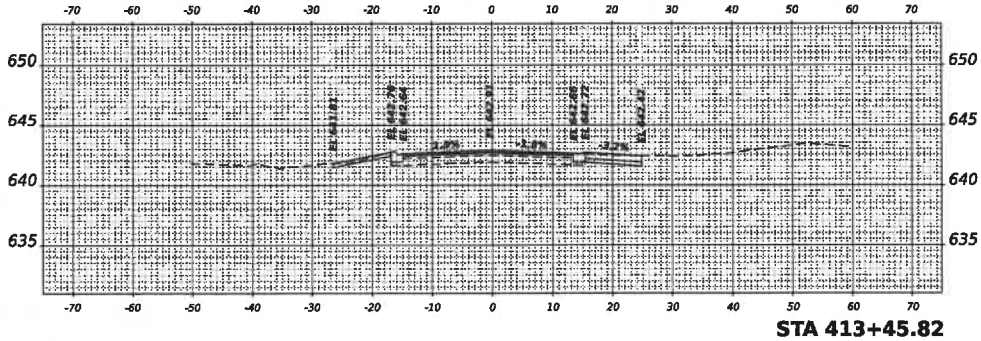
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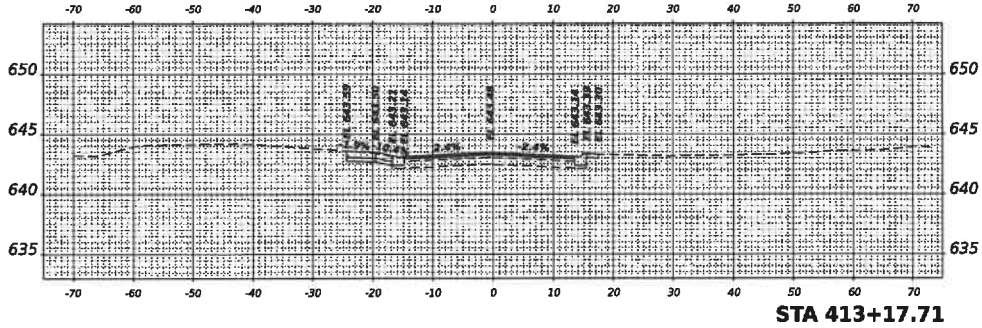
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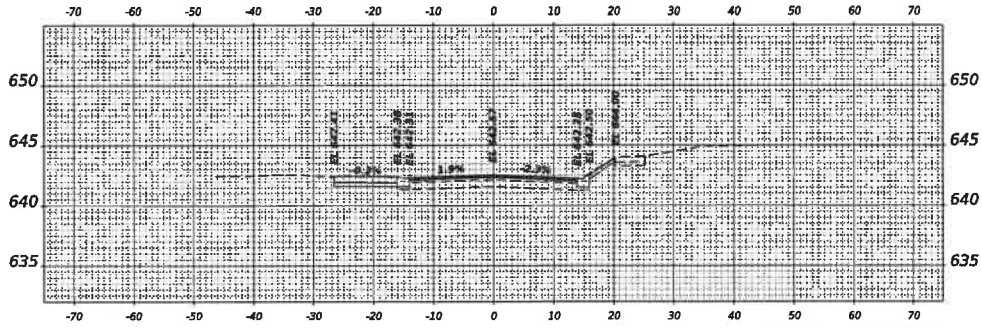
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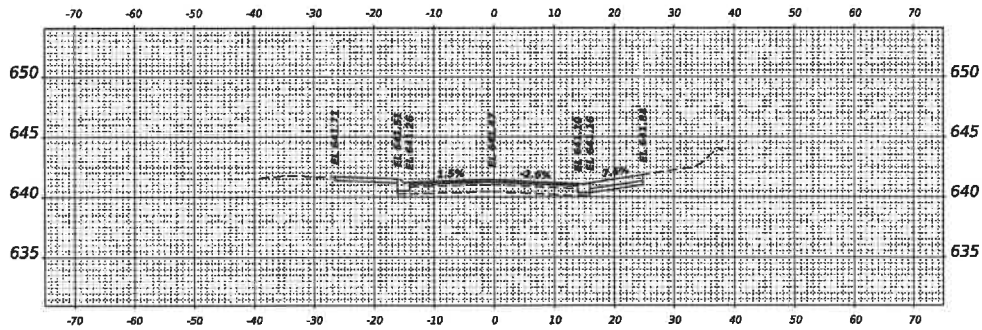
MODEL: OAKLAND-1-8
FILE NAME:




V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = dmeissner
PLOT SCALE = 1
PLOT DATE = 9/3/2009

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

REVISED -
REVISED -
REVISED -
REVISED -

CHESTY HILL

# WATER MAIN REPLACEMENT
# OAKLAND AVENUE

ILLINOIS

SCALE: 1"=10'

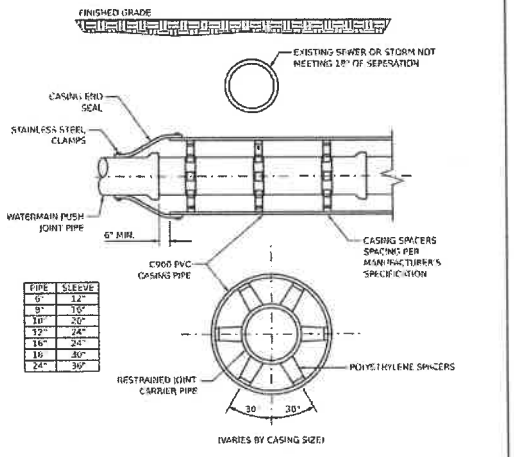
SHEET 6 OF 8 SHEETS

STA. 411+00.00 TO STA. 414+00.00

## CROSS SECTIONS

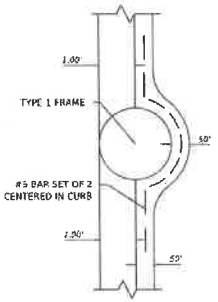
| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 66 | 35 |

PROJECT NO. 230652



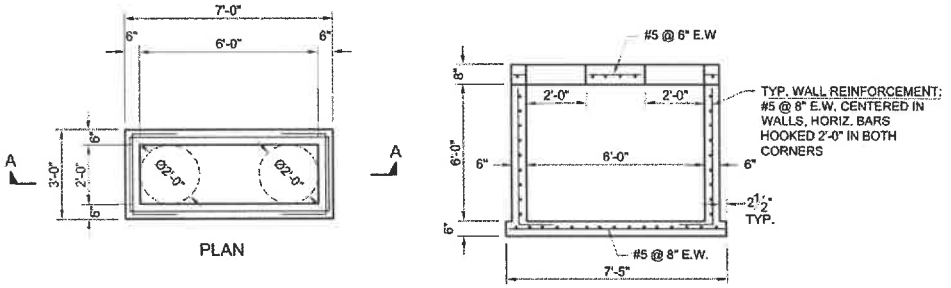

## CASING SPACERS

NOTES:
1. CASING PIPE SHALL EXTEND 10' IN EITHER DIRECTION OF THE CONFLICTING PIPE.
2. REFERENCE THE CITY OF CREST HILL WATERMAIN LOWERING DETAIL FOR MORE INFORMATION.

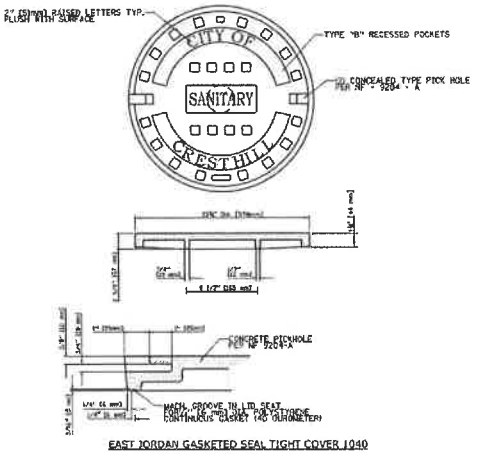



## CURB WITH TYPE 1 FRAME AND GRATE

NOTES:
1. CONCRETE TO MEET OR EXCEED 5000 PSI AT 28 DAYS.
2. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-31, M-53. GRADE 60.

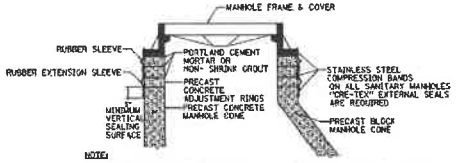



## CATCH BASIN (SPECIAL)




EAST JORDAN GASKETED SEAL TIGHT COVER 1040

## SANITARY MANHOLE SELF-SEALING LID




NOTE:
MANHOLE FRAME - CHIMNEY SEAL SHALL BE INSTALLED ON SANITARY MANHOLES. THE SEAL AND SEAL EXTENSIONS SHALL BE AS MANUFACTURED BY CRETEX SPECIALTY PRODUCTS. THE SLEEVES AND EXTENSIONS SHALL HAVE A MINIMUM THICKNESS OF ¼ INCHES AND SHALL BE EXTRUDED OR MOLDED FROM A HIGH-GRADE RUBBER COMPOUND CONFORMING TO THE APPLICABLE REQUIREMENTS OF ASTM C923, WITH A MINIMUM 1500 PSI TENSILE STRENGTH, MAXIMUM 18% COMPRESSION SET AND A HARDNESS (DUROMETER) OF 40±5. THE BANDS USED FOR COMPRESSING THE SLEEVE AND EXTENSION AGAINST THE MANHOLE SHALL BE FABRICATED FROM 16 GAUGE STAINLESS STEEL CONFORMING TO ASTM C-923 TYPE 304, ANY SCREW BOLTS OR NUTS USED ON THIS BAND SHALL BE STAINLESS STEEL CONFORMING TO ASTM F593 AND 594, TYPE 304. DETAILED INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ALL COSTS FOR THE FURNISHING AND INSTALLATION OF THE INTERNAL RUBBER SEAL AND EXTENSION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SANITARY MANHOLES. NO INTERNAL CHIMNEY SEALS PERMITTED.

### PRECAST MANHOLE WITH EXTERNAL SEAL

1) THE RUBBER SLEEVE IS AVAILABLE IN A 9" HEIGHT (STANDARD).

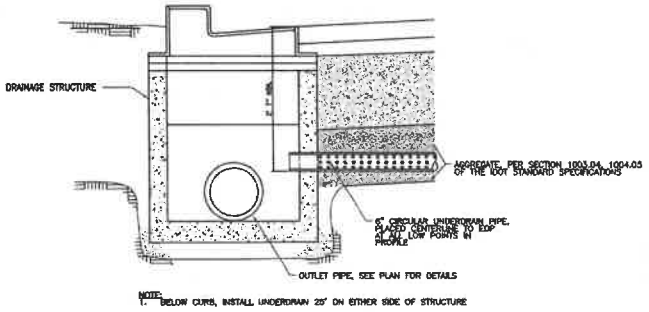
2) SEE THE CHIMNEY HEIGHT TABLE BELOW FOR SEAL AND EXTENSION COMBINATIONS NEEDED TO SPAN FROM THE FRAME TO THE TOP OF THE CONE ON MANHOLES WITH VARIOUS CHIMNEY HEIGHTS. FRAME OFFSETS OR DIAMETER DIFFERENCES WILL REDUCE THESE SPAN HEIGHTS.

3) THE TOP OF THE CONE SHALL HAVE A MINIMUM OF 3" HIGH VERTICAL SEALING SURFACE THAT IS SMOOTH AND FREE OF ANY FORM OFFSETS OR EXCESSIVE HONEYCOMB.

### CHIMNEY HEIGHT TABLE

| COMBINATIONS OF SEALS AND EXTENSIONS | TO SPAN HEIGHTS OF: |
|---|---|
| STANDARD 9" ONLY | OVER 7" - 6.5" |
| STANDARD SEAL + EXTENSION | OVER 6.5" - 13.5" |
| STANDARD SEAL + MULTI EXTENSIONSOVER 13.5" | |
| ADD 7" OF COVERAGE FOR EACH ADDITIONAL EXTENSION. | |

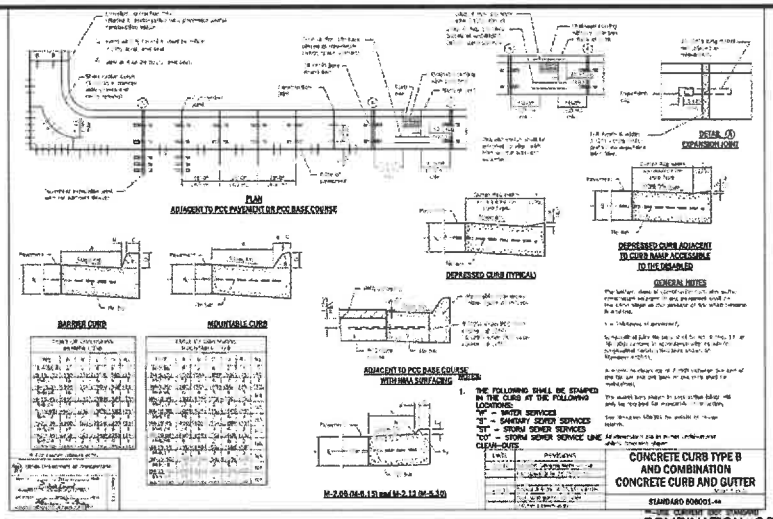
## SANITARY SEWER EXTERNAL CHIMNEY SEAL

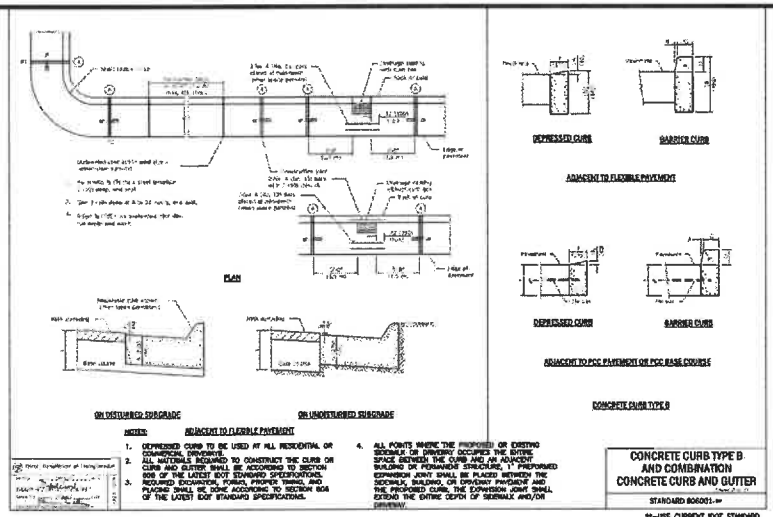



NOTE:
1. BELOW CURB, INSTALL UNDERDRAIN 25' ON EITHER SIDE OF STRUCTURE

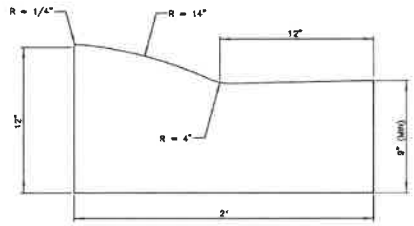
## UNDERDRAIN CONNECTION TO STRUCTURE AT LOW POINTS FOR ALL COLLECTOR AND RESIDENTIAL STREETS

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| USERNAME = | DESIGNED - | REVISED - | REVISED - | WATER MAIN REPLACEMENT OAKLAND AVENUE | DETAILS | COUNTY | TOTAL SHEETS | SHEET NO. |
| | DRAWN - | REVISED - | REVISED - | | | WILL | 55 | 34 |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | | | PROJECT NO. 230652 | | |
| PLOT DATE = 2/7/2024 | DATE - | REVISED - | REVISED - | CREST HILL ILLINOIS | SCALE: SHEET 1 OF 22 SHEETS STA TO STA | | | |

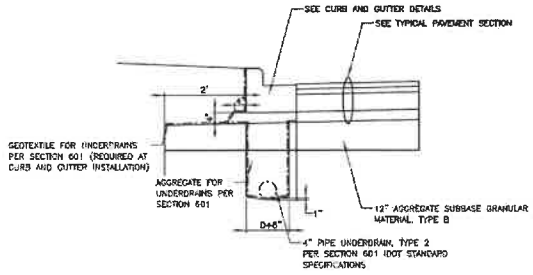


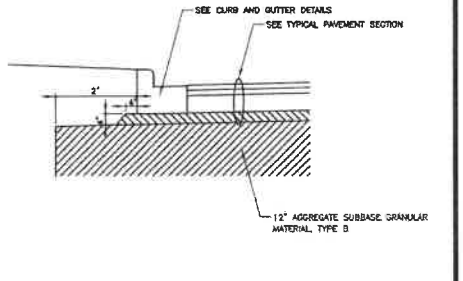

COMBINATION CONCRETE CURB AND GUTTER




COMBINATION CONCRETE CURB AND GUTTER (ROLLED CURB)




CONCRETE CURB AND GUTTER SECTION FOR HMA PAVEMENT WITH UNDERDRAIN FOR ALL MAJOR AND MINOR ARTERIALS




CONCRETE CURB AND GUTTER SECTION FOR HMA PAVEMENT WITHOUT UNDERDRAIN

CLIENT: City of CREST HILL Illinois
**CITY OF CREST HILL**
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | DSGN. | |
|---|---|---|---|---|
| | | | DWN. | |
| | | | CHKD. | |
| | | | SCALE: | |
| | | | PLOT DATE: | 10/11/2024 |
| | | | CAD USER: | jpeterson |
| | | | CHKD. MODEL: | Default |

FILE NAME: N:\CREST HILL\230652\Civil\Plan Plates\details.dgn

TITLE:
**CITY OF CREST HILL PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS**

PROJ. NO.
DATE: 10/11/2024
SHEET OF
DRAWING NO. PVT-2


V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 Tel
630.724.9202 Fax
www.v3co.com


| USERNAME = rwenzel | DESIGNED - | REVISED - | REVISED - |
|---|---|---|---|
| | DRAWN - | REVISED - | REVISED - |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - |
| PLOT DATE = 10/11/2024 | DATE - | REVISED - | REVISED - |

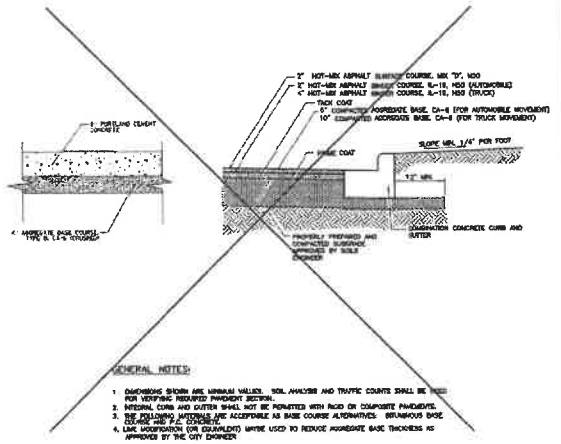
WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

DETAILS
SCALE: SHEET 2 OF 22 SHEETS STA: TO STA.

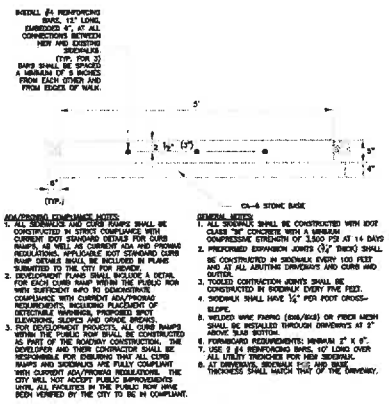
| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 35 |

PROJECT NO. 230652

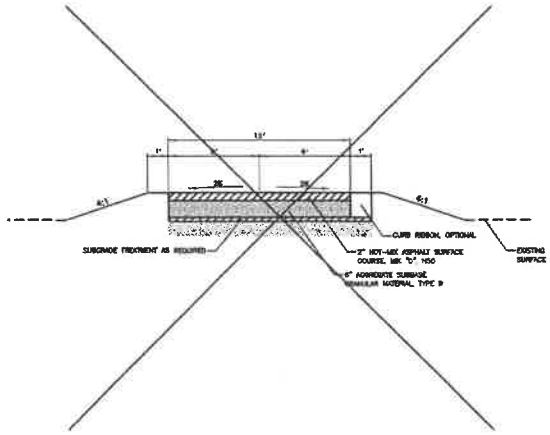
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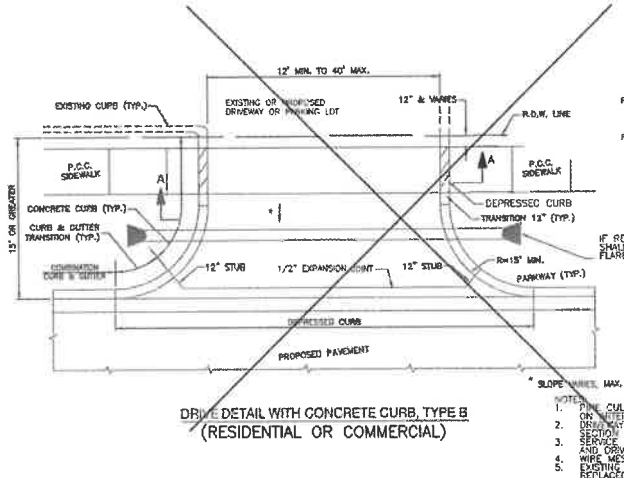

TYPICAL PARKING LOT PAVEMENT



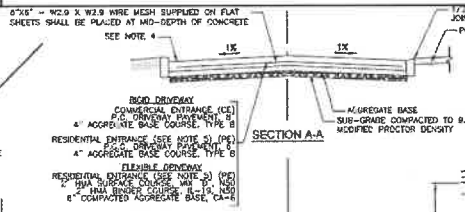

SIDEWALK

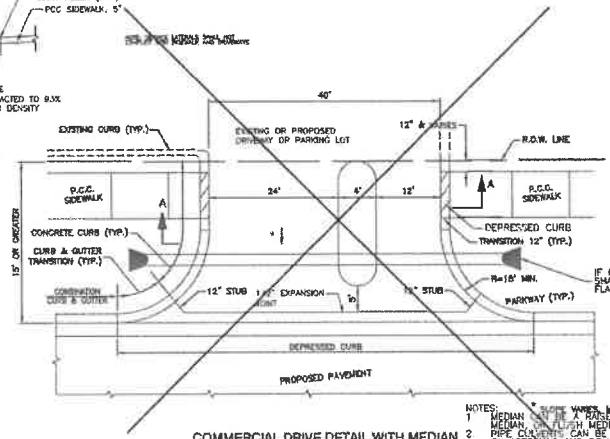



MULTI-USE PATH




DRIVE DETAIL WITH CONCRETE CURB, TYPE B
(RESIDENTIAL OR COMMERCIAL)




COMMERCIAL DRIVE DETAIL WITH MEDIAN

CLIENT:
City of Crest Hill Illinois
**CITY OF CREST HILL**
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | DSGN. | DWN. | CHKD. | SCALE: | PLOT DATE: 10/11/2024 | CAD USER: | CHKD. MODEL: Default |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |

FILE NAME: N:\CREST HILL\...\PVT-3.dgn

TITLE:
**CITY OF CREST HILL**
**PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS**

PROJ. NO.
DATE: 10/11/2024
SHEET OF
DRAWING NO. PVT-3

| | | | | |
|---|---|---|---|---|
| USER NAME = hwagner | DESIGNED - | REVISED - | REVISED - | |
| | DRAWN - | REVISED - | REVISED - | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | |
| PLOT DATE = 3/1/2024 | DATE - | REVISED - | REVISED - | |

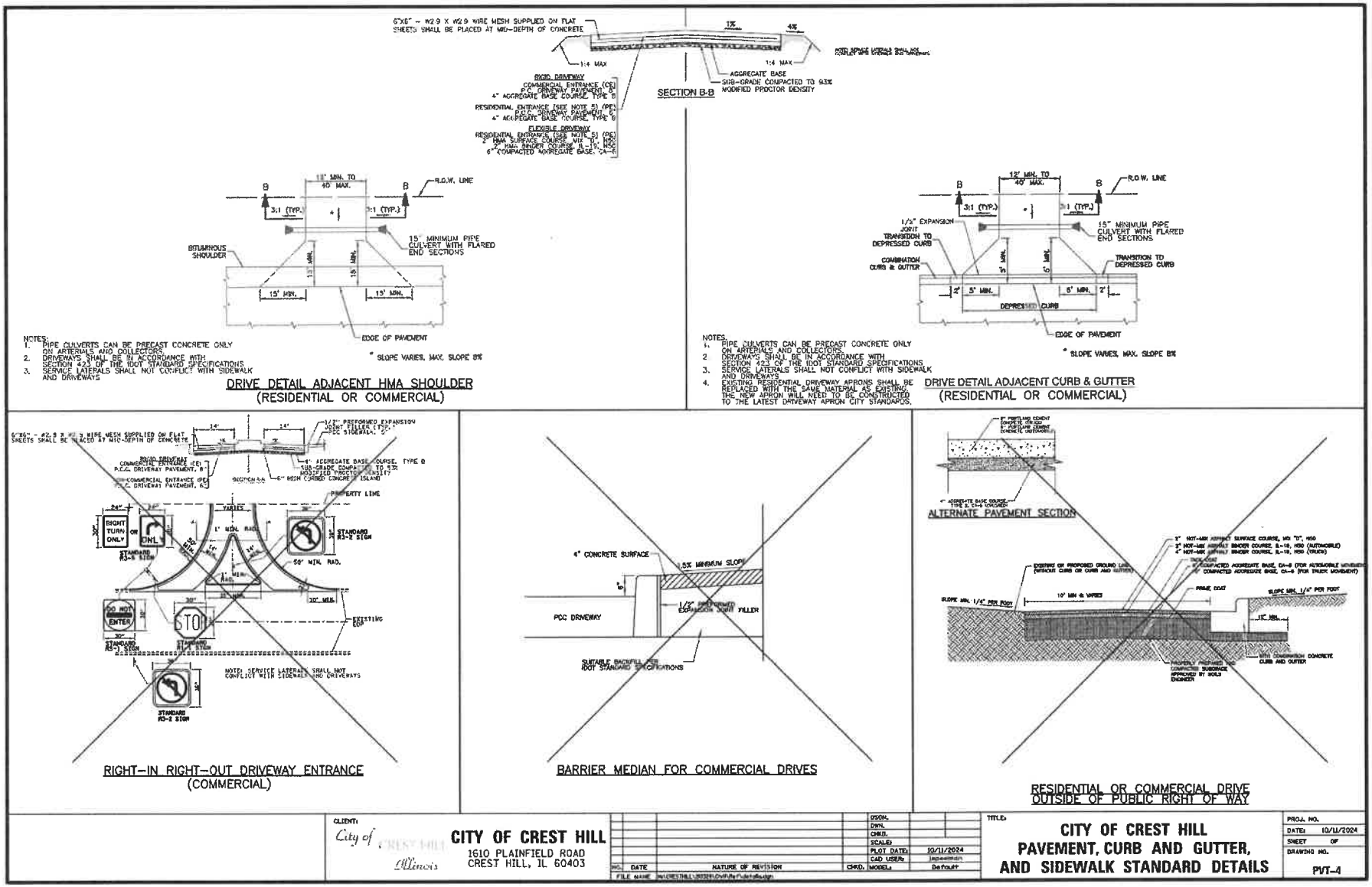
**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**DETAILS**

SCALE: | SHEET 3 OF 22 SHEETS | STA | TO STA

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 38 |

PROJECT NO. 230852




CLIENT: City of CREST HILL Illinois

**CITY OF CREST HILL**
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | DSGN. | |
|---|---|---|---|---|
| | | | DWN. | |
| | | | CHKD. | |
| | | | SCALE: | |
| | | | PLOT DATE: | 10/11/2024 |
| | | | CAD USER: | jspeerman |
| FILE NAME: | | | CHKD. MODEL: | Default |

TITLE:

# CITY OF CREST HILL PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS

PROJ. NO.
DATE: 10/11/2024
SHEET OF
DRAWING NO.
PVT-4


Civiltech Engineering
7326 James Rivers
Willowbrook, IL 60527
voice 224.699.8900 ext.
fax 224.699.8901
email

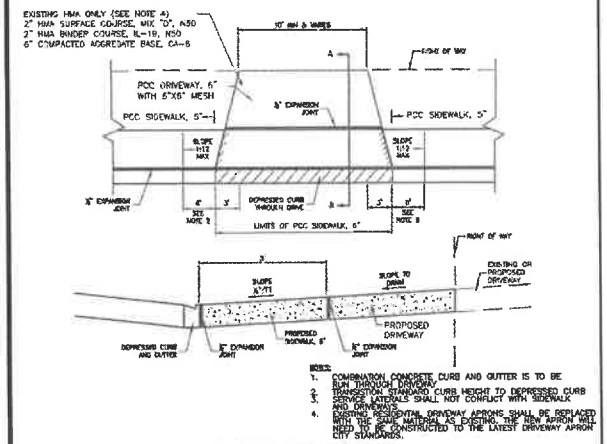

| USERNAME: | DESIGNED: | REVISED: | REVISED: |
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| | DRAWN: | REVISED: | REVISED: |
| PLOT SCALE: | CHECKED: | REVISED: | REVISED: |
| PLOT DATE: | DATE: | REVISED: | REVISED: |

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**DETAILS**
SCALE | SHEET 4 OF 22 SHEETS | STA | TO STA.

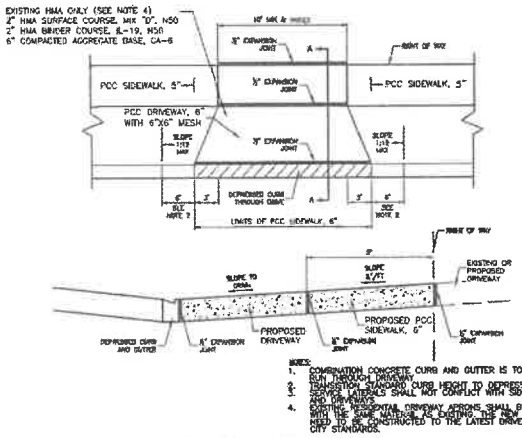
| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 37 |

PROJECT NO. 230852



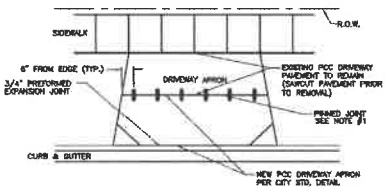

NOTES:
1. COMBINATION CONCRETE CURB AND GUTTER IS TO BE RUN THROUGH DRIVEWAY.
2. TRANSITION STANDARD CURB HEIGHT TO DEPRESSED CURB HEIGHT. SERVICE LATERALS SHALL NOT CONFLICT WITH SIDEWALK AND DRIVEWAYS.
3. EXISTING RESIDENTIAL DRIVEWAY APRONS SHALL BE REPLACED WITH THE SAME MATERIAL AS EXISTING. THE NEW APRON WILL NEED TO BE CONSTRUCTED TO THE LATEST DRIVEWAY APRON CITY STANDARDS.

## RESIDENTIAL DRIVEWAY DETAIL
WHERE SIDEWALK IS ADJACENT TO CURB



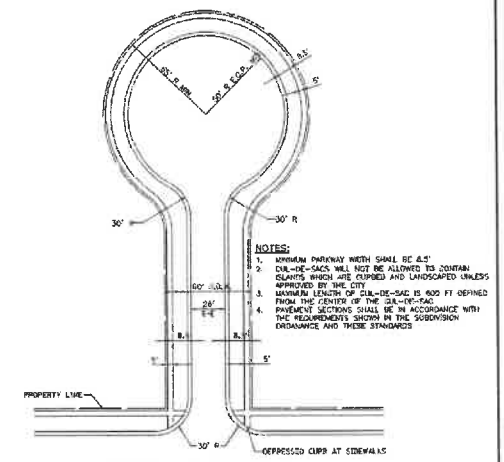

NOTES:
1. COMBINATION CONCRETE CURB AND GUTTER IS TO BE RUN THROUGH DRIVEWAY.
2. TRANSITION STANDARD CURB HEIGHT TO DEPRESSED CURB HEIGHT. SERVICE LATERALS SHALL NOT CONFLICT WITH SIDEWALK AND DRIVEWAYS.
3. EXISTING RESIDENTIAL DRIVEWAY APRONS SHALL BE REPLACED WITH THE SAME MATERIAL AS EXISTING. THE NEW APRON WILL NEED TO BE CONSTRUCTED TO THE LATEST DRIVEWAY APRON CITY STANDARDS.

## RESIDENTIAL DRIVEWAY DETAIL
WHERE SIDEWALK IS AT RIGHT OF WAY LINE



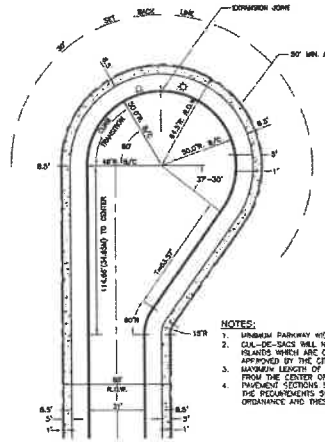

NOTES:
1. AT LOCATIONS WHERE ONLY A PORTION OF DRIVEWAY APRON IS TO BE REMOVED, NEW DRIVEWAY PAVEMENT SHALL BE CONCRETE AND SHALL BE PINNED TO THE EXISTING DRIVEWAY APRON WITH #4 REBAR A MINIMUM OF 6" INTO THE EXISTING SLAB. AFTER INSTALLATION, REBAR SHALL PROTRUDE FROM EXISTING DRIVEWAY PAVEMENT A MINIMUM OF 8". SIX (6) REBAR SHALL BE EVENLY SPACED IN EACH DRIVEWAY, STARTING 6" FROM EITHER DRIVEWAY EDGE.
2. FORMBOARD REQUIREMENTS: MINIMUM 2" X 6".
3. WELDED WIRE FABRIC (6"X6") OR WIRE MESH SHALL BE INSTALLED IN NEW DRIVEWAY PAVEMENT AT 2" ABOVE BOTTOM SLAB PER STD. DETAIL PVT-10.
4. PREFORMED EXPANSION JOINTS (3/4" THICK) SHALL BE CONSTRUCTED AT LOCATIONS WHERE NEW DRIVEWAY PAVEMENT ABUTS CURB AND GUTTER.
5. ALL AGGREGATE SUBBASE SHALL BE MECHANICALLY COMPACTED.

## DRIVEWAY PINNING



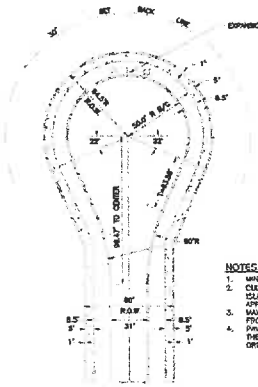

NOTES:
1. MINIMUM PARKWAY WIDTH SHALL BE 8.5'
2. CUL-DE-SACS WILL NOT BE ALLOWED TO CONTAIN ISLANDS WHICH ARE CURBED AND LANDSCAPED UNLESS APPROVED BY THE CITY
3. MAXIMUM LENGTH OF CUL-DE-SAC IS 600 FT DEFINED FROM THE CENTER OF THE CUL-DE-SAC
4. PAVEMENT SECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SHOWN IN THE SUBDIVISION ORDINANCE AND THESE STANDARDS

## RESIDENTIAL CUL-DE-SAC




NOTES:
1. MINIMUM PARKWAY WIDTH SHALL BE 8.5'
2. CUL-DE-SACS WILL NOT BE ALLOWED TO CONTAIN ISLANDS WHICH ARE CURBED AND LANDSCAPED UNLESS APPROVED BY THE CITY
3. MAXIMUM LENGTH OF CUL-DE-SAC IS 600 FT DEFINED FROM THE CENTER OF THE CUL-DE-SAC
4. PAVEMENT SECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SHOWN IN THE SUBDIVISION ORDINANCE AND THESE STANDARDS

## ECCENTRIC CUL-DE-SAC




NOTES:
1. MINIMUM PARKWAY WIDTH SHALL BE 8.5'
2. CUL-DE-SACS WILL NOT BE ALLOWED TO CONTAIN ISLANDS WHICH ARE CURBED AND LANDSCAPED UNLESS APPROVED BY THE CITY
3. MAXIMUM LENGTH OF CUL-DE-SAC IS 600 FT DEFINED FROM THE CENTER OF THE CUL-DE-SAC
4. PAVEMENT SECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SHOWN IN THE SUBDIVISION ORDINANCE AND THESE STANDARDS

## CONCENTRIC CUL-DE-SAC

CLIENT: City of CREST HILL Illinois

**CITY OF CREST HILL**
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | CHKD. | MODEL: |
|---|---|---|---|---|
| | | | DSGN. | |
| | | | DRN. | |
| | | | CHKD. | |
| | | | SCALE: | |
| | | | PLOT DATE: | 10/11/2024 |
| | | | CAD USER: | jspeelman |
| FILE NAME: | | | | Default |

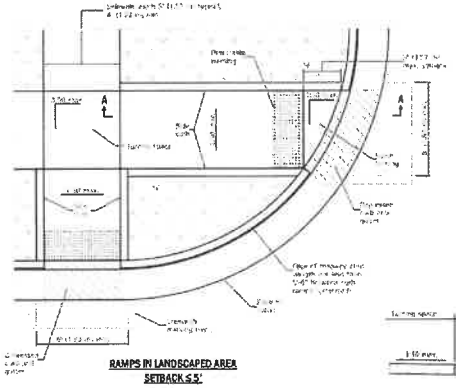
TITLE:
# CITY OF CREST HILL PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS

PROJ. NO.
DATE: 10/11/2024
SHEET OF
DRAWING NO.
PVT-5

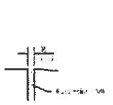
| | | | | | |
|---|---|---|---|---|---|
| USERNAME = | DESIGNED - | REVISED - | REVISED - | WATER MAIN REPLACEMENT OAKLAND AVENUE | DETAILS |
| | DRAWN - | REVISED - | REVISED - | | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | | |
| PLOT DATE = 5/2/2025 | DATE - | REVISED - | REVISED - | CREST HILL ILLINOIS | SCALE SHEET 5 OF 22 SHEETS STA. TO STA |

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 38 |

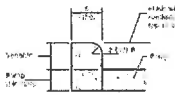
PROJECT NO. 230852



RAMPS IN LANDSCAPED AREA
SETBACK ≤ 5'

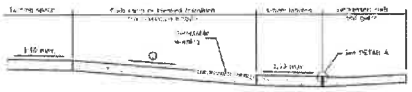


DETAIL A

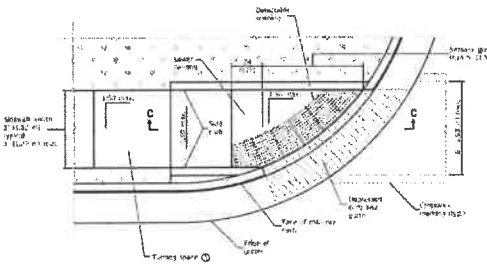


SIDE CURB DETAIL

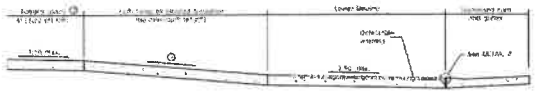
GENERAL NOTES



SECTION A-A

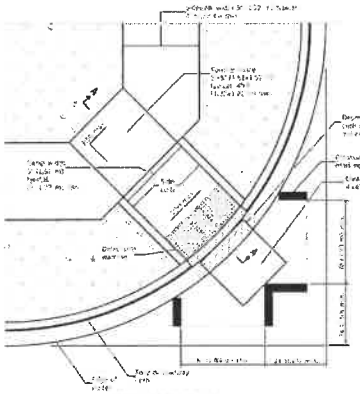


RAMP IN LANDSCAPED AREA
SETBACK > 5'

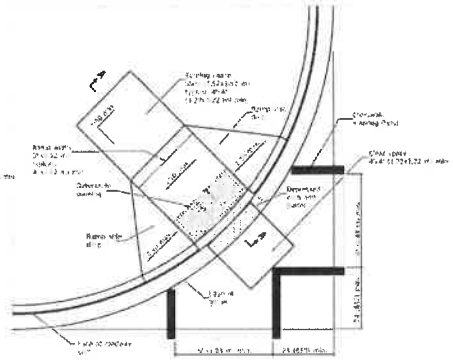


SECTION C-C

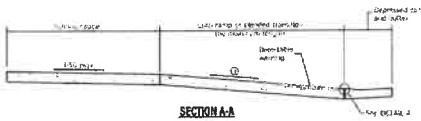
PERPENDICULAR CURB RAMPS
FOR SIDEWALKS (424001-XX)



RAMP IN LANDSCAPED AREA



RAMP IN PAVED AREA



SECTION A-A



DETAIL A



SIDE CURB DETAIL

GENERAL NOTES

DIAGONAL CURB RAMPS
FOR SIDEWALKS (424006-XX)

CLIENT:
City of CREST HILL
Illinois

CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | CHKD. |
|---|---|---|---|

FILE NAME: I:\CREST HILL\2023\PW\Civil\Plan Production\

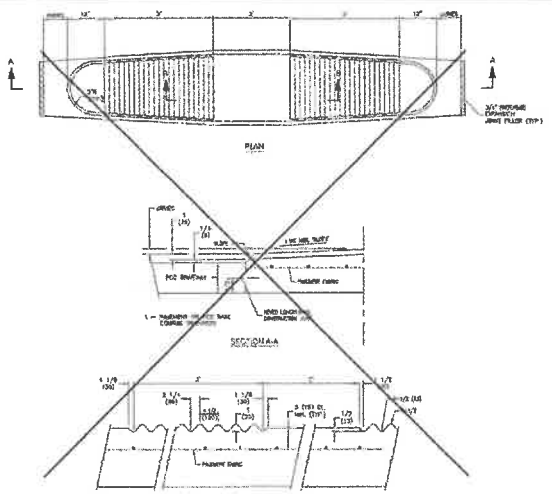
DESIGN:
DWN:
CHKD.:
SCALE:
PLOT DATE: 10/11/2024
CAD USER: jschaffer
MODEL: Default

TITLE:
CITY OF CREST HILL
PAVEMENT, CURB AND GUTTER,
AND SIDEWALK STANDARD DETAILS

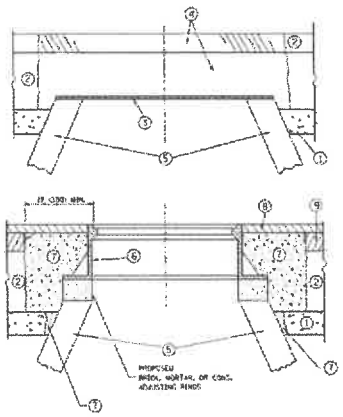
PROJ. NO.
DATE: 10/11/2024
SHEET OF
DRAWING NO.
PVT-6

| | | | | | |
|---|---|---|---|---|---|
| USER/AWG = CHARGE | DESIGNED - | REVISED - | REVISED - | WATER MAIN REPLACEMENT OAKLAND AVENUE | DETAILS |
| | DRAWN - | REVISED - | REVISED - | | |
| PLOT SCALE = 1.0000 | CHECKED - | REVISED - | REVISED - | CREST HILL ILLINOIS | SCALE: SHEET 6 OF 22 SHEETS STA. TO STA. |
| PLOT DATE = 10/11/2024 | DATE - | REVISED - | REVISED - | | |

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 39 |
| PROJECT NO. 230852 | | |




## CORRUGATED PCC MEDIAN



LEGEND:

1. SUB-BASE GRANULAR MATERIAL
2. EXISTING PAVEMENT
3. 36" DIAMETER METAL PLATE
4. PROPOSED CRUSHED STONE AND HMA SURFACE MIX
5. EXISTING STRUCTURE
6. FRAME AND LID (SEE NOTE)
7. CLASS PP-1 CONCRETE
8. PROPOSED HMA SURFACE COURSE
9. PROPOSED HMA BINDER COURSE

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT STILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

STAGE 1 BEFORE PAVEMENT MILLING:
A) REMOVE A MINIMUM OF 12" OF THE PAVEMENT FROM AROUND THE STRUCTURE.
B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
C) COVER THE STRUCTURE OPENING WITH A 36" DIAMETER METAL PLATE.
D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2" THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING):
A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 351, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

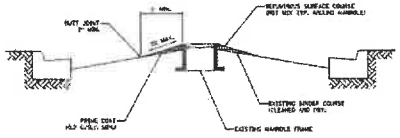
LOCATION OF STRUCTURES:
THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:
REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)".

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

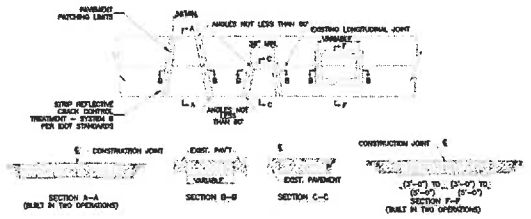
## FRAME ADJUSTMENT WHEN MILLING



NOTES:

1. TO BE USED WHEN PLATING PROCEDURE OF FRAME ADJUSTMENT AND MILLING IS NOT POSSIBLE.
2. RAMP TO BE MAINTAINED THROUGHOUT THE PERIOD BY DEVELOPER.
3. RAMP MATERIAL TO BE REMOVED BY MILLING OR OTHERWISE REMOVED BEFORE PLACEMENT OF FINAL SURFACE COURSE.

## MANHOLE RAMPING DETAIL



GENERAL NOTES:

1. EXISTING TIE BARS SHALL BE EITHER CUT OR REMOVED. MARGINAL BARS SHALL BE CUT.
2. IN LOCATIONS WHERE BITUMINOUS PATCHES WILL BE OVERLAYED WITH BITUMINOUS SURFACE COURSE, STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE APPLIED TO ALL PAVEMENT JOINTS AND CENTERED ALONG THE RESPECTIVE JOINTS.
3. IN LOCATIONS WHERE THE PAVEMENT PATCH WILL NOT BE OVERLAYED, TWO (2) INCHES OF BITUMINOUS SURFACE COURSE SHALL BE LAID IN THE FINAL LIFT OF THE PATCH.
4. THE DEPTH OF THE BITUMINOUS PAVEMENT PATCH SHALL MATCH THE FULL DEPTH OF THE EXISTING PAVEMENT, BUT SHALL NOT BE LESS THAN THE CITY STANDARD FOR THE RESPECTIVE PAVEMENT SECTION.

## HOT-MIX ASPHALT PAVEMENT PATCHING

CLIENT: City of CREST HILL Illinois

**CITY OF CREST HILL**
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | CHKD. | DSGN. | | |
|---|---|---|---|---|---|---|
| | | | | DWN. | | |
| | | | | CHKD. | | |
| | | | | SCALE: | | |
| | | | | PLOT DATE: | 10/11/2024 | |
| | | | | CAD USER: | | |
| | | | | MODEL: | Default | |

FILE NAME: PAVDETAILS_2023PAVPVMTVdetails.dgn

TITLE:

# CITY OF CREST HILL PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS

PROJ. NO.
DATE: 10/11/2024
SHEET OF
DRAWING NO.
PVT-10

| | | | | |
|---|---|---|---|---|
| USER NAME = | DESIGNED - | REVISED - | REVISED - | |
| | DRAWN - | REVISED - | REVISED - | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | |
| PLOT DATE = 10/11/2024 | DATE - | REVISED - | REVISED - | |

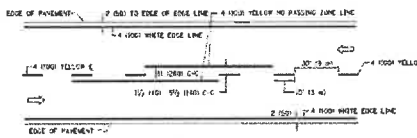
WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

DETAILS

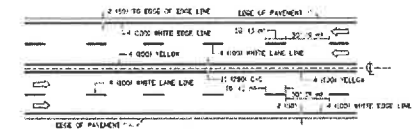
SCALE: SHEET 7 OF 22 SHEETS STA TO STA

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 40 |

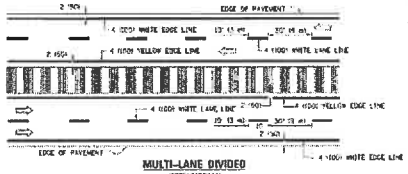
PROJECT NO 230852



2-LANE ROADWAY

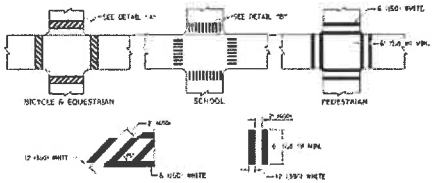


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

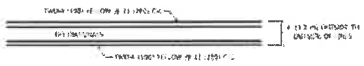
TYPICAL LANE AND EDGE LINE MARKING



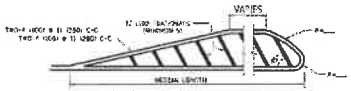
DETAIL "A" DETAIL "B"

TYPICAL CROSSWALK MARKING

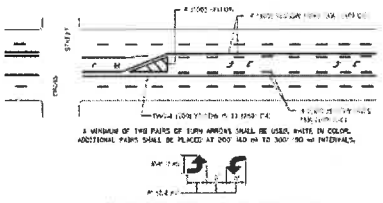
* MARKINGS SHALL BE DISPLACED PARALLEL TO THE CENTERLINE OF THE ROAD WHERE CURVES



4' (1.2 m) WIDE MEDIANS ONLY

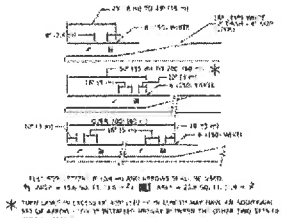


MEDIANS OVER 4' (1.2 m) WIDE



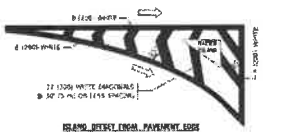
MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING



TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

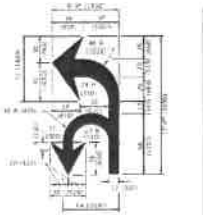


ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

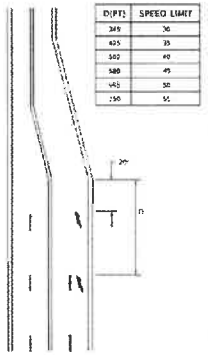
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN



LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHERE SPECIFIED ON PLANS

| D(FT) | SPEED LIMIT |
|---|---|
| 360 | 30 |
| 425 | 35 |
| 500 | 40 |
| 580 | 45 |
| 665 | 50 |
| 750 | 55 |

| TYPE OF MARKING | WIDTH OF LINE | PATTERN | COLOR | SPACING / REMARKS |
|---|---|---|---|---|
| CENTERLINE ON 2 LANE PAVEMENT | 4 (100) | SKIP-DASH | YELLOW | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT | 2 @ 4 (100) | SKIP-DASH | YELLOW | 11 (330) C-C |
| NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS | 4 (100)<br>2 @ 4 (100) | SOLID<br>SOLID | YELLOW<br>YELLOW | 3/4 (150) C-C FROM SKIP-DASH CENTERLINE<br>11 (330) C-C<br>EQUAL SEPARATION CENTERLINE BETWEEN |
| LANE LINES | 4 (100)<br>6 (150) ON FREEWAYS | SKIP-DASH<br>SKIP-DASH | WHITE<br>WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| DIVIDED LANE (EXTENSION OF CENTER, LANE OR TURN LANE MARKINGS) | SAME AS LINE BEING EXTENDED | SKIP-DASH | SAME AS LINE BEING EXTENDED | 2' (600) LINE WITH 6' (1.8 m) SPACE |
| EDGE LINES | 4 (100) | SOLID | YELLOW/LEFT<br>WHITE/RIGHT | OUTSIDE MEDIANS IN YELLOW |
| TURN LANE MARKINGS | 6 (150) LINE - FOR SOME SYMBOLS & LETTERS & SYMBOLS 24" (0.6 m) | WHITE | WHITE | SEE TYPICAL TURN LANE MARKING DETAIL |
| TWO WAY LEFT TURN MARKING | 2 @ 6 (150) EACH DIRECTION<br>8" (0.2 m) LEFT ARROW | SKIP-DASH AND SOLID IN PAIRS | YELLOW<br>WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5'6" (1.65) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE<br>SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL |
| CROSSWALK LINES (SPECIFY ONE)<br>A. PERPENDICULAR TO ROADWAY CENTERLINE<br>B. LONGITUDINAL (PARALLEL) | 2 @ 6 (150)<br>12 (300) @ 45°<br>12 (300) @ 90° | SOLID<br>SOLID<br>SOLID | WHITE<br>WHITE<br>WHITE | NOT LESS THAN 6' (1.8 m) APART<br>2' (600) APART<br>2' (600) APART<br>SEE TYPICAL CROSSWALK MARKING DETAILS. |
| STOP LINES | 24 (600) | SOLID | WHITE | BLACK WHITE EDGE OF AND PARALLEL TO CROSSWALK, 6' (1.8 m) DISTANCE FROM NEAREST CROSSWALK EDGE, PERPENDICULAR TO ONCOMING TRAFFIC WHERE PAVEMENT |
| PAINTED MEDIANS | 2 @ 4 (100) WITH 12 (300) CHEVRONS @ 45°<br>NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS | SOLID | YELLOW/2 TWO-WAY TRAFFIC WHITE/ONE WAY TRAFFIC | 11 (330) C-C FOR THE DISTANCE LINE<br>SEE TYPICAL PAINTED MEDIAN MARKINGS |
| ISLAND MARKING AND CHANNELIZING LINES | 6 (150) WITH 12 (300) DIAGONALS @ 45° | SOLID | WHITE | DIAGONALS:<br>15' (4.5 m) C-C (EQUAL THICK) BETWEEN 150 MM/HR<br>20' (6 m) C-C BETWEEN 150 TO 45MPH (70 KM/HR)<br>30' (9 m) C-C (OVER 45MPH) (70 KM/HR) |
| RAILROAD CROSSING | 24 (600) TRANSVERSE LINES "RR" 8' (1.8 m) LETTERS 16 (400) HIGH FOR "R" | SOLID | WHITE | SEE STATE STANDARD 780001<br>AREA ON:<br>*W=2.6 SY. FT. (2.35 m² EACH<br>*W=4.0 SQ. FT. 3.0 m² |
| SHOULDER DIAGONALS PROVIDED FOR SHOULDERS > 8' | 12 (300) @ 45° | SOLID | WHITE - RIGHT<br>YELLOW - LEFT | 15' (4.5 m) C-C (EQUAL THICK) BETWEEN 150 MM/HR<br>20' (6 m) C-C TO 45MPH (70 KM/HR) TO 45MPH (70 KM/HR)<br>30' (9 m) C-C (OVER 45MPH) (70 KM/HR) |
| U TURN ARROW | SEE DETAIL | SOLID | WHITE | 16.5 SY |
| 2 ARROW COMBINATION LEFT AND U TURN | SEE DETAIL | SOLID | WHITE | 18.4 SY |

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND BDE STANDARD 780001

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

| USER NAME = WSDOT | DESIGNED - EVERS | REVISED - CHANGES ON 03/19 |
|---|---|---|
| | DRAWN - | REVISED - ROADS ON 12/23 |
| | CHECKED - | REVISED - CURBS 12/23/15 |
| PLOT DATE = 04/21/20 | DATE - 04/21/20 | REVISED - CURBS 04/17/14 |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

| STATE SHEET | SHEET 2 OF 2 SHEETS | STA. | TO STA. |
|---|---|---|---|

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | TC-13 | | | |
| | CONTRACT NO. | | | |
| | ILLINOIS FED. PROJ. | | | |

TYPICAL PAVEMENT MARKINGS

CLIENT:
City of CREST HILL Illinois
CITY OF CREST HILL
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | BY |
|---|---|---|---|
| FILE NAME = W:\CREST HILL\2020\Civil\Sheets\details.dgn | | | |

DSGN.
DRN.
CHKD.
SCALE
PLOT DATE= 10/11/2024
CAD USER= jpeterson
CAD MODEL= Default

TITLE:
CITY OF CREST HILL
PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS

PROJ. NO.
DATE: 10/11/2024
SHEET OF
DRAWING NO.
PVT-12

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 office
630.724.9202 fax
www.v3co.com

| USER NAME = jpeterson | DESIGNED - | REVISED - | REVISED - |
|---|---|---|---|
| | DRAWN - | REVISED - | REVISED - |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - |
| PLOT DATE = 10/11/2024 | DATE - | REVISED - | REVISED - |

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

DETAILS
SCALE: SHEET 8 OF 22 SHEETS STA. TO STA.

| COUNTY | TOTAL SHEET | SHEET NO. |
|---|---|---|
| WILL | 55 | 41 |
| PROJECT NO. 230852 | | |

### Street and Parking Lot Sweeping

Purpose: To reduce the amount of pollutants that get washed into the storm drain and ultimately transported and deposited in waterbodies

Application:
1. Sweeping all points of egress where sediment is tracked from project site onto public or private streets and roads

Limitations:
1. Sweeping may be ineffective if soil is wet or heavy accumulation of mud.
2. May require repeat Cleanings

Maintenance:
1. Inspect potential sediment tracking ingress and egress points locations daily, and after rain events
2. Visible sediment observed outside the construction limits shall be swept and removed daily.
3. Do not use high brooms or sweeper attachments. These tend to spread the dirt rather than remove it.
4. If not joined with debris or trash, consider mechanically the removed sediment back into the project.
5. Be careful not to sweep up any unknown substance or any object that may be potentially hazardous
6. Adjust brooms frequently, maximize efficiency of sweeping operations
7. After sweeping is finished properly dispose of sweeper wastes at an approved dumpsite

### Topsoil Salvage & Utilization

Purpose: To provide a method of preserving topsoil for use in establishing vegetation to achieve final site stabilization.

Specifications:

Material:

Typically the darker, friable, loamy surface lay of soil found immediately below vegetation

Storage Area:

1. Free of stumps, rock, and construction debris
2. Stockpile covered with vegetation or a tarp.
3. Surrounded by a sediment barrier or sediment trap.
4. Stockpile outside roofing zone of trees to be protected.

Application:

Salvaging and Stockpiling Topsoil:

1. Determine depth and suitability of topsoil at site.
2. Prior to stripping topsoil, install any site-specific down slope measures needed to control storm water and sedimentation
3. Remove soil material no deeper than the "Bantam Soil"
4. Stockpile outside roofing zone of trees to be protected

Spreading topsoil:

1. Prior to applying topsoil, grade the subsoil and roughen the top three to four inches by disking
2. Apply topsoil evenly to a depth of a minimum of four inches, then compact slightly to improve contract with the subsoil
3. Do not apply topsoil when the site is wet, muddy, or frozen.
4. After spreading the topsoil, grade and stabilize the site.

Maintenance:

1. Inspect Daily
2. Check for damage to perimeter barrier, repair immediately.
3. Check for erosion or damage to newly spread topsoil, repair immediately and re-vegetate

## EROSION CONTROL GENERAL NOTES

## SELF-MONITORING PROGRAM

A SELF-MONITORING PROGRAM THAT INCLUDES THE FOLLOWING MUST BE IMPLEMENTED AT ALL PERMITTED PROJECT SITES:

1. A TRAINED INDIVIDUAL SHALL PERFORM A WRITTEN EVALUATION OF THE PROJECT SITE A MINIMUM OF ONE (1) TIME PER WEEK AND BY THE END OF THE NEXT BUSINESS DAY FOLLOWING EACH MEASURABLE STORM EVENT.
2. THE EVALUATION MUST ADDRESS THE MAINTENANCE OF EXISTING STORM WATER QUALITY MEASURES TO ENSURE THEY ARE FUNCTIONING PROPERLY AND ADDITIONAL MEASURES NECESSARY TO REMAIN IN COMPLIANCE WITH ALL APPLICABLE STATUTES MUST BE MET.
3. WRITTEN EVALUATION REPORTS MUST INCLUDE:
   A. THE NAME OF INDIVIDUAL PERFORMING THE EVALUATION;
   B. THE DATE OF EVALUATION;
   C. PROBLEMS IDENTIFIED AT THE PROJECT SITE; AND
   D. DETAILS OF CORRECTIVE ACTIONS RECOMMENDED AND COMPLETED.
4. ALL EVALUATION REPORTS FOR THE PROJECT SITE MUST BE MADE AVAILABLE TO THE CBO OR OTHER DESIGNATED ENTITY WITHIN FORTY-EIGHT (48) HOURS OF A REQUEST
5. EVALUATION REPORTS MUST BE MAINTAINED FOR A PERIOD OF AND 3 YEARS FROM DATE OF NOI
6. ALL EVALUATION REPORTS WILL BE SUBMITTED TO THE OWNER WHEN REQUESTED.

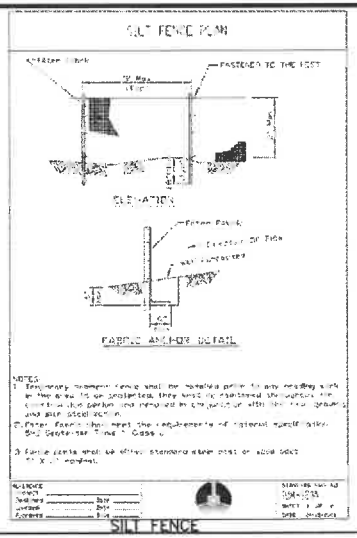
## SELF MONITORING PROGRAM

Date
Project
Reinspected by
Type of Inspection: ☐ Routine Weekly ☐ Post Event (0.5" or more)

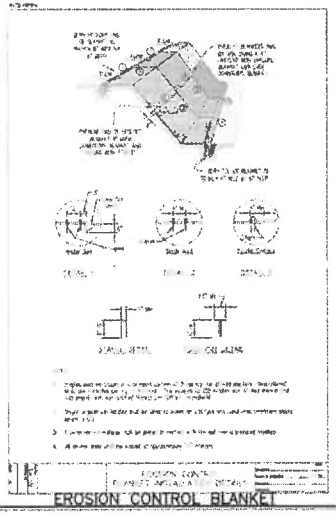
### CONSTRUCTION SITE INSPECTION AND MAINTENANCE LOG
(To be completed by Trained Individual/Project Manager)

All applicable erosion control and sediment control practices shall be inspected and maintained as needed to ensure continued performance of their intended function. Each rainfall event which causes runoff from any portion of the site must be recorded in the log. Additionally, a log must be kept of all inspections and maintenance conducted on the erosion control practices. At a minimum, inspections must be performed at least once every seven calendar days and within 24 hours after any storm event of 0.5 inches or greater. If adequate maintenance is not being performed, the Illinois Environmental Protection Agency or its authorized agent may issue a notice of violation. Upon receiving a notice of violation, you will have a reasonable amount of time, as determined by the Illinois Environmental Protection Agency, to bring the site into compliance. The amount of time will be based on the severity of the violation and the threat to water quality. Failure to comply with a notice of violation within the specified timeframe may result in enforcement action, including penalties.

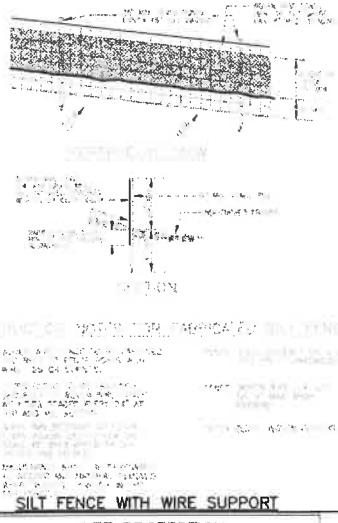
| Date of Inspection | Inspector's Name | Rainfall Amount (inches) | Date and Time of Last Rainfall | Description of Maintenance Needed | Description of Maintenance Completed | Maintenance Personnel |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |




SILT FENCE

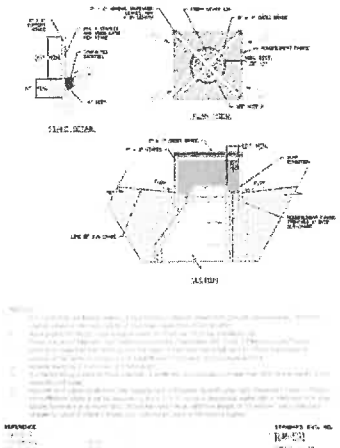


EROSION CONTROL BLANKET



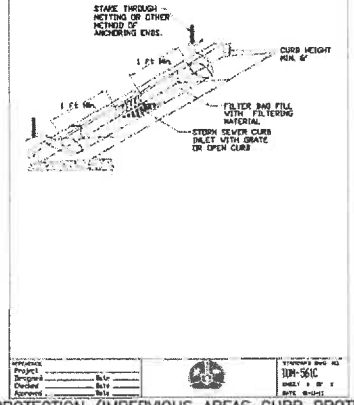
SILT FENCE WITH WIRE SUPPORT

INLET PROTECTION -MONOFILAMENT FABRIC BARRIER FENCE



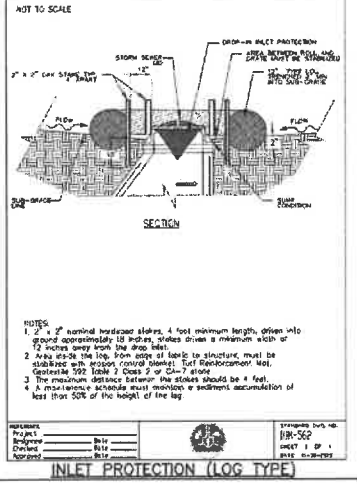
INLET PROTECTION (MONOFILAMENT FABRIC BARRIER FENCE)

INLET PROTECTION - IMPERVIOUS AREAS CURB PROTECTION




INLET PROTECTION (IMPERVIOUS AREAS CURB PROTECTION)

INLET PROTECTION LOG TYPE




NOTES:
1. 2" x 2" nominal hardwood stakes, 4 foot minimum length, driven into ground approximately 18 inches, stakes driven a minimum width of 12 inches away from the drop inlet.
2. Area as-is the log, from edge of fabric to structure, must be stabilized with erosion control blanket, Turf Reinforcement Mat, Geotextile Type I Class 2 or CA-7 stone.
3. The maximum distance between the stakes should be 4 feet.
4. A maintenance schedule must maintain a sediment accumulation of less than 50% of the height of the log.

INLET PROTECTION (LOG TYPE)

CLIENT: City of CREST HILL Illinois

**CITY OF CREST HILL**
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | CHKD. | MODEL: | Default |
|---|---|---|---|---|---|
| | | | DSGN. | | |
| | | | DRN. | | |
| | | | CHKD. | | |
| | | | SCALE: | | |
| | | | PLOT DATE: | 10/11/2024 | |
| | | | CAD USER: | jspeelman | |

FILE NAME: ...\ERO-2.dgn

TITLE:

**CITY OF CREST HILL**
**EROSION CONTROL DETAILS**

PROJ. NO.
DATE: 10/11/2024
SHEET OF
DRAWING NO.
ERO-2

| | | | | |
|---|---|---|---|---|
| USERNAME = rkrahwinkel | DESIGNED - | REVISED - | REVISED - | |
| | DRAWN - | REVISED - | REVISED - | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | |
| PLOT DATE = 3/12/2025 | DATE - | REVISED - | REVISED - | |

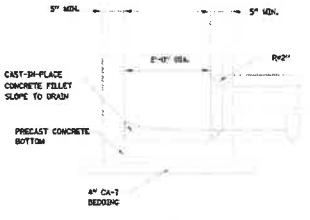
WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

DETAILS

SCALE: | SHEET 10 OF 22 SHEETS | STA. | TO STA.

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 43 |

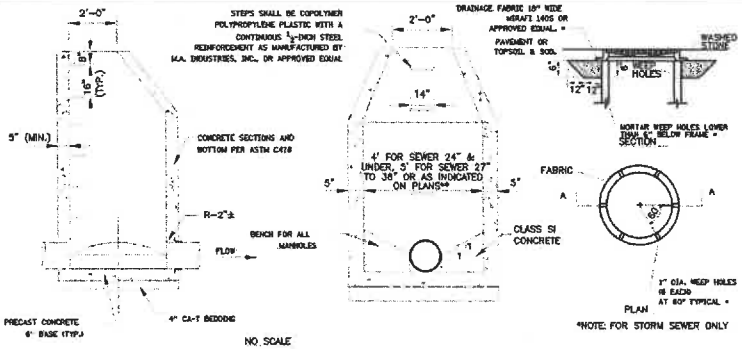
PROJECT NO. 230652




NO SCALE

NOTES:
1. SEE CASTING INSTALLATION AND ADJUSTMENT DETAIL FOR CASTING REQUIREMENTS.
2. INTERIOR JOINTS SHALL BE "BUTTERED" WITH NON-SHRINK GROUT.
3. STRUCTURE SHALL COMPLY WITH ASTM C478.

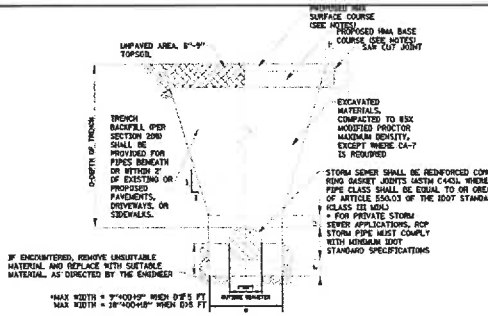
## INLET




NO SCALE

NOTE:
1. MANHOLE BARREL JOINTS SHALL BE TONGUE AND GROOVE TYPE WITH TWO ROWS OF EXTRUDABLE PREFORMED PLASTIC GASKET MATERIAL (BUTYL ROPE).
2. INTERIOR JOINTS SHALL BE "BUTTERED" WITH NON-SHRINK GROUT.
3. STORM MANHOLES SHALL HAVE A WALL THICKNESS OF 6" FOR 5' DIAMETER STRUCTURES AND 7" FOR 6' DIAMETER STRUCTURES
4. SEE CASTING INSTALLATION AND ADJUSTING DETAIL FOR CASTING REQUIREMENTS.
** 5. THESE ARE GENERAL PIPE SIZES. THE CONSULTANT PREPARING THE DESIGN MUST MAKE SURE THAT THE MAXIMUM PIPE KNOCKOUT SHALL BE LIMITED TO 60% OF THE INSIDE PERIMETER. THIS IS REQUIRED TO PROVIDE STRUCTURAL INTEGRITY OF NEW OR EXISTING DRAINAGE STRUCTURE.

## STORM MANHOLE, TYPE A




STORM SEWER SHALL BE REINFORCED CONCRETE PIPE (ASTM C76) WITH RUBBER RING GASKET JOINTS (ASTM C443), WHERE ELLIPTICAL PIPE IS USED (ASTM C507). PIPE CLASS SHALL BE EQUAL TO OR GREATER THAN THE MINIMUM REQUIREMENTS OF ARTICLE 550.03 OF THE IDOT STANDARD SPECIFICATIONS (CLASS III MIN.)
* FOR PRIVATE STORM SEWER APPLICATIONS, RCP STORM PIPE MUST COMPLY WITH MINIMUM IDOT STANDARD SPECIFICATIONS

1. TRENCH SHALL BE IN ACCORDANCE WITH OSHA SAFETY STANDARDS
2. BEDDING SHALL BE REQUIRED TO BE A MINIMUM THICKNESS EQUAL TO ½ OF THE OUTSIDE DIAMETER OF THE PIPE BUT SHALL NOT BE LESS THAN 4", AS A MINIMUM BEDDING AND HAUNCHING MATERIAL GRADATION SHALL BE IDOT CA-7.
3. THE BEDDING MATERIAL SHALL BE PLACED A MINIMUM 12" OVER THE TOP OF THE PIPE AND GRADATION SHALL BE IDOT CA-7 AND SHALL BE CAREFULLY PLACED SO AS TO FILL THE SPACE UNDER AND AROUND THE PIPE.
4. RESTORATION OF PAVEMENT SHALL MATCH EXISTING PAVEMENT SECTION.
5. DURING NON-WORKING HOURS ALL OPEN HOLES SHALL BE PLATED.

## TRENCH BACKFILL FOR STORM SEWER

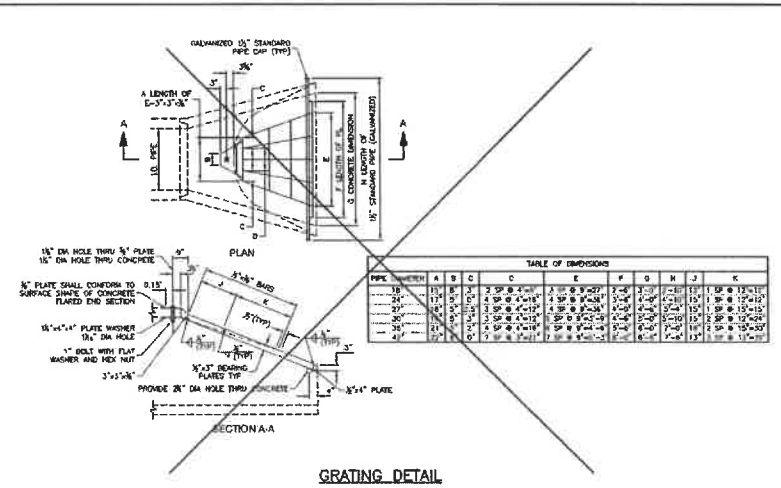



TABLE OF DIMENSIONS

| PIPE DIAMETER | A | B | C | D | E | F | G | H | J | K |
|---|---|---|---|---|---|---|---|---|---|---|
| 18" | 11" | 8" | 2' 3" @ 4"=27" | 1' 4" @ 9"=21" | 2'-6" | 1'-3" | 1'-6" | 13" | 1' 3" @ 13"=12" |
| 24" | 1'-1" | 8" | 4' 3" @ 4"=16" | 4' 3" @ 9"=48" | 3'-0" | 1'-6" | 1'-6" | 15" | 1' 3" @ 12"=12" |
| 27" | 1'-4" | 8" | 3' 3" @ 4"=12" | 4' 3" @ 9"=36" | 3'-0" | 1'-6" | 1'-6" | 15" | 1' 3" @ 13"=13" |
| 30" | 1'-4" | 8" | 3' 3" @ 4"=12" | 3' 3" @ 9"=30" | 3'-0" | 1'-6" | 1'-6" | 15" | 1' 3" @ 13"=13" |
| 36" | 1'-7" | 8" | 2' 3" @ 4"=8" | 3' 3" @ 9"=30" | 3'-0" | 1'-6" | 1'-6" | 15" | 1' 3" @ 13"=13" |
| 48" | 2'-1" | 8" | 2' 3" @ 4"=8" | 3' 3" @ 9"=30" | 3'-0" | 1'-6" | 1'-6" | 15" | 1' 3" @ 13"=13" |

## GRATING DETAIL

CLIENT: City of CREST HILL Illinois
**CITY OF CREST HILL**
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | CHKD. | MODEL |
|---|---|---|---|---|
| | | | DSGN. | |
| | | | DWN. | |
| | | | CHKD. | |
| | | | SCALE: | |
| | | | PLOT DATE: | 10/11/2024 |
| | | | CAD USER | jepeterson |
| | | | | Default |

FILE NAME: N:\CREST HILL\2023\Civil\Xrefs\Plots\details.dgn

TITLE:
**CITY OF CREST HILL**
**STORM SEWER SYSTEM DETAILS**

PROJ. NO.
DATE 10/11/2024
SHEET OF
DRAWING NO.
STM-1


V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
(630) 724-9200 Phone
(630) 724-9202 Fax
www.v3co.com

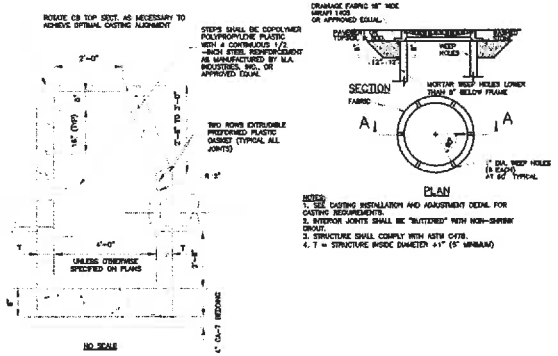

| | | | | |
|---|---|---|---|---|
| USERNAME = rwalowac | DESIGNED - | REVISED - | REVISED - | |
| | DRAWN - | REVISED - | REVISED - | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | |
| PLOT DATE = 3/1/2024 | DATE - | REVISED - | REVISED - | |

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

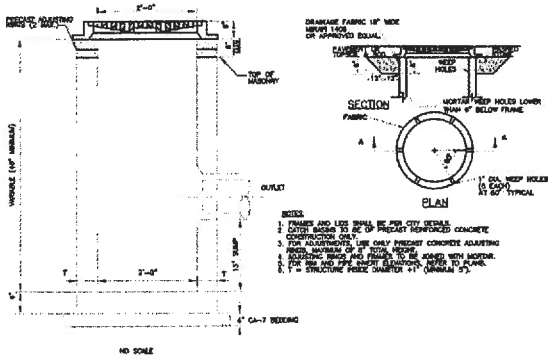
**DETAILS**
SCALE: SHEET 11 OF 22 SHEETS STA TO STA

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 44 |

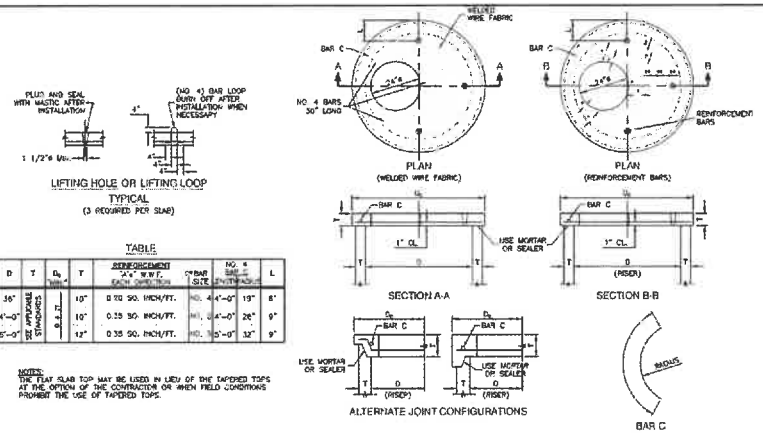
PROJECT NO. 230852




CATCH BASIN, TYPE A



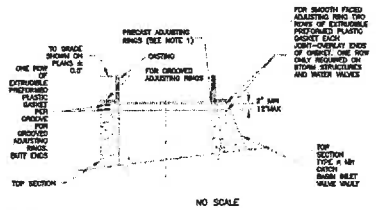

CATCH BASIN, TYPE C




| D | T | $D_b$ | T | REINFORCEMENT "A" W.W.F. EACH DIRECTION | C'BAR SIZE | NO. 4 BAR @ EACH END/SIDE | L |
|---|---|---|---|---|---|---|---|
| 36" | SEE APPROVED STANDARDS | 8" | 10" | 0.70 SQ. INCH/FT. | NO. 4 | 4'-0" | 13" | 8" |
| 4'-0" | | 8" | 10" | 0.35 SQ. INCH/FT. | NO. 4 | 4'-0" | 26" | 9" |
| 5'-0" | | 8" | 12" | 0.35 SQ. INCH/FT. | NO. 5 | 5'-0" | 32" | 9" |

NOTES:
THE FLAT SLAB TOP MAY BE USED IN LIEU OF THE TAPERED TOPS AT THE OPTION OF THE CONTRACTOR OR WHEN FIELD CONDITIONS PROHIBIT THE USE OF TAPERED TOPS.

PRECAST REINFORCED FLAT SLAB TOP




CASTING INSTALLATION AND ADJUSTING

CLIENT:
City of CREST HILL Illinois
**CITY OF CREST HILL**
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | DRN. | MODEL: | Default |
|---|---|---|---|---|---|
| | | | DSGN. | | |
| | | | DRN. | | |
| | | | CHD. | | |
| | | | SCALE: | | |
| | | | PLOT DATE: | 10/11/2024 | |
| | | | CAD USER: | | |

FILE NAME:

TITLE:
**CITY OF CREST HILL**
**STORM SEWER SYSTEM DETAILS**

PROJ. NO.
DATE: 10/11/2024
SHEET OF
DRAWING NO.
**STM-2**

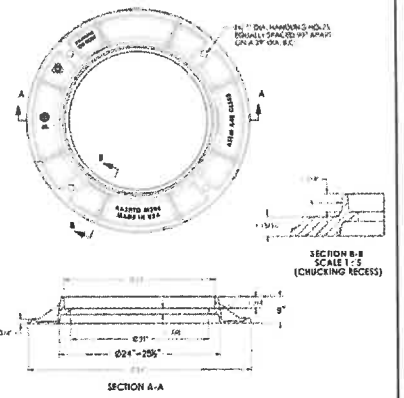
| | | | | |
|---|---|---|---|---|
| USERNAME = hwagner | DESIGNED - | REVISED - | REVISED - | |
| | DRAWN - | REVISED - | REVISED - | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | |
| PLOT DATE = 10/11/2024 | DATE - | REVISED - | REVISED - | |

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

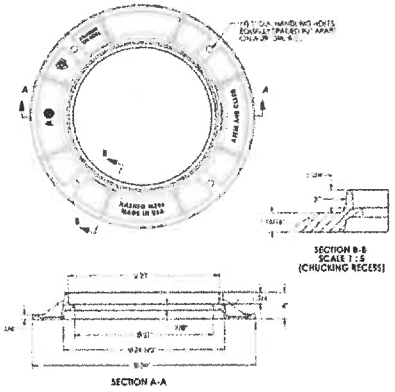
**DETAILS**
SCALE: SHEET 12 OF 22 SHEETS STA. TO STA

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 45 |

PROJECT NO. 230652

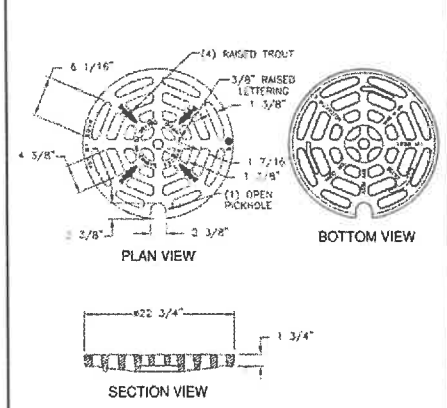



TYPE 1 FRAME

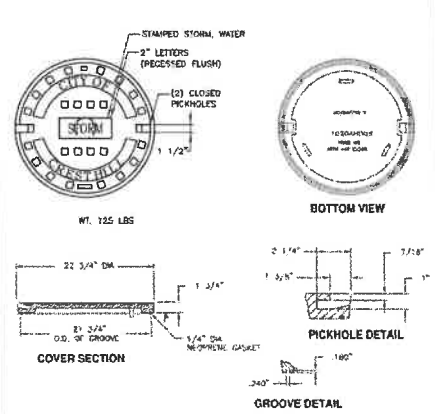



NOTE:
THIS ALTERNATIVE FRAME CAN BE USED IN LIEU OF THE 6" STANDARD FRAME WHEN FIELD CONDITIONS PROHIBIT THE USE OF THE 9" FRAME. THIS ALTERNATIVE FRAME CANNOT BE USED IN THE PAVEMENT AREA. IF THIS FRAME IS USED IT WILL BE INCLUDED IN THE COST OF MH C4

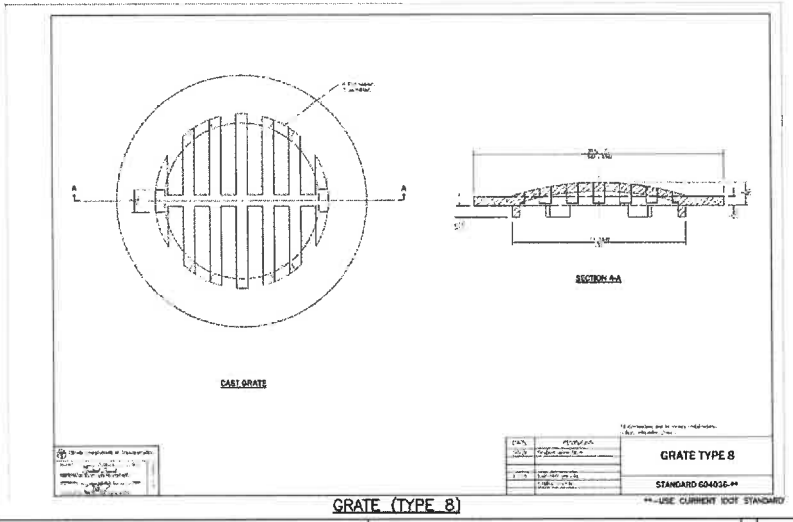
TYPE 1 FRAME (ALTERNATE)



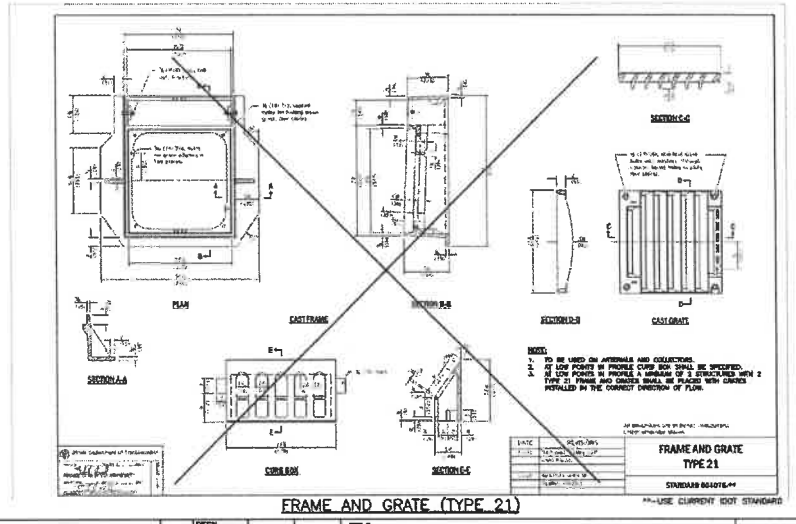

TYPE 1 LID-OPEN LID




TYPE 1 LID-CLOSED LID




GRATE (TYPE 8)




FRAME AND GRATE (TYPE 21)

CLIENT: City of CREST HILL Illinois

**CITY OF CREST HILL**
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | DSGN. | |
|---|---|---|---|---|
| | | | DWN. | |
| | | | CHKD. | |
| | | | SCALE: | |
| | | | PLOT DATE: | 10/11/2024 |
| | | | CAD USER: | tepearson |
| | | | MODEL: | Default |

FILE NAME: P:\CREST HILL\230852\Civil\Xref\Details.dgn

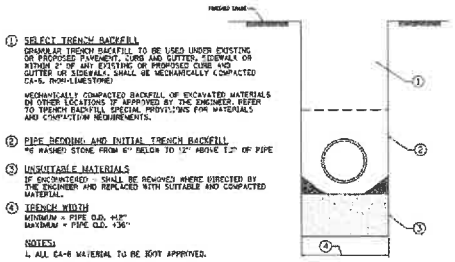
TITLE:

**CITY OF CREST HILL**
**STORM SEWER SYSTEM DETAILS**

PROJ. NO.
DATE: 10/11/2024
SHEET OF
DRAWING NO.
**STM-3**

| | | | | | |
|---|---|---|---|---|---|
| V3 Companies 7325 Janes Avenue Woodridge, IL 60517 (630) 724-9200 Fax www.v3co.com | DESIGNED - | REVISED - | REVISED - | WATER MAIN REPLACEMENT OAKLAND AVENUE | DETAILS |
| | DRAWN - | REVISED - | REVISED - | | |
| PLOT SCALE = 1 | CHECKED - | REVISED - | REVISED - | | |
| PLOT DATE = 10/11/2024 | DATE - | REVISED - | REVISED - | CREST HILL ILLINOIS | SCALE: SHEET 13 OF 22 SHEETS STA TO STA |

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 48 |
| PROJECT NO. 230852 | | |




① SELECT TRENCH BACKFILL
GRANULAR TRENCH BACKFILL TO BE USED UNDER EXISTING OR PROPOSED PAVEMENT, CURB AND GUTTER, SIDEWALK OR WITHIN 2' OF ANY EXISTING OR PROPOSED CURB AND GUTTER OR SIDEWALK. SHALL BE MECHANICALLY COMPACTED CA-6, IDOH-LIMESTONE)

MECHANICALLY COMPACTED BACKFILL OF EXCAVATED MATERIALS IN OTHER LOCATIONS IF APPROVED BY THE ENGINEER. REFER TO TRENCH BACKFILL SPECIAL PROVISIONS FOR MATERIALS AND COMPACTION REQUIREMENTS.

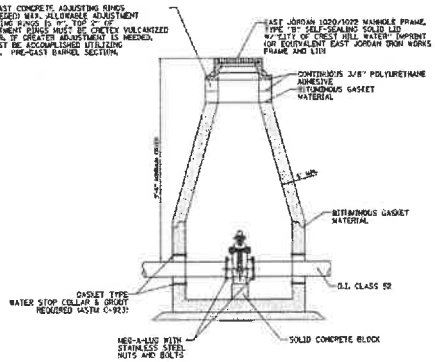
② PIPE BEDDING AND INITIAL TRENCH BACKFILL
#8 WASHED STONE FROM 6" BELOW TO 12" ABOVE T.O. OF PIPE

③ UNSUITABLE MATERIALS
IF ENCOUNTERED - SHALL BE REMOVED WHERE DIRECTED BY THE ENGINEER AND REPLACED WITH SUITABLE AND COMPACTED MATERIAL.

④ TRENCH WIDTH
MINIMUM = PIPE O.D. +12"
MAXIMUM = PIPE O.D. +36"

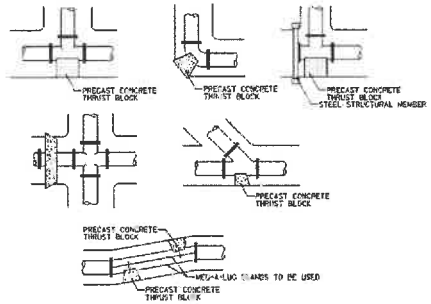
NOTES:
1. ALL CA-6 MATERIAL TO BE IDOT APPROVED.

## TYPICAL WATER MAIN TRENCH




1. ALL MECHANICAL JOINT FITTINGS TO BE ASSEMBLED WITH STAINLESS STEEL TEFLON COATED NUTS AND BOLTS.
2. MECHANICAL JOINT RESTRAINT SHALL BE SERIES 2000PV FOR USE WITH C-900 PVC PIPE OR D.I. PIPE CLASS 52.
3. VALVES 4" OR LARGER MUST BE ENCLOSED IN A VALVE VAULT.
4. VALVES LESS THAN 4", OR WHEN DIRECTED BY THE CITY, SHALL USE AN AMERICAN FLOOR CONTROL TRENCH ADAPTER.

## TYPICAL VALVE VAULT

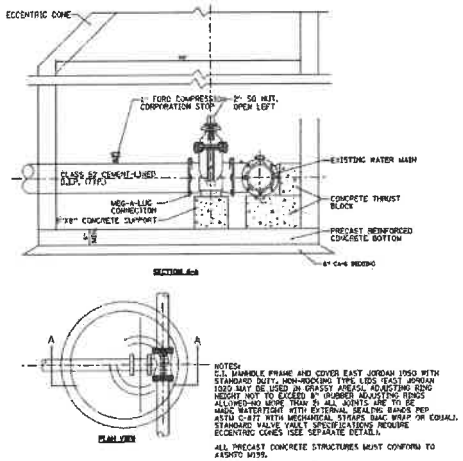



(BEARING AREA SQ. FT.)

| PIPE SIZE | TEE/PLUG | 90 DEG. | 45 DEG. | 22½° | 11.25° |
|---|---|---|---|---|---|
| 6 | 4 | 2 | 1 | 1 | 1 |
| 8 | 6 | 4 | 3 | 1 | 1 |
| 10 | 7 | 5 | 3 | 2 | 1 |
| 12 | 8 | 6 | 4 | 3 | 2 |
| 14 | 12 | 9 | 6 | 4 | 3 |
| 16 | 15 | 12 | 7 | 5 | 3 |
| 18 | 18 | 15 | 9 | 5 | 4 |
| 24 | 40 | 30 | 15 | 10 | 5 |

ALL BLOCKING MUST BEAR ON UNDISTURBED EARTH.
ALL BENDS OR ELBOWS GREATER THAN AND INCLUDING 11.25° SHALL HAVE THRUST BLOCKING. WOOD SHIMS NOT ALLOWED.

## THRUST BLOCK DETAIL




NOTES:
D.I. MANHOLE FRAME AND COVER EAST JORDAN 1050 WITH STANDARD DUTY, NON-ROCKING TYPE LIDS (EAST JORDAN 1020 MAY BE USED IN GRASSY AREAS). ADJUSTING RING HEIGHT NOT TO EXCEED 8" (RUBBER ADJUSTING RINGS ALLOWED-NO MORE THAN 3) ALL JOINTS ARE TO BE MADE WATERTIGHT WITH EXTERNAL SEALING BANDS PER ASTM C-877 WITH MECHANICAL STRAPS (MAC WRAP OR EQUAL). STANDARD VALVE VAULT SPECIFICATIONS REQUIRE ECCENTRIC CONES (SEE SEPARATE DETAIL).

ALL PRECAST CONCRETE STRUCTURES MUST CONFORM TO AASHTO M199.

## WATER MAIN PRESSURE CONNECTION

CLIENT: City of CREST HILL Illinois
**CITY OF CREST HILL**
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | CHKD. |
|---|---|---|---|
| | | | |

FILE NAME: M:\CRESTHILL\2023\WDist\Det\Det-Details.dgn

DSGN.
DRN.
CHKD.
SCALE:
PLOT DATE: 10/11/2024
CAD USER: jspeaman
CAD MODEL: Default

TITLE:
# CITY OF CREST HILL
# WATER DISTRIBUTION SYSTEM DETAILS

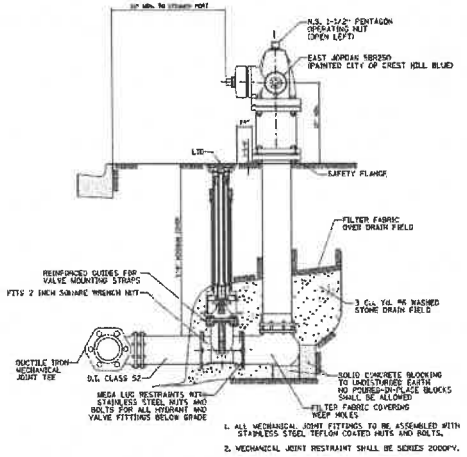
PROJ. NO.
DATE: 10/11/2024
SHEET OF
DRAWING NO.
WTR-1

| | | | | |
|---|---|---|---|---|
| WSH/NAME = DSHOAN* | DESIGNED - | REVISED - | REVISED - | WATER MAIN REPLACEMENT OAKLAND AVENUE |
| | DRAWN - | REVISED - | REVISED - | |
| PLOT SCALE = | CHECKED = | REVISED - | REVISED - | DETAILS |
| PLOT DATE = 2/12/25R | DATE - | REVISED - | REVISED - | CREST HILL ILLINOIS |

SCALE: | SHEET 14 OF 22 SHEETS | STA. | TO STA

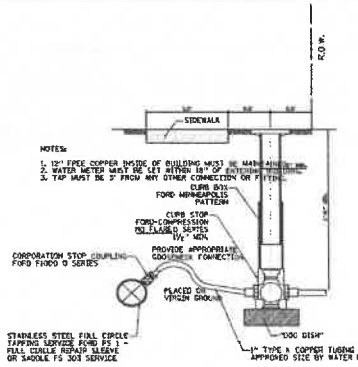
| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 47 |

PROJECT NO. 230652



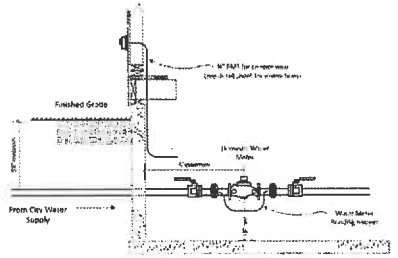

1. ALL MECHANICAL JOINT FITTINGS TO BE ASSEMBLED WITH STAINLESS STEEL, TEFLON COATED NUTS AND BOLTS.
2. MECHANICAL JOINT RESTRAINT SHALL BE SERIES 2000PV.

## TYPICAL FIRE HYDRANT




NOTES:
1. NO COUPLINGS PERMITTED BETWEEN CORPORATION AND CURB STOP.
2. NO COUPLINGS PERMITTED BETWEEN CURB STOP AND BUILDING.
3. BACKFILL MATERIAL SHALL BE CA-6.
4. B-BOXES MUST BE LOCATED IN A GRASSY NON-PAVED AREA.
5. SERVICES OF 1 1/2" DIAMETER SHALL USE A 2" I.D. UPPER SLEEVE CURB BOX.

## WATER SERVICE CONNECTION




1. The water connection property owner is responsible for all labor, equipment, material, tools and transportation to complete the work.

2. The water customer, at their expense, must provide all suitable pipe connections. For water meters up to 2", two (2) full port ball valves, one immediately on the inlet side and one on the outlet side for the means of isolated the water meter is required.

3. The meter setting must have an electrical bonding jumper connected at the inlet and outlet sides of the piping. (See NEC requirements for proper cable size)

4. Minimum service size is 1" Type "K" copper tubing.

5. The meter setting must be accessible with a minimum clearances of 18" on all sides and 36" directly in front to allow servicing the meter.

Meter Information

¾" IPERL meter length - 9", meter spread - 14 ½"
1" IPERL meter length – 10 ¼". Meter spread 16 ¼"

## WATER METER

### Standards for Water Meter Remote Wiring and Conduit Installation

1. The Standard covers the work to be undertaken for water meter remote wire and conduit installation. The property owner is responsible for providing all labor, equipment, material, tools, and transportation to complete the work as described in this document.

2. All ridgid conduit and all associated elbows and fittings shall have a minimum inside trade size diameter of 1" and shall be electrical metallic tubing (EMT - trade size).

3. The remote wire conduit shall be located near a panel in the same room as the water meter, within 3 feet of the water meter, to a point on the outside wall of the building at a distance between 24" and 48" above finished grade.

4. Where the conduit terminates at the outside wall of the building, the conduit shall run and through the wall and terminate flush with the finished surface of the outside wall. The polyethylene shall be installed on the finished wall and sealed against the exterior.

5. The conduit shall be installed to a point on the front wall of the building, or within 6 feet of the front wall of the building if oriented on the side wall of the building.

6. The point on the outside wall of the building where the conduit terminates shall be accessible at all times. The property header location will be determined and approved by the Water Department Division. The location will be accessible to a meter reader with ease, shall not be behind locked gates or areas, must not be fenced in or in an area that requires a hazard for the meter reader due to vicious animals, but not limited to,

Dogs or other potentially dangerous animals
Bushes or other obstructions
Are in areas secured by gates

7. All conduit installations must comply with the NEC requirements.

8. Where the conduit terminates at the outside wall of the building, a close spaced 1 ½ minimum of 10" x 20" shall be provided on those areas of the wall suitable for retrieving the remote readout device transmitter.

9. The conduit connection takes from the water meter to the termination point on the outside wall must be the shortest, most direct route.

10. Only the approved meter wire shall be permitted to be installed inside the conduit.

11. All wire installed on the exterior of any building or structure, including above ceiling any water resistant shall be protected with a galvanized rigid metal conduit (or conduit specifically designed for exterior use) and the point of the exterior is approved by the Fire

12. The City shall supply the remote meter wire. The owner shall provide a pull string (minimum 400 Poly Fishline Line or equivalent) to run the conduit length, with a minimum of 36 inches of slack at each end. Both ends of the fishing line must be clearly tagged with the words "Water Meter". The fishing line shall be a continuous length piece without splices.

## WATER METER WIRING AND CONDUIT INSTALLATION

CLIENT: City of CREST HILL Illinois

**CITY OF CREST HILL**
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | CHKD. |
|---|---|---|---|
| | | | |

FILE NAME: M:\CREST HILL\WATER DISTRIBUTION\Details\Details.dgn

DSGN.
DWN.
CHKD.
SCALE
PLOT DATE: 10/11/2024
CAD USER: jpeterman
MODEL: Default

TITLE:
**CITY OF CREST HILL**
**WATER DISTRIBUTION SYSTEM DETAILS**

PROJ. NO.
DATE: 10/11/2024
SHEET OF
DRAWING NO.
WTR-2

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = cwesonic
PLOT SCALE =
PLOT DATE = 9/12/2024

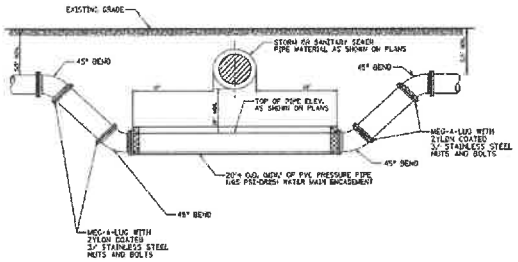
DESIGNED - DRAWN - CHECKED - DATE -
REVISED - REVISED - REVISED - REVISED -
REVISED - REVISED - REVISED - REVISED -

**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL ILLINOIS

**DETAILS**
SCALE | SHEET 15 OF 22 SHEETS | STA. | TO STA

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 48 |

PROJECT NO. 230652




WATER MAIN LOWERING

CLIENT: City of CREST HILL Illinois

**CITY OF CREST HILL**
1610 PLAINFIELD ROAD
CREST HILL, IL 60403

| NO. | DATE | NATURE OF REVISION | CHKD. |
|---|---|---|---|
| | | | |

FILE NAME: I:\CREST HILL\230852\Civil\Plan\Details.dgn

| | |
|---|---|
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| DWN. | |
| CHKD. | |
| SCALE: | |
| PLOT DATE: | 10/11/2024 |
| CAD USER: | jwoestman |
| MODEL: | Default |

TITLE:

# CITY OF CREST HILL
# WATER DISTRIBUTION SYSTEM DETAILS

| | |
|---|---|
| PROJ. NO. | |
| DATE: | 10/11/2024 |
| SHEET | OF |
| DRAWING NO. | WTR-3 |


V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

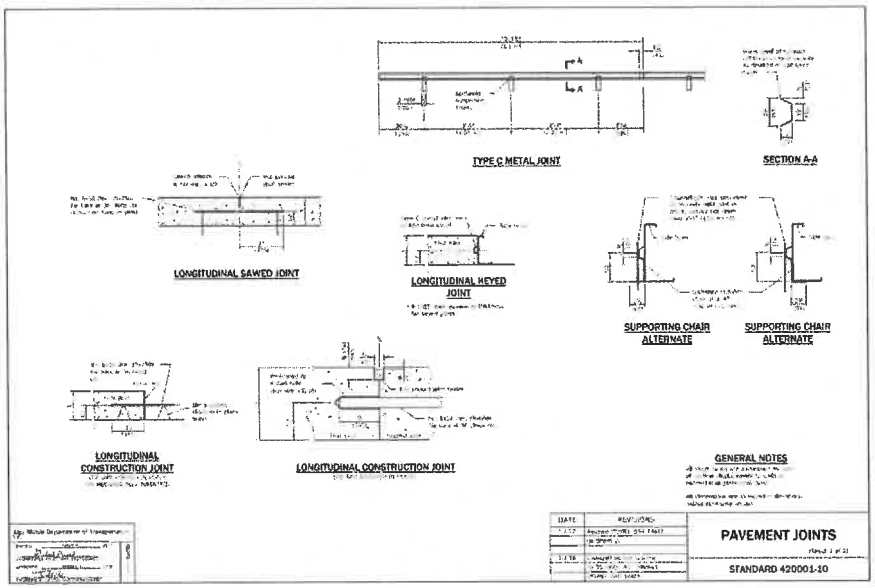

| | | | | |
|---|---|---|---|---|
| USER NAME: R.GRABOWSKI | DESIGNED - | REVISED - | REVISED - | |
| | DRAWN - | REVISED - | REVISED - | |
| PLOT SCALE: 1 | CHECKED - | REVISED - | REVISED - | |
| PLOT DATE: 1/1/2025 | DATE - | REVISED - | REVISED - | |

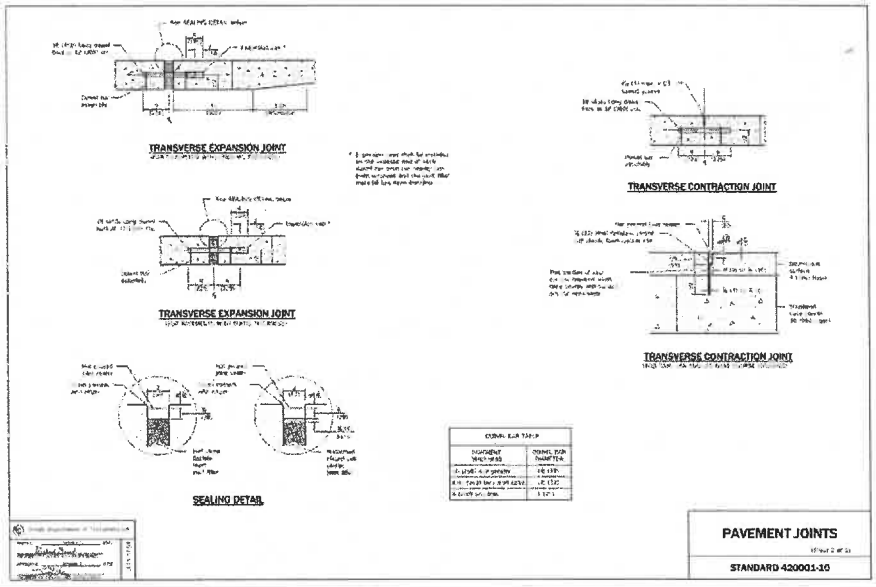
**WATER MAIN REPLACEMENT**
**OAKLAND AVENUE**
CREST HILL — ILLINOIS

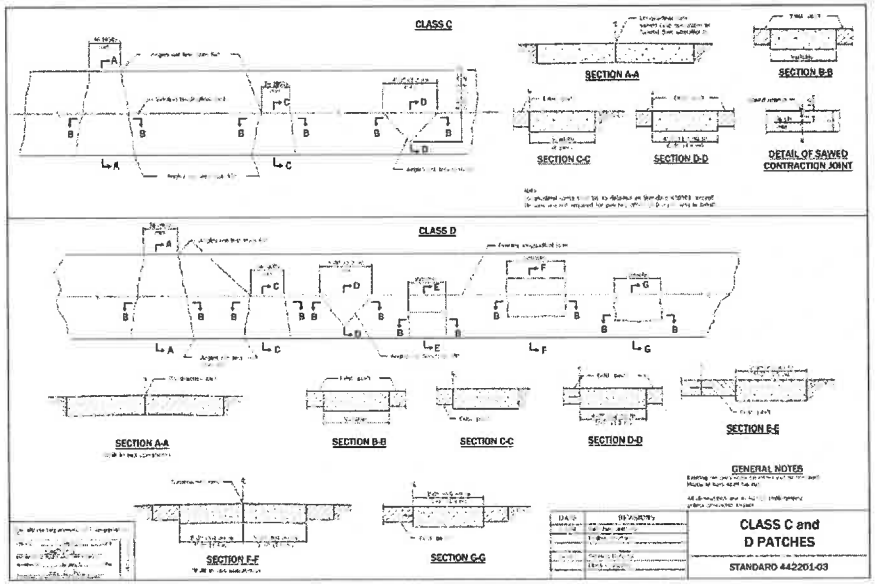
**DETAILS**
SCALE: — SHEET 16 OF 22 SHEETS — STA — TO STA

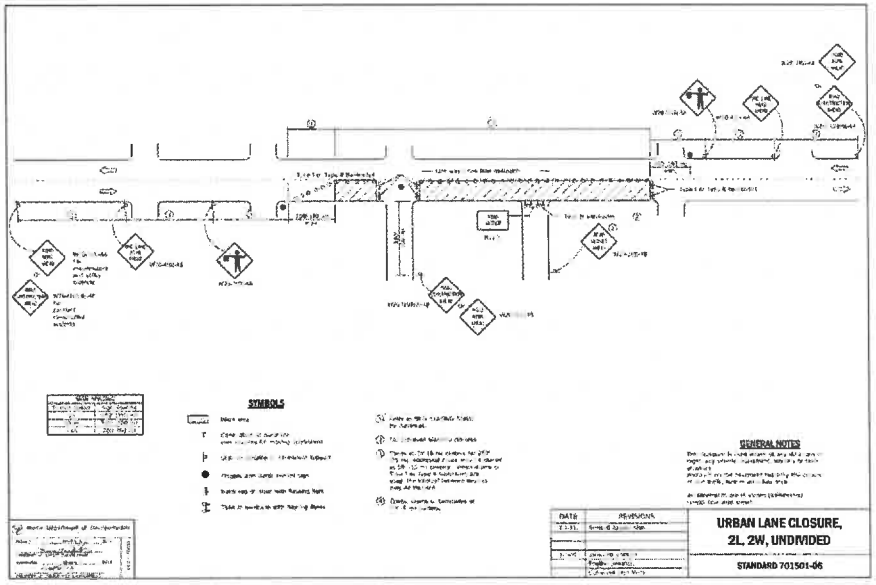
| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 49 |

PROJECT NO. 230852



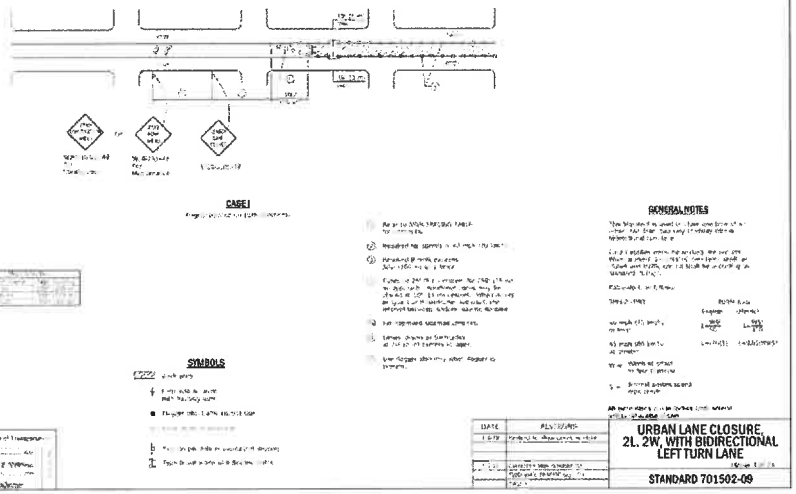




| | | | | | |
|---|---|---|---|---|---|
| USERNAME = rohlmann | DESIGNED - | REVISED - | REVISED - | WATER MAIN REPLACEMENT OAKLAND AVENUE | DETAILS |
| | DRAWN - | REVISED - | REVISED - | | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | CREST HILL ILLINOIS | SCALE: SHEET 17 OF 22 SHEETS STA. TO STA. |
| PLOT DATE = 3/12/2026 | DATE - | REVISED - | REVISED - | | |

| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 50 |
| PROJECT NO. 230852 | | |



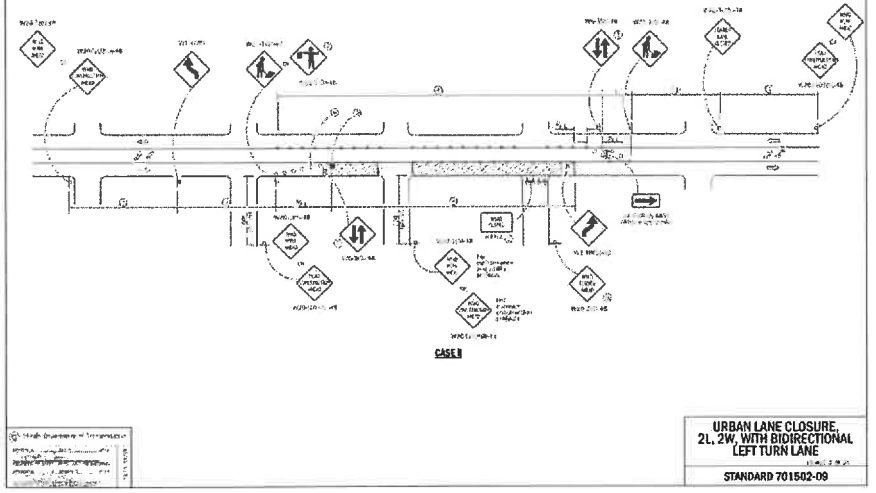
CASE I

SYMBOLS

GENERAL NOTES

URBAN LANE CLOSURE,
2L, 2W, WITH BIDIRECTIONAL
LEFT TURN LANE

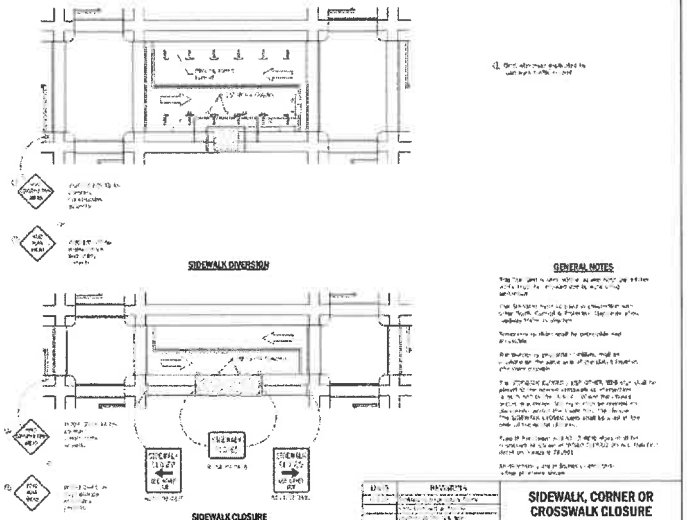
STANDARD 701502-09



CASE II

URBAN LANE CLOSURE,
2L, 2W, WITH BIDIRECTIONAL
LEFT TURN LANE

STANDARD 701502-09



SIDEWALK DIVERSION

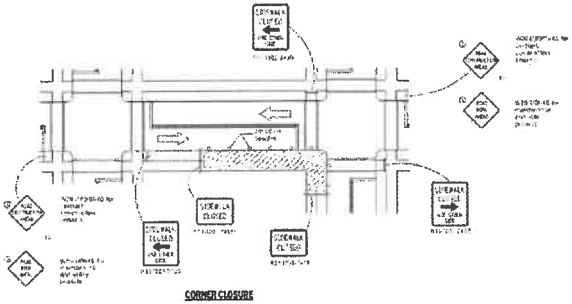
SIDEWALK CLOSURE

SYMBOLS

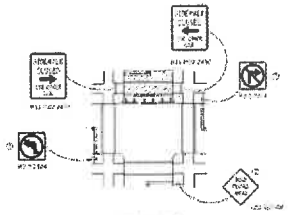
GENERAL NOTES

SIDEWALK, CORNER OR
CROSSWALK CLOSURE

STANDARD 701801-06



CORNER CLOSURE



CROSSWALK CLOSURE

SIDEWALK, CORNER OR
CROSSWALK CLOSURE

STANDARD 701801-06

| | | | | |
|---|---|---|---|---|
| USER NAME = rcrawford | DESIGNED - | REVISED - | REVISED - | |
| | DRAWN - | REVISED - | REVISED - | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | |
| PLOT DATE = 3/12/2026 | DATE - | REVISED - | REVISED - | |

WATER MAIN REPLACEMENT
OAKLAND AVENUE

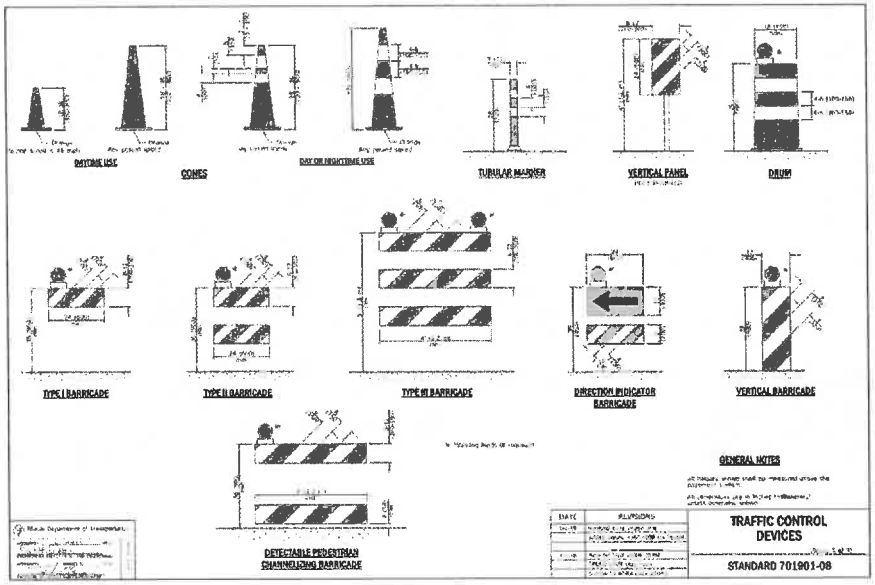
CREST HILL ILLINOIS

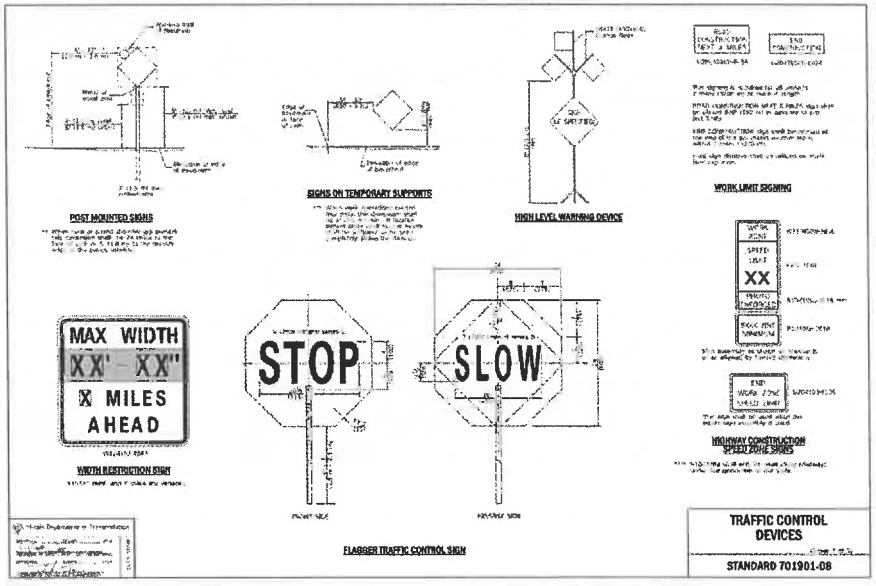
DETAILS

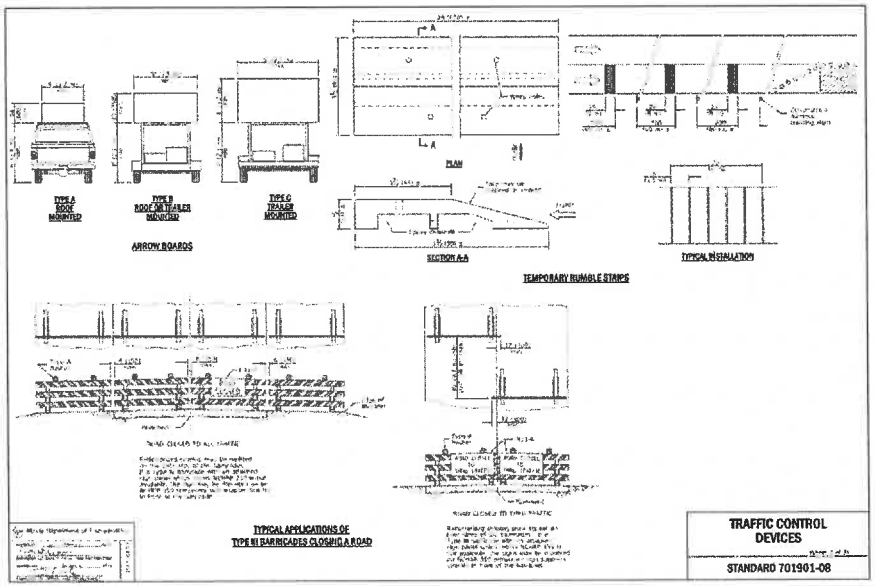
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| COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|
| WILL | 55 | 51 |

PROJECT NO. 230852



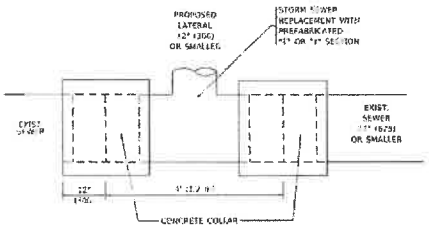




| | | | | | |
|---|---|---|---|---|---|
| USERNAME = SHINGARE | DESIGNED - | REVISED - | REVISED - | WATER MAIN REPLACEMENT OAKLAND AVENUE | DETAILS |
| | DRAWN - | REVISED - | REVISED - | | |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | | |
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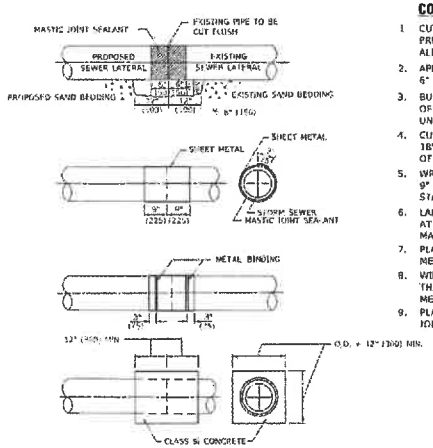
| COUNTY | TOTAL SHEETS | SHEET NO |
|---|---|---|
| WILL | 55 | 32 |

PROJECT NO. 230652




**DETAIL "A"**

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

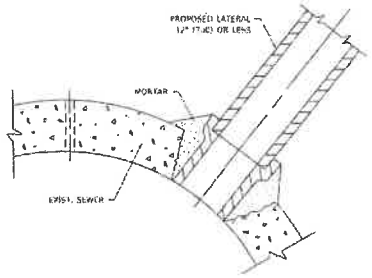



**DETAIL "B"**

CLASS SI CONCRETE COLLAR

## CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT. STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.




**DETAIL "C"**

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

# NOTES:

## MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

## CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
- A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
- B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

## GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

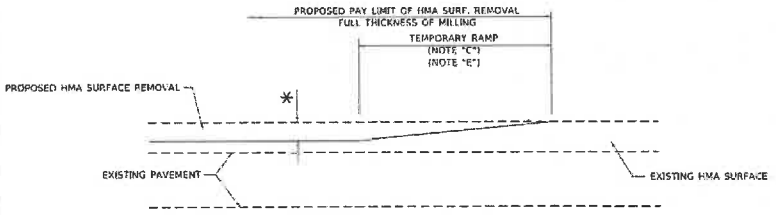
## BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS, THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION; FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.
2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.
3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.
4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

* ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

| | | | | | |
|---|---|---|---|---|---|
| USER NAME = Lawrence Lukanic | DESIGNED - M. DE VOS | REVISED - R. SHAH 05-09-94 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | DRAWN | REVISED - R. SHAH 10-25-94 | | | | | | | |
| PLOT SCALE = 100.0000 / Inch | CHECKED - | REVISED - R. SHAH 05-12-95 | | | | BD509-01 (BD-07) | | CONTRACT NO. | |
| PLOT DATE = 11/16/2021 | DATE 07-25-20 | REVISED - R. SMITH 11-28-22 | | SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. | | ILLINOIS FED. AID PROJECT | | | |

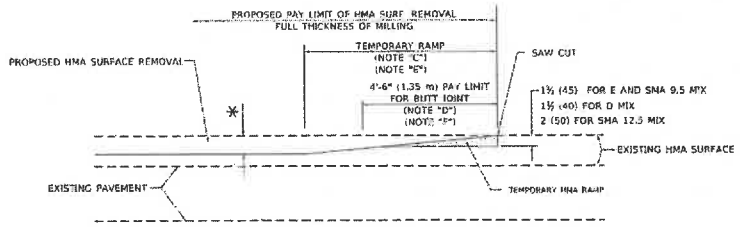
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| USER NAME = vmonaco | DESIGNED - | REVISED - | REVISED - | WATER MAIN REPLACEMENT OAKLAND AVENUE | DETAILS | COUNTY | TOTAL SHEETS | SHEET NO. |
| | DRAWN - | REVISED - | REVISED - | | | WILL | 55 | 53 |
| PLOT SCALE = | CHECKED - | REVISED - | REVISED - | | | PROJECT NO. 230652 | | |
| PLOT DATE = 3/2/2023 | DATE - | REVISED - | REVISED - | CREST HILL ILLINOIS | SCALE: SHEET 20 OF 22 SHEETS STA. TO STA. | | | |




**MILLED TEMPORARY RAMP**

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**

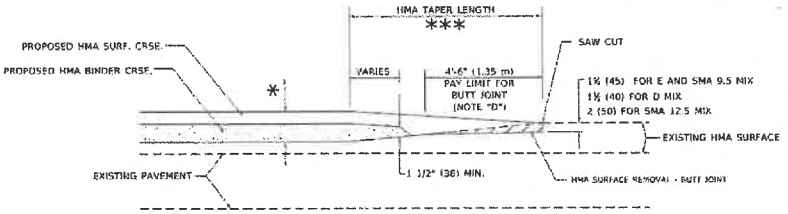



**HMA CONSTRUCTED TEMPORARY RAMP**

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

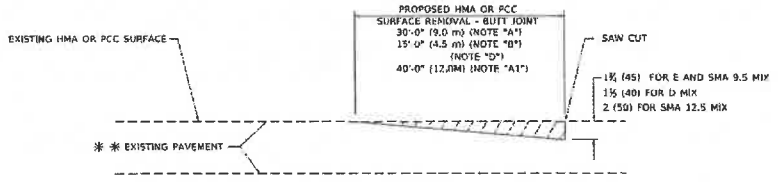
**OPTION 2**

## TYPICAL TEMPORARY RAMP

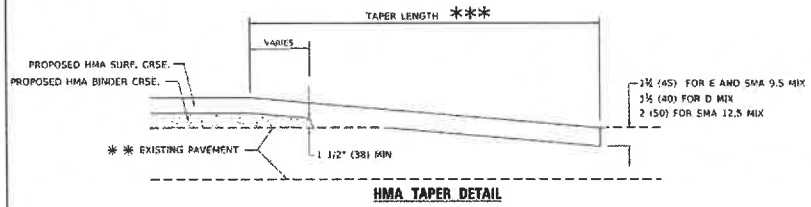



**BUTT JOINT AND HMA TAPER**

## TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING




**BUTT JOINT DETAIL**




**HMA TAPER DETAIL**

## TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

### GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

### BASIS OF PAYMENT

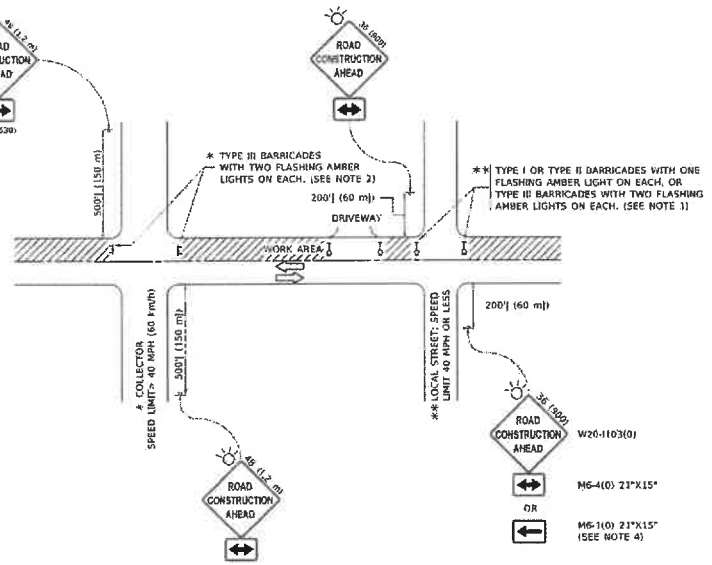
1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

| | | | | | |
|---|---|---|---|---|---|
| USER NAME = | DESIGNED - | REVISED - A. ABBAS 03-21-02 | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | BUTT JOINT AND HMA TAPER DETAILS | F.A. RTE. / SECTION / COUNTY / TOTAL SHEETS / SHEET NO. |
| | DRAWN - | REVISED - M. GOMEZ 04-06-01 | | SCALE: NONE / SHEET 1 OF 1 SHEETS / STA. / TO STA. | BD408-05 BD-32 / CONTRACT NO. |
| PLOT SCALE = | CHECKED - | REVISED - R. BOBO 01-01-02 | | | |
| PLOT DATE = | DATE - | REVISED - K. SMITH 11-28-12 | | | |

| | | | | | |
|---|---|---|---|---|---|
| USER NAME = | DESIGNED - | REVISED - | WATER MAIN REPLACEMENT<br>OAKLAND AVENUE | DETAILS | COUNTY / TOTAL SHEET / SHEET NO. |
| | DRAWN - | REVISED - | | | WILL / 55 / 54 |
| PLOT SCALE = | CHECKED - | REVISED - | CREST HILL ILLINOIS | SCALE: / SHEET 21 OF 22 SHEETS / STA. / TO STA. | PROJECT NO 230652 |
| PLOT DATE = | DATE - | REVISED - | | | |




## NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

| | | | | |
|---|---|---|---|---|
| USER NAME = | DESIGNED - | REVISED - A. BENDER 10-15-86 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS |
| | DRAWN - | REVISED - T. RAMHACHER 01-06-00 | | |
| PLOT SCALE = 50.2000 '/ in | CHECKED - | REVISED - A. SCHUETZE 07-01-13 | | SCALE: NONE SHEET 1 OF 1 SHEETS STA TO STA |
| PLOT DATE = 8/1/2019 | DATE - 10-15-86 | REVISED - A. SCHUETZE 05-15-19 | | |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | TC-10 | | | |
| | | CONTRACT NO. | | |
| | | TRUSS | FED. AID PROJ. NO. | |

| | | | | | |
|---|---|---|---|---|---|
| V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com | USER NAME = cmagana | DESIGNED - | REVISED - | REVISED - | WATER MAIN REPLACEMENT OAKLAND AVENUE CREST HILL ILLINOIS |
| | | DRAWN - | REVISED - | REVISED - | |
| | PLOT SCALE = | CHECKED - | REVISED - | REVISED - | |
| | PLOT DATE = 8/1/2019 | DATE - | REVISED - | REVISED - | |

| DETAILS | | | | | | |
|---|---|---|---|---|---|---|
| SCALE: | SHEET 22 OF 22 SHEETS | STA | TO STA | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | | WILL | 55 | 55 |
| | | | | PROJECT NO. 230852 | | |

OAKLAND AVENUE WATER MAIN IMPROVEMENT PROJECT

Illinois Department of Transportation

**Local Public Agency Proposal Bid Bond**

E-mail | Reset Form

| Local Public Agency | County | Section Number |
|---|---|---|
| City of Crest Hill | Will | N/A |

WE, P.T. Ferro Construction Co. as PRINCIPAL, and Travelers Casualty and Surety Company of America as SURETY, are held jointly, severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 10% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LPA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LPA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 16th (Day) of April, 2026 (Month and Year)

**Principal**

| Company Name | Company Name |
|---|---|
| P.T. Ferro Construction Co. | |
| Signature & Date | Signature & Date |
| By: 4/16/2026 | By: |
| Title | Title |
| Matthew Marketti - President | |

P.T. FERRO CONSTRUCTION CO. CORPORATE SEAL 1964 ILLINOIS

(If Principal is a joint venture of two or more contractors, the company names and authorized signatures of each contractor must be affixed.)

**Surety**

| Name of Surety | Signature of Attorney-in-Fact Signature & Date |
|---|---|
| Travelers Casualty and Surety Company of America | By: 4/16/2026 |
| | James I. Moore |

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA HARTFORD, CONN.

STATE OF IL
COUNTY OF DuPage

I Jacqueline M DeRidder, a Notary Public in and for said county do hereby certify that Matthew Marketti & James I. Moore

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 16th (Day) day of April, 2026 (Month and Year).

(SEAL, if required)

OFFICIAL SEAL
JACQUELINE M DERIDDER
Notary Public, State of Illinois
Commission No. 1020046
My Commission Expires
October 29, 2029

Notary Public Signature & Date

Date commission expires 10/29/2029

| Local Public Agency | County | Section Number |
|---|---|---|
| City of Crest Hill | Will | N/A |

## ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)**

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LPA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |

Company/Bidder Name

Signature & Date

Title

TRAVELERS

**Travelers Casualty and Surety Company of America**
**Travelers Casualty and Surety Company**
**St. Paul Fire and Marine Insurance Company**
**Farmington Casualty Company**

## POWER OF ATTORNEY

Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, St. Paul Fire and Marine Insurance Company, and Farmington Casualty Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and the Companies do hereby make, constitute and appoint James I. Moore of Downers Grove, IL , their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

**IN WITNESS WHEREOF**, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **4th** day of **March, 2024**.

State of Connecticut

City of Hartford ss.

By: _____
Bryce Grissom, Senior Vice President

On this the **4th** day of **March, 2024**, before me personally appeared **Bryce Grissom**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer

**IN WITNESS WHEREOF**, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June, 2026**

_____
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary, or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect

Dated this April 16, 2026

_____
Kevin E. Hughes, Assistant Secretary

***To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.***
***Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.***

Illinois Department of Transportation

**Local Public Agency**
**Formal Contract Proposal**

E-mail | Reset Form

## COVER SHEET

**Proposal Submitted By:**

Contractor's Name: P.T. Ferro Construction Co.

Contractor's Address: 700 S. Rowell Avenue | City: Joliet | State: IL | Zip Code: 60434

STATE OF ILLINOIS

Local Public Agency: City of Crest Hill | County: Will | Section Number: N/A

Route(s) (Street/Road Name): Oakland Avenue from Theodore Street to Ludwig Avenue | Type of Funds: Local

☐ Proposal Only ☐ Proposal and Plans ☐ Proposal only, plans are separate

Submitted/Approved
**For Local Public Agency:**

**For a County and Road District Project**

Submitted/Approved
Highway Commissioner Signature & Date

Submitted/Approved
County Engineer/Superintendent of Highways Signature & Date

**For a Municipal Project**

Submitted/Approved/Passed
Signature & Date

Official Title

**Department of Transportation**

Released for bid based on limited review
Regional Engineer Signature & Date

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| City of Crest Hill | Will | N/A | Oakland Avenue from Theodor |

## NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of the City of Crest Hill, Public Works
Name of Office

20600 City Center Boulevard, Crest Hill, IL 60403 until 10:00 AM on 04/16/26.
Address Time Date

Sealed proposals will be opened and read publicly at the office of City Hall 20600 City Center Blvd, Crest Hill 60403
Name of Office

at 10:00 AM on 04/16/26.
Address Time Date

## DESCRIPTION OF WORK

Location

Oakland Avenue from Theodore Street to Ludwig Avenue

Project Length

Proposed Improvement

Water main and service installation; Storm sewer removal and installation; Pavement removal and restoration; Pavement resurfacing; Driveway, Sidewalk, Curb & Gutter removal and replacement; Landscape restoration

1. Plans and proposal forms will be available in the office of

Contact Jason Holy at jholy@v3co.com or by calling 630-254-1522 and requesting a digital set.

2. ☑ Prequalification

If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
   a. Local Public Agency Formal Contract Proposal (BLR 12200)
   b. Schedule of Prices (BLR 12201)
   c. Proposal Bid Bond (BLR 12230) (if applicable)
   d. Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
   e. Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| City of Crest Hill | Will | N/A | Oakland Avenue from Theodore |

**PROPOSAL**

1. Proposal of _____
Contractor's Name
P.T. Ferro Construction Co. 700 S. Rowell Avenue, Joliet, IL 60434
Contractor's Address

2. The plans for the proposed work are those prepared by V3 Companies
and approved by the Department of Transportation on N/A

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the " Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.

5. The undersigned agrees to complete the work within _____ working days or by _____ unless additional time is granted in accordance with the specifications.

6. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.

7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.

8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.

9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.

10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: City Treasurer of Crest Hill.
The amount of the check is 10% Bid Bond ( 10% ).

**Attach Cashier's Check or Certified Check Here**

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number N/A

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| City of Crest Hill | Will | N/A | Oakland Avenue from Theodore |

## CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.

2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

   A violation of section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense, or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

   A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State of Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter or record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| City of Crest Hill | Will | N/A | Oakland Avenue from Theodore |

## SIGNATURES

(If an individual)

Bidder Signature & Date

Business Address

City | State | Zip Code

(If a partnership)

Firm Name

Signature & Date

Title

Business Address

City | State | Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name: P.T. Ferro Construction Co.

P.T. FERRO CONSTRUCTION CO. CORPORATE SEAL 1964 ILLINOIS

Signature & Date: 4/16/2026

Title: President

Business Address: 700 S. Rowell Avenue

City: Joliet | State: IL | Zip Code: 60434

Insert Names of Officers

President: Matt Marketti

Secretary: Wm. David Berkley

Treasurer: Diane Abernathy

Attest:

Secretary

Completed 03/11/26

Illinois Department of Transportation

# Affidavit of Availability

**For the Letting of** 4/16/2026
(Letting date)

**Instructions:** Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Bureau of Construction
2300 South Dirksen Parkway Room 322
Springfield, Illinois 62764

## Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

| | 1 | 2 | 3 | 4 | Awards Pending | |
|---|---|---|---|---|---|---|
| **Contract Number** | LARKIN AVE<br>62R25 | SCOTT ST. RESURFACING, JOLIET<br>#62R94 | BELL ROAD<br>19-00147-14-FP | EASTERN AVE | JOL 08-04 DISTRIBUTION SYSTEM WM | |
| **Contract With** | WALSH CONST | IDOT | WILL COUNTY | MANHATTAN | JOLIET | |
| **Estimated Completion Date** | | 6/1/2026 | 11/20/2026 | 5/1/2026 | 11/1/2027 | |
| **Total Contract Price** | 689,765.57 | 1,491,886.28 | 10,400,058.22 | 1,945,713.33 | 15,196,257.72 | Accumulated Totals |
| **Uncompleted Dollar Value if Firm is the Prime Contractor** | | 657,076.35 | 10,400,058.22 | 1,129,676.39 | 15,196,257.72 | 27,383,068.68 |
| **Uncompleted Dollar Value if Firm is the Subcontractor** | 193,937.77 | | | | | 193,937.77 |
| | | | | **Total Value of All Work** | | 27,577,006.45 |

## Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE**.

| | | | | | | Accumulated Totals |
|---|---|---|---|---|---|---|
| **Earthwork** | | | 928,002.68 | 323,017.94 | | 1,251,020.62 |
| **Portland Cement Concrete Paving** | | | | | | 0.00 |
| **HMA Plant Mix** | 188,877.77 | 439,253.26 | 2,018,708.97 | 446,043.25 | 880,825.00 | 3,973,708.25 |
| **HMA Paving** | | | | | | 0.00 |
| **Clean & Seal Cracks/Joints** | | | | | | 0.00 |
| **Aggregate Bases & Surfaces** | | | 537,151.50 | 204,506.00 | | 741,657.50 |
| **Highway,R.R. and Waterway Structures** | | | | | | 0.00 |
| **Drainage** | | | 2,013,967.00 | | 6,485,941.72 | 8,499,908.72 |
| **Electrical** | | | | | | 0.00 |
| **Cover and Seal Coats** | | | | | | 0.00 |
| **Concrete Construction** | | | 717,282.45 | 37,430.00 | 643,451.00 | 1,398,163.45 |
| **Landscaping** | | | | | | 0.00 |
| **Fencing** | | | | | | 0.00 |
| **Guardrail** | | | | | | 0.00 |
| **Painting** | | | | | | 0.00 |
| **Signing** | | | | | | 0.00 |
| **Cold Milling, Planning & Rotomilling** | 5,060.00 | 48,384.50 | 27,716.15 | 2,850.75 | | 84,011.40 |
| **Demolition** | | | | | | 0.00 |
| **Pavement Markings (Paint)** | | | | | | 0.00 |
| | | | | | | 0.00 |
| | | | | | | 0.00 |
| **Totals** | 193,937.77 | 487,637.76 | 6,242,828.75 | 1,013,847.94 | 8,010,217.72 | 15,948,469.94 |

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code"

Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center

**Part III. Work Subcontracted to Others**

For each contract described in Part I, list all the work you have subcontracted to others.

| | 1 | 2 | 3 | 4 | Awards Pending |
|---|---|---|---|---|---|
| **Subcontractor** | | | | EVERGREEN | STEVE SPIESS |
| **Type of Work** | | ELECTRIC | STRUCTURES | LJS | WATERMAIN |
| **Subcontract Price** | | 399,455.00 | 969,033.00 | 18,779.70 | 6,000,000.00 |
| **Amount Uncompleted** | | 91,708.91 | 969,033.00 | 18,779.70 | 6,000,000.00 |
| **Subcontractor** | | | | NORTHERN | AIRY'S INC. |
| **Type of Work** | | STRIPING | ELECTRICAL | GUARDRAIL | WATER SERVICES |
| **Subcontract Price** | | 27,993.23 | 1,815,623.40 | 106,985.30 | 1,000,000.00 |
| **Amount Uncompleted** | | 27,993.23 | 1,815,623.40 | | 1,000,000.00 |
| **Subcontractor** | | | | SEASONS | SEASON'S |
| **Type of Work** | | TRAFFIC | ENVIRONMENTAL | LANDSCAPE | LANDSCAPE |
| **Subcontract Price** | | 32,094.55 | 765,300.00 | 121,291.80 | 125,438.00 |
| **Amount Uncompleted** | | 5,000.00 | 765,300.00 | 60,000.00 | 125,438.00 |
| **Subcontractor** | | | | APR | APR |
| **Type of Work** | | LJS | LANDSCAPE | STRIPING/TRAFFIC | STRIPING/TRAFFIC |
| **Subcontract Price** | | 44,736.45 | 299,999.85 | 37,048.75 | 60,602.00 |
| **Amount Uncompleted** | | 44,736.45 | 299,999.85 | 37,048.75 | 60,602.00 |
| **Subcontractor** | | | | HOMER | |
| **Type of Work** | | | TRAFFIC/STRIPING | TREE REM | |
| **Subcontract Price** | | | 245,860.13 | 6,980.00 | |
| **Amount Uncompleted** | | | 245,860.13 | | |
| **Subcontractor** | | | | | |
| **Type of Work** | | | GUARDRAIL | | |
| **Subcontract Price** | | | 61,413.09 | | |
| **Amount Uncompleted** | | | 61,413.09 | | |
| **Subcontractor** | | | | | |
| **Type of Work** | | | | | |
| **Subcontract Price** | | | | | |
| **Amount Uncompleted** | | | | | |
| **Total Uncompleted** | | 169,438.59 | 4,157,229.47 | 115,828.45 | 7,186,040.00 |

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me

this _____ day of _____, 2026.

Type or Print Name Wm. David Berkley Vice President

Officer or Director Title

_____

Notary Public

Signed _____

My commission expires: _____

Company P.T. Ferro Construction Co.

(Notary Seal)

Address P.O. Box 156

Joliet, IL 60434-0156

Illinois Department of Transportation

# Affidavit of Availability

**For the Letting of** 4/16/2026
(Letting date)

**Instructions:** Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Bureau of Construction
2300 South Dirksen Parkway Room 322
Springfield, Illinois 62764

## Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE.**

| | 5 | 6 | 7 | 8 | Awards Pending | |
|---|---|---|---|---|---|---|
| **Contract Number** | IDOT I80 JOLIET JCT - WHEELER #62R89 | STATE STREET IDOT #61L72 | 127TH/NAPER 61J25 | W. RIVER ROAD | IMPERIAL DRIVE | |
| **Contract With** | WALSH CONSTRUCTION | IDOT | IDOT | WCDOT | CREST HILL | |
| **Estimated Completion Date** | 10/30/2026 | 7/1/2026 | 6/1/2026 | 11/30/2026 | | |
| **Total Contract Price** | 3,296,349.80 | 1,092,187.05 | 3,803,259.25 | 5,247,424.84 | 1,085,364.61 | Accumulated Totals |
| **Uncompleted Dollar Value if Firm is the Prime Contractor** | | 1,038,187.05 | 3,603,909.25 | 5,053,924.84 | 1,085,364.61 | 38,164,454.43 |
| **Uncompleted Dollar Value if Firm is the Subcontractor** | 563,507.48 | | | | | 757,445.25 |
| | | | | **Total Value of All Work** | | 38,921,899.68 |

## Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE.**

| | | | | | | Accumulated Totals |
|---|---|---|---|---|---|---|
| **Earthwork** | | 22,435.60 | 840,089.50 | 825,290.31 | 105,365.00 | 3,044,201.03 |
| **Portland Cement Concrete Paving** | | | | | | 0.00 |
| **HMA Plant Mix** | 496,657.68 | 493,782.25 | 1,008,142.00 | 997,187.60 | 135,234.60 | 7,104,712.38 |
| **HMA Paving** | | | | | | 0.00 |
| **Clean & Seal Cracks/Joints** | | | | | | 0.00 |
| **Aggregate Bases & Surfaces** | | 5,772.00 | 276,020.34 | 548,864.77 | 24,920.00 | 1,597,234.61 |
| **Highway,R.R. and Waterway Structures** | | | | | | 0.00 |
| **Drainage** | | 124,405.37 | 700,384.00 | 1,922,110.00 | 614,685.01 | 11,861,493.10 |
| **Electrical** | | | | | | 0.00 |
| **Cover and Seal Coats** | | | | | | 0.00 |
| **Concrete Construction** | | 146,604.00 | 125,390.00 | 242,318.00 | 118,205.00 | 2,030,680.45 |
| **Landscaping** | | | | | | 0.00 |
| **Fencing** | | | | | | 0.00 |
| **Guardrail** | | | | | | 0.00 |
| **Painting** | | | | | | 0.00 |
| **Signing** | | | | | | 0.00 |
| **Cold Milling, Planning & Rotomilling** | 66,849.80 | 114,536.73 | 8,842.55 | 2,475.00 | 2,490.00 | 279,205.48 |
| **Demolition** | | | | | | 0.00 |
| **Pavement Markings (Paint)** | | | | | | 0.00 |
| | | | | | | 0.00 |
| | | | | | | 0.00 |
| **Totals** | 563,507.48 | 907,535.95 | 2,958,868.39 | 4,538,245.68 | 1,000,899.61 | 25,917,527.05 |

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code"

Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center

**Part III. Work Subcontracted to Others**

For each contract described in Part I, list all the work you have subcontracted to others.

| | 5 | 6 | 7 | 8 | Awards Pending |
|---|---|---|---|---|---|
| **Subcontractor** | | | HOMER | PROTACK | SEASONS |
| **Type of Work** | | LJS | TREE REM | LJS | LANDSCAPE |
| **Subcontract Price** | | 30,289.36 | 3,400.00 | 7,296.00 | 71,050.00 |
| **Amount Uncompleted** | | 30,289.36 | 3,400.00 | 7,296.00 | 71,050.00 |
| **Subcontractor** | | | PROTACK | | PRECISION |
| **Type of Work** | | ELECTRIC | LJS | LANDSCAPE | STRIPING |
| **Subcontract Price** | | 8,693.52 | 29,216.88 | 299,930.55 | 4,915.00 |
| **Amount Uncompleted** | | 8,693.52 | 29,216.88 | 299,930.55 | 4,915.00 |
| **Subcontractor** | | | INTEGRAL | TRAFFIC CONT CORP | HOMER |
| **Type of Work** | | LANDSCAPE | ELECTRIC | STRIPING | TREE REM |
| **Subcontract Price** | | 13,500.12 | 309,511.50 | 79,415.61 | 8,500.00 |
| **Amount Uncompleted** | | 13,500.12 | 309,511.50 | 79,415.61 | 8,500.00 |
| **Subcontractor** | | | NORTHERN | WORK ZONE | |
| **Type of Work** | | STRIPING | GUARDRAIL | TRAFFIC | |
| **Subcontract Price** | | 58,363.10 | 100,309.43 | 77,238.00 | |
| **Amount Uncompleted** | | 58,363.10 | 100,309.43 | 77,238.00 | |
| **Subcontractor** | | | ARTEAGA | HOMER TREE | |
| **Type of Work** | | TRAFFIC | LANDSCAPE | TREE | |
| **Subcontract Price** | | 19,805.00 | 54,295.60 | 51,799.00 | |
| **Amount Uncompleted** | | 19,805.00 | 54,295.60 | 51,799.00 | |
| **Subcontractor** | | | ROADWAY LINES | | |
| **Type of Work** | | | STRIPING | | |
| **Subcontract Price** | | | 19,879.80 | | |
| **Amount Uncompleted** | | | 19,879.80 | | |
| **Subcontractor** | | | WORK ZONE | | |
| **Type of Work** | | | TRAFFIC | | |
| **Subcontract Price** | | | 128,427.65 | | |
| **Amount Uncompleted** | | | 128,427.65 | | |
| **Total Uncompleted** | | 130,651.10 | 645,040.86 | 515,679.16 | 84,465.00 |

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me

this _____ day of _____, 2026.

Type or Print Name Wm. David Berkley — Officer or Director

Vice President — Title

_____
Notary Public

Signed _____

My commission expires: _____

Company P.T. Ferro Construction Co.

(Notary Seal)

Address P.O. Box 156

Joliet, IL 60434-0156

Illinois Department of Transportation

# Affidavit of Availability

**For the Letting of** 4/16/2026
(Letting date)

**Instructions:** Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Bureau of Construction
2300 South Dirksen Parkway Room 322
Springfield, Illinois 62764

## Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE.**

| | 9 | 10 | 11 | 12 | Awards Pending | |
|---|---|---|---|---|---|---|
| **Contract Number** | 2025 RESURFACING "A" | FRONT ST WATERMAIN | ASH & COOPER WATERMAIN | DIVISION STREET RECONSTRUCTION | | |
| **Contract With** | JOLIET | MANHATTAN | NEW LENOX | CREST HILL | | |
| **Estimated Completion Date** | 7/1/2026 | 6/30/2026 | 7/31/2026 | 8/28/2026 | | |
| **Total Contract Price** | 516,142.58 | 455,958.00 | 1,871,302.07 | 1,854,145.43 | | Accumulated Totals |
| **Uncompleted Dollar Value if Firm is the Prime Contractor** | 516,142.58 | 455,958.00 | 1,871,302.07 | 1,854,145.43 | | 42,862,002.51 |
| **Uncompleted Dollar Value if Firm is the Subcontractor** | | | | | | 757,445.25 |
| | | | | **Total Value of All Work** | | 43,619,447.76 |

## Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE.**

| | | | | | | Accumulated Totals |
|---|---|---|---|---|---|---|
| **Earthwork** | | | | 284,899.50 | | 3,329,100.53 |
| **Portland Cement Concrete Paving** | | | | | | 0.00 |
| **HMA Plant Mix** | 231,410.93 | | 178,890.00 | 669,274.08 | | 8,184,287.39 |
| **HMA Paving** | | | | | | 0.00 |
| **Clean & Seal Cracks/Joints** | | | | | | 0.00 |
| **Aggregate Bases & Surfaces** | 6,348.11 | | | 215,690.50 | | 1,819,273.22 |
| **Highway,R.R. and Waterway Structures** | | | | | | 0.00 |
| **Drainage** | 30,400.00 | 440,108.00 | 1,195,509.07 | 292,279.07 | | 13,819,789.24 |
| **Electrical** | | | | | | 0.00 |
| **Cover and Seal Coats** | | | | | | 0.00 |
| **Concrete Construction** | 154,405.00 | 2,250.00 | 6,525.00 | 242,445.00 | | 2,436,305.45 |
| **Landscaping** | | | | | | 0.00 |
| **Fencing** | | | | | | 0.00 |
| **Guardrail** | | | | | | 0.00 |
| **Painting** | | | | | | 0.00 |
| **Signing** | | | | | | 0.00 |
| **Cold Milling, Planning & Rotomilling** | 65,027.33 | | | 5,950.00 | | 350,182.81 |
| **Demolition** | | | | | | 0.00 |
| **Pavement Markings (Paint)** | | | | | | 0.00 |
| | | | | | | 0.00 |
| | | | | | | 0.00 |
| **Totals** | 487,591.37 | 442,358.00 | 1,380,924.07 | 1,710,538.15 | | 29,938,938.64 |

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code"
Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

**Part III. Work Subcontracted to Others**

For each contract described in Part I, list all the work you have subcontracted to others.

| | 9 | 10 | 11 | 12 | Awards Pending |
|---|---|---|---|---|---|
| **Subcontractor** | APR | SEASONS | | H&H ELECTRIC | |
| **Type of Work** | STRIPING/TRAFFIC | LANDSCAPE | TREE | ELECTRIC | |
| **Subcontract Price** | 16,314.30 | 13,600.00 | 3,525.00 | 18,067.27 | |
| **Amount Uncompleted** | 16,314.30 | 13,600.00 | 3,525.00 | 18,067.27 | |
| **Subcontractor** | H&H | | | SEASONS | |
| **Type of Work** | ELECTRIC | | LANDSCAPE | LANDSCAPE | |
| **Subcontract Price** | 12,236.91 | | 70,520.00 | 49,829.00 | |
| **Amount Uncompleted** | 12,236.91 | | 70,520.00 | 49,829.00 | |
| **Subcontractor** | | | | | |
| **Type of Work** | | | STRIPING | STRIPING | |
| **Subcontract Price** | | | 4,950.00 | 20,011.00 | |
| **Amount Uncompleted** | | | 4,950.00 | 20,011.00 | |
| **Subcontractor** | | | | | |
| **Type of Work** | | | WATER SERVICE | TRAFFIC | |
| **Subcontract Price** | | | 411,383.00 | 55,700.01 | |
| **Amount Uncompleted** | | | 411,383.00 | 55,700.01 | |
| **Subcontractor** | | | | | |
| **Type of Work** | | | | | |
| **Subcontract Price** | | | | | |
| **Amount Uncompleted** | | | | | |
| **Subcontractor** | | | | | |
| **Type of Work** | | | | | |
| **Subcontract Price** | | | | | |
| **Amount Uncompleted** | | | | | |
| **Subcontractor** | | | | | |
| **Type of Work** | | | | | |
| **Subcontract Price** | | | | | |
| **Amount Uncompleted** | | | | | |
| **Total Uncompleted** | 28,551.21 | 13,600.00 | 490,378.00 | 143,607.28 | |

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me

this _____ day of _____, 2026.

Type or Print Name Wm. David Berkley — Officer or Director

Vice President — Title

_____
Notary Public

Signed _____

My commission expires: _____

Company P.T. Ferro Construction Co.

(Notary Seal)

Address P.O. Box 156

Joliet, IL 60434-0156

Illinois Department of Transportation

# Affidavit of Availability

**For the Letting of** 4/16/2026
(Letting date)

**Instructions:** Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Bureau of Construction
2300 South Dirksen Parkway Room 322
Springfield, Illinois 62764

## Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE.**

| | 13 | 14 | 15 | 16 | Awards Pending | |
|---|---|---|---|---|---|---|
| **Contract Number** | 2026 ROADWAY RECONSTRUCTIO N | 2026 MFT | 2026 PAVING PROGRAM | 4TH & EASTERN WATERMAIN | 80B13 - IL 53 RESURFACING, JOLIET | |
| **Contract With** | LOCKPORT | TINLEY PARK | CARILLON LAKES | CITY OF JOLIET | IDOT | |
| **Estimated Completion Date** | | 8/31/2026 | 11/1/2026 | 11/30/2026 | | |
| **Total Contract Price** | 2,992,779.37 | 3,192,007.85 | 1,487,764.81 | 3,601,647.55 | 1,424,777.22 | Accumulated Totals |
| **Uncompleted Dollar Value if Firm is the Prime Contractor** | 2,992,779.37 | 3,192,007.85 | 1,487,764.81 | 3,601,647.55 | 1,424,777.22 | 55,560,979.31 |
| **Uncompleted Dollar Value if Firm is the Subcontractor** | | | | | | 757,445.25 |
| | | | | | | 56,318,424.56 |

## Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE.**

| | | | | | | Accumulated Totals |
|---|---|---|---|---|---|---|
| **Earthwork** | 308,944.90 | 21,800.00 | 19,188.33 | | | 3,679,033.76 |
| **Portland Cement Concrete Paving** | | | | | | 0.00 |
| **HMA Plant Mix** | 336,081.50 | 1,318,670.58 | 902,146.19 | 277,000.00 | 777,727.05 | 11,795,912.71 |
| **HMA Paving** | | | | | | 0.00 |
| **Clean & Seal Cracks/Joints** | | | | | | 0.00 |
| **Aggregate Bases & Surfaces** | 103,739.32 | | 20,089.54 | | | 1,943,102.08 |
| **Highway,R.R. and Waterway Structures** | | | | | | 0.00 |
| **Drainage** | 834,945.20 | 11,602.40 | 3,000.79 | 2,327,424.75 | 9,250.00 | 17,006,012.38 |
| **Electrical** | | | | | | 0.00 |
| **Cover and Seal Coats** | | | | | | 0.00 |
| **Concrete Construction** | 770,817.99 | 1,383,529.12 | 392,254.81 | 384,050.00 | 311,453.76 | 5,678,411.13 |
| **Landscaping** | | | | | | 0.00 |
| **Fencing** | | | | | | 0.00 |
| **Guardrail** | | | | | | 0.00 |
| **Painting** | | | | | | 0.00 |
| **Signing** | | | | | | 0.00 |
| **Cold Milling, Planning & Rotomilling** | 25,111.50 | 400,791.20 | 151,085.15 | | 16,367.32 | 943,537.98 |
| **Demolition** | | | | | | 0.00 |
| **Pavement Markings (Paint)** | | | | | | 0.00 |
| | | | | | | 0.00 |
| | | | | | | 0.00 |
| **Totals** | 2,379,640.41 | 3,136,393.30 | 1,487,764.81 | 2,988,474.75 | 1,114,798.13 | 41,046,010.04 |

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code"

Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center

**Part III. Work Subcontracted to Others**

For each contract described in Part I, list all the work you have subcontracted to others.

| | 13 | 14 | 15 | 16 | Awards Pending |
|---|---|---|---|---|---|
| **Subcontractor** | | H&H | | H&H | POWER LINK |
| **Type of Work** | ELECTRIC | ELECTRIC | | ELECTRIC | ELECTRIC |
| **Subcontract Price** | 72,093.00 | 15,080.00 | | 22,807.30 | 202,448.44 |
| **Amount Uncompleted** | 72,093.00 | 15,080.00 | | 22,807.30 | 202,448.44 |
| **Subcontractor** | | APR | | SEASONS | VETERANS VAC |
| **Type of Work** | LANDSCAPE | STRIPING & TCP | | LANDSCAPE | SEWER CLEAN |
| **Subcontract Price** | 285,990.00 | 40,534.55 | | 36,500.00 | 28,800.00 |
| **Amount Uncompleted** | 285,990.00 | 40,534.55 | | 36,500.00 | 28,800.00 |
| **Subcontractor** | | | | STIPP | APR |
| **Type of Work** | MASONRY | | | WATER SERVICE | STRIPING / TCP |
| **Subcontract Price** | 126,001.60 | | | 482,995.00 | 52,230.65 |
| **Amount Uncompleted** | 126,001.60 | | | 482,995.00 | 52,230.65 |
| **Subcontractor** | | | | PRECISION | HOMER |
| **Type of Work** | SEWER CLEANING | | | PAVEMENT MK | TREE REM |
| **Subcontract Price** | 42,723.00 | | | 11,550.50 | 26,500.00 |
| **Amount Uncompleted** | 72,723.00 | | | 11,550.50 | 26,500.00 |
| **Subcontractor** | | | | WORK ZONE | |
| **Type of Work** | STRIPING | | | TRAFFIC | |
| **Subcontract Price** | 8,733.36 | | | 59,320.00 | |
| **Amount Uncompleted** | 7,833.36 | | | 59,320.00 | |
| **Subcontractor** | | | | | |
| **Type of Work** | TRAFFIC | | | | |
| **Subcontract Price** | 29,980.00 | | | | |
| **Amount Uncompleted** | 29,980.00 | | | | |
| **Subcontractor** | | | | | |
| **Type of Work** | TREE REMOVAL | | | | |
| **Subcontract Price** | 18,518.00 | | | | |
| **Amount Uncompleted** | 18,518.00 | | | | |
| **Total Uncompleted** | 613,138.96 | 55,614.55 | | 613,172.80 | 309,979.09 |

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me

this _____ day of _____, 2026.

Type or Print Name Wm. David Berkley (Officer or Director) Vice President (Title)

_____
Notary Public

Signed _____

My commission expires: _____

Company P.T. Ferro Construction Co.

(Notary Seal)

Address P.O. Box 156

Joliet, IL 60434-0156

Illinois Department of Transportation

# Affidavit of Availability

**For the Letting of** 4/16/2026
(Letting date)

**Instructions:** Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Bureau of Construction
2300 South Dirksen Parkway Room 322
Springfield, Illinois 62764

## Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE.**

| | 17 | 18 | 19 | 20 | Awards Pending | |
|---|---|---|---|---|---|---|
| Contract Number | PARKING LOT MAINTENANCE | PLAINFIELD TWP | CH 36 RENWICK ROAD<br>26-00160-18-GM | | | |
| Contract With | ORLAND PARK | WCDOT | WCDOT | | | |
| Estimated Completion Date | | | 7/3/2026 | | | |
| Total Contract Price | 350,375.00 | 194,014.90 | 958,266.60 | | | Accumulated Totals |
| Uncompleted Dollar Value if Firm is the Prime Contractor | 350,375.00 | 194,014.90 | 958,266.60 | | | 57,063,635.81 |
| Uncompleted Dollar Value if Firm is the Subcontractor | | | | | | 757,445.25 |
| | | | | Total Value of All Work | | 57,821,081.06 |

## Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE.**

| | | | | | | Accumulated Totals |
|---|---|---|---|---|---|---|
| Earthwork | | | | | | 3,679,033.76 |
| Portland Cement Concrete Paving | | | | | | 0.00 |
| HMA Plant Mix | 280,550.00 | 194,014.90 | 636,872.35 | | | 12,907,349.96 |
| HMA Paving | | | | | | 0.00 |
| Clean & Seal Cracks/Joints | | | | | | 0.00 |
| Aggregate Bases & Surfaces | | | | | | 1,943,102.08 |
| Highway,R.R. and Waterway Structures | | | 55,245.00 | | | 55,245.00 |
| Drainage | | | | | | 17,006,012.38 |
| Electrical | | | | | | 0.00 |
| Cover and Seal Coats | | | | | | 0.00 |
| Concrete Construction | 10,625.00 | | 13,325.00 | | | 5,702,361.13 |
| Landscaping | | | | | | 0.00 |
| Fencing | | | | | | 0.00 |
| Guardrail | | | | | | 0.00 |
| Painting | | | | | | 0.00 |
| Signing | | | | | | 0.00 |
| Cold Milling, Planning & Rotomilling | 59,200.00 | | 87,745.35 | | | 1,090,483.33 |
| Demolition | | | | | | 0.00 |
| Pavement Markings (Paint) | | | | | | 0.00 |
| | | | | | | 0.00 |
| | | | | | | 0.00 |
| Totals | 350,375.00 | 194,014.90 | 793,187.70 | 0.00 | 0.00 | 42,383,587.64 |

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code"

Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center

**Part III. Work Subcontracted to Others**

For each contract described in Part I, list all the work you have subcontracted to others.

| | 17 | 18 | 19 | 20 | Awards Pending |
|---|---|---|---|---|---|
| **Subcontractor** | | | SB CENTRIC | | |
| **Type of Work** | | | ELECTRIC | | |
| **Subcontract Price** | | | 17,000.00 | | |
| **Amount Uncompleted** | | | 17,000.00 | | |
| **Subcontractor** | | | EVERGREEN | | |
| **Type of Work** | | | LJS | | |
| **Subcontract Price** | | | 61,965.00 | | |
| **Amount Uncompleted** | | | 61,965.00 | | |
| **Subcontractor** | | | APR | | |
| **Type of Work** | | | RRPM/RUMBLE | | |
| **Subcontract Price** | | | 56,207.90 | | |
| **Amount Uncompleted** | | | 56,207.90 | | |
| **Subcontractor** | | | WORK ZONE | | |
| **Type of Work** | | | TRAFFIC | | |
| **Subcontract Price** | | | 29,906.00 | | |
| **Amount Uncompleted** | | | 29,906.00 | | |
| **Subcontractor** | | | | | |
| **Type of Work** | | | | | |
| **Subcontract Price** | | | | | |
| **Amount Uncompleted** | | | | | |
| **Subcontractor** | | | | | |
| **Type of Work** | | | | | |
| **Subcontract Price** | | | | | |
| **Amount Uncompleted** | | | | | |
| **Subcontractor** | | | | | |
| **Type of Work** | | | | | |
| **Subcontract Price** | | | | | |
| **Amount Uncompleted** | | | | | |
| **Total Uncompleted** | | | 165,078.90 | | |

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this 16th day of APRIL, 2026.

Notary Public

My commission expires: 12/06/27

(Notary Seal)

OFFICIAL SEAL
ALEXANDER C CRAIN
NOTARY PUBLIC, STATE OF ILLINOIS
COMMISSION NO. 982723
MY COMMISSION EXPIRES 12/06/2027

Type or Print Name Wm. David Berkley — Officer or Director — Vice President — Title

Signed

Company P.T. Ferro Construction Co.

Address P.O. Box 156

Joliet, IL 60434-0156

**Subcontractor Form**

| Contractor Name | Conractor Contact Information | Work Performed |
|---|---|---|
| Season's Landscape | John Young - (815) 723-0200 | Restoration |
| Precision Pavement Marking | Fred Salazar - (847) 931-9092 | Striping |
| Work Zone Safety | Doug Roozeboom - (815) 834-0429 | Traffic Control |
| Strip Brothers Excavating | Ted Stip - (815) 693-2817 | Water Services |
| Superior Excavating | Brad Hoover - (815) 409-0721 | Insertion Valve |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Prime Contractor: P.T. Ferro Construction Co.

**BID TAB**
**RETURN WITH BID**
**BASE BID FOR OAKLAND AVENUE**

| ITEM NO. | PAY ITEM | UNIT | TOTAL QUANTITY | UNIT PRICE | TOTAL BID COST |
|---|---|---|---|---|---|
| 20101200 | TREE ROOT PRUNING | EACH | 7 | $ 0.01 | $ 0.07 |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS | CU YD | 215 | $ 30.00 | $ 6,450.00 |
| 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 650 | $ 3.00 | $ 1,950.00 |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 100 | $ 0.01 | $ 1.00 |
| 28000510 | INLET FILTERS | EACH | 11 | $ 250.00 | $ 2,750.00 |
| 28001100 | TEMPORARY EROSION CONTROL BLANKET | SQ YD | 1,212 | $ 0.01 | $ 12.12 |
| 30300001 | AGGREGATE SUBGRADE IMPROVEMENT | CU YD | 215 | $ 35.00 | $ 7,525.00 |
| 35102200 | AGGREGATE BASE COURSE, TYPE B 10" | SQ YD | 1,566 | $ 25.00 | $ 39,150.00 |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 2,950 | $ 0.01 | $ 29.50 |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 2,912 | $ 0.01 | $ 29.12 |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 14 | $ 100.00 | $ 1,400.00 |
| 40602978 | HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50 | TON | 13 | $ 250.00 | $ 3,250.00 |
| 40603200 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | TON | 249 | $ 150.00 | $ 37,350.00 |
| 40604060 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 | TON | 372 | $ 110.00 | $ 40,920.00 |
| 42000401 | PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED) | SQ YD | 254 | $ 120.00 | $ 30,480.00 |
| 42400800 | DETECTABLE WARNINGS | SQ FT | 54 | $ 20.00 | $ 1,080.00 |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 2,181 | $ 11.50 | $ 25,081.50 |
| 44000159 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | SQ YD | 3,072 | $ 3.50 | $ 10,752.00 |
| 44201711 | CLASS D PATCHES, TYPE IV, 5 INCH | SQ YD | 1,869 | $ 70.00 | $ 130,830.00 |
| 50100100 | STRUCTURES TO BE REMOVED | EACH | 5 | $ 700.00 | $ 3,500.00 |
| 550A2520 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12" | FOOT | 104 | $ 75.00 | $ 7,800.00 |
| 550A2550 | STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 21" | FOOT | 769 | $ 115.00 | $ 88,435.00 |
| 55100400 | STORM SEWER REMOVAL 10" | FOOT | 30 | $ 20.00 | $ 600.00 |
| 55101100 | STORM SEWER REMOVAL 21" | FOOT | 780 | $ 30.00 | $ 23,400.00 |
| 56103000 | DUCTILE IRON WATER MAIN, 6" | FOOT | 68 | $ 180.00 | $ 12,240.00 |
| 56103100 | DUCTILE IRON WATER MAIN, 8" | FOOT | 1,403 | $ 165.00 | $ 231,495.00 |
| 56105000 | WATER VALVES, 8" | EACH | 8 | $ 2,800.00 | $ 22,400.00 |
| 56400500 | FIRE HYDRANT TO BE REMOVED | EACH | 2 | $ 2,000.00 | $ 4,000.00 |
| 56400820 | FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX | EACH | 5 | $ 8,000.00 | $ 40,000.00 |
| 56500800 | DOMESTIC WATER SERVICE BOX | EACH | 31 | $ 600.00 | $ 18,600.00 |
| 59300100 | CONTROLLED LOW-STRENGTH MATERIAL | CU YD | 90 | $ 245.00 | $ 22,050.00 |
| 60200105 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID | EACH | 1 | $ 3,200.00 | $ 3,200.00 |
| 60200205 | CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1 | $ 3,200.00 | $ 3,200.00 |
| 60206905 | CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID | EACH | 3 | $ 1,800.00 | $ 5,400.00 |

| | | | | | |
|---|---|---|---|---|---|
| 60218400 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 6 | $3,800.00 | $22,800.00 |
| 60234200 | INLETS, TYPE A, TYPE 1 FRAME, OPEN LID | EACH | 1 | $1,800.00 | $1,800.00 |
| 60248900 | VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 8 | $5,150.00 | $41,200.00 |
| 66900200 | NON-SPECIAL WASTE DISPOSAL | CU YD | 367 | $80.00 | $29,360.00 |
| 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 290 | $6.80 | $1,972.00 |
| 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 100 | $22.60 | $2,260.00 |
| 78008230 | POLYUREA PAVEMENT MARKING TYPE I - LINE 6" | FOOT | 107 | $36.00 | $3,852.00 |
| 78008270 | POLYUREA PAVEMENT MARKING TYPE I - LINE 24" | FOOT | 18 | $92.50 | $1,665.00 |
| 78011035 | GROOVING FOR RECESSED PAVEMENT MARKING 7" | FOOT | 107 | $7.80 | $834.60 |
| 78011125 | GROOVING FOR RECESSED PAVEMENT MARKING 25" | FOOT | 118 | $15.00 | $1,770.00 |
| X0324878 | SANITARY SEWER SERVICE ADJUSTMENT | FOOT | 50 | $150.00 | $7,500.00 |
| X1200221 | CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE) | EACH | 5 | $5,000.00 | $25,000.00 |
| X2080250 | TRENCH BACKFILL, SPECIAL | CU YD | 2,723 | $0.01 | $27.23 |
| X2130010 | EXPLORATION TRENCH, SPECIAL | FOOT | 500 | $0.01 | $5.00 |
| X5610656 | WATER MAIN TO BE ABANDONED, 6" | FOOT | 1,396 | $0.01 | $13.96 |
| X5610706 | WATER MAIN REMOVAL, 6" | FOOT | 46 | $50.00 | $2,300.00 |
| X6026050 | SANITARY MANHOLES TO BE ADJUSTED | EACH | 6 | $800.00 | $4,800.00 |
| X6026622 | VALVE VAULTS TO BE REMOVED | EACH | 1 | $1,000.00 | $1,000.00 |
| X6026632 | VALVE BOXES TO BE REMOVED | EACH | 4 | $575.00 | $2,300.00 |
| X7010216 | TRAFFIC CONTROL & PROTECTION (SPECIAL) | L SUM | 1 | $90,000.00 | $90,000.00 |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 | $8,000.00 | $8,000.00 |
| Z0018400 | STORM STRUCTURES TO BE ADJUSTED | EACH | 6 | $350.00 | $2,100.00 |
| | CASH ALLOWANCE | UNITS | 15,000 | $1.00 | $15,000.00 |
| | CATCH BASIN (SPECIAL) | EACH | 1 | $7,200.00 | $7,200.00 |
| | CITY CONSTRUCTION SIGN | SQ FT | 4 | $250.00 | $1,000.00 |
| | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL) | FOOT | 2,171 | $40.00 | $86,840.00 |
| | DETOUR SIGNAGE, PHASE 1 | EACH | 55 | $97.00 | $5,335.00 |
| | DETOUR SIGNAGE, PHASE 2 | EACH | 110 | $104.00 | $11,440.00 |
| | DUCTILE IRON WATERMAIN, "THEODORE ROAD", 8" | FOOT | 47 | $300.00 | $14,100.00 |
| | FRAME AND LID TO BE ADJUSTED (SPECIAL) | EACH | 1 | $1,000.00 | $1,000.00 |
| | INSERTION VALVES, 8" | EACH | 1 | $10,000.00 | $10,000.00 |
| | PARKWAY RESTORATION - SODDING | SQ YD | 1,212 | $16.50 | $19,998.00 |
| | PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT | SQ YD | 385 | $120.00 | $46,200.00 |
| | PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL) | SQ FT | 1,469 | $17.00 | $24,973.00 |
| | SUMP LINE | FOOT | 160 | $80.00 | $12,800.00 |
| | TEMPORARY ACCESS | EACH | 23 | $0.01 | $0.23 |
| | TEMPORARY PAVEMENT, 2" | SQ YD | 2,181 | $0.01 | $21.81 |
| | WATER MAIN CASING SLEEVE | FOOT | 20 | $120.00 | $2,400.00 |
| | WATER SERVICE LINE, 1" (LONG) | EACH | 12 | $6,700.00 | $80,400.00 |
| | WATER SERVICE LINE, 1" (SHORT) | EACH | 19 | $5,600.00 | $106,400.00 |
| TOTAL | | | | | $1,521,028.14 |

**BID TAB**
**RETURN WITH BID**
**ALTERNATE 1 FOR OAKLAND AVENUE**

| ITEM NO. | PAY ITEM | UNIT | TOTAL QUANTITY | UNIT PRICE | TOTAL BID COST |
|---|---|---|---|---|---|
| 20101200 | TREE ROOT PRUNING | EACH | 2 | $ 0.01 | $ 0.02 |
| 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS | CU YD | 110 | $ 30.00 | $ 3,300.00 |
| 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 325 | $ 3.00 | $ 975.00 |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 40 | $ 0.01 | $ 0.40 |
| 28000510 | INLET FILTERS | EACH | 8 | $ 250.00 | $ 2,000.00 |
| 28001100 | TEMPORARY EROSION CONTROL BLANKET | SQ YD | 90 | $ 0.01 | $ 0.90 |
| 30300001 | AGGREGATE SUBGRADE IMPROVEMENT | CU YD | 110 | $ 35.00 | $ 3,850.00 |
| 35102200 | AGGREGATE BASE COURSE, TYPE B 10" | SQ YD | 6 | $ 100.00 | $ 600.00 |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 12 | $ 0.01 | $ 0.12 |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 2,271 | $ 0.01 | $ 22.71 |
| 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 127 | $ 0.01 | $ 1.27 |
| 40602978 | HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50 | TON | 1 | $ 500.00 | $ 500.00 |
| 40603200 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | TON | 185 | $ 150.00 | $ 27,750.00 |
| 40604060 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 | TON | 284 | $ 110.00 | $ 31,240.00 |
| 42400800 | DETECTABLE WARNINGS | SQ FT | 10 | $ 20.00 | $ 200.00 |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 331 | $ 11.50 | $ 3,806.50 |
| 44000159 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | SQ YD | 3,242 | $ 3.50 | $ 11,347.00 |
| 44201711 | CLASS D PATCHES, TYPE IV, 5 INCH | SQ YD | 325 | $ 70.00 | $ 22,750.00 |
| 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 255 | $ 9.90 | $ 2,524.50 |
| 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 127 | $ 22.60 | $ 2,870.20 |
| 78011035 | GROOVING FOR RECESSED PAVEMENT MARKING 7" | FOOT | 255 | $ 7.80 | $ 1,989.00 |
| 78011125 | GROOVING FOR RECESSED PAVEMENT MARKING 25" | FOOT | 127 | $ 15.00 | $ 1,905.00 |
| X6026050 | SANITARY MANHOLES TO BE ADJUSTED | EACH | 2 | $ 800.00 | $ 1,600.00 |
| X7010216 | TRAFFIC CONTROL & PROTECTION (SPECIAL) | L SUM | 1 | $ 1,000.00 | $ 1,000.00 |
| Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 | $ 1.00 | $ 1.00 |
| | CASH ALLOWANCE | UNITS | 3,000 | $ 1.00 | $ 3,000.00 |
| | COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL) | FOOT | 422 | $ 40.00 | $ 16,880.00 |
| | FRAME AND LID TO BE ADJUSTED (SPECIAL) | EACH | 5 | $ 1,000.00 | $ 5,000.00 |
| | PARKWAY RESTORATION - SODDING | SQ YD | 90 | $ 16.50 | $ 1,485.00 |
| | PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT | SQ YD | 140 | $ 120.00 | $ 16,800.00 |
| | PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL) | SQ FT | 134 | $ 17.00 | $ 2,278.00 |
| | TEMPORARY ACCESS | EACH | 3 | $ 0.01 | $ 0.03 |
| | TEMPORARY PAVEMENT, 2" | SQ YD | 331 | $ 0.01 | $ 3.31 |
| TOTAL | | | | | $165,679.96 |

Illinois Department of Transportation

# Apprenticeship and Training Program Certification

| Local Public Agency | County | Street Name/Road Name | Section Number |
|---|---|---|---|
| City of Crest Hill | Will | N/A | OAKLAND/THEODOR |

**All contractors are required to complete the following certification**

☒ For this contract proposal or for all bidding groups in this deliver and install proposal.

☐ For the following deliver and install bidding groups in this material proposal.

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidder's subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

1. Except as provided in paragraph 4 below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.

2. The undersigned bidder further certifies, for work to be performed by subcontract, that each of its subcontractors either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.

3. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

Operators Local #150 IL008780173, Chicagoland Laborers' Training & Apprenticeship Program IL017990001, Chicago Regional Council of Carpenters Apprentice & Training IL017650001, International Brotherhood of Teamsters Joint Council No. 25 Training IL815005004,Masons Local #502 JATC IL008820041, Masons Local #11 IL004890005, Iron Workers #444 JATC IL008-0820

4. Except for any work identified above, if any bidder or subcontractor shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforces and positions of ownership. ☐

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or afterward may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

| Bidder | Signature & Date |
|---|---|
| P.T. Ferro Construction Co. | 4/16/26 |
| **Title** | |
| President | |

| Address | City | State | Zip Code |
|---|---|---|---|
| 700 S. Rowell Ave | Joliet | IL | 60434 |

Illinois Department of Transportation

# Affidavit of Illinois Business Office

| Local Public Agency | County | Street Name/Road Name | Section Number |
|---|---|---|---|
| City of Crest Hill | Will | N/A | OAKLAND/THEODOR |

I, MATT MARKETTI (Name of Affiant) of JOLIET (City of Affiant), Illinois (State of Affiant),
being first duly sworn upon oath, state as follows:

1. That I am the PRESIDENT (Officer or Position) of P.T. FERRO CONSTRUCTION (Bidder).
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under the proposal described above, P.T. FERRO CONSTRUCTION (Bidder), will maintain a business office in the State of Illinois, which will be located in Will (County) County, Illinois.
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

P.T. FERRO CONSTRUCTION CORPORATE SEAL 1964 ILLINOIS CO

Signature _____ Date 4/16/26

Print Name of Affiant
MATT MARKETTI, PRESIDENT

**Notary Public**

State of IL

County WILL

Signed (or subscribed or attested) before me on 4/16/26 (date) by

MATT MARKETTI (name/s of person/s), authorized agent(s) of

P.T. FERRO CONSTRUCTION (Bidder).

OFFICIAL SEAL
ALEXANDER C CRAIN
NOTARY PUBLIC, STATE OF ILLINOIS
COMMISSION NO. 982723
MY COMMISSION EXPIRES 12/06/2027

(SEAL)

Signature of Notary Public _____

My commission expires 12/06/2027

**ADDENDUM NO. 1**

**April 8, 2026**

**Oakland Ave Watermain**

**CITY OF CREST HILL**

**Engineering Department**

**20600 City Center Blvd**

**WILL COUNTY, ILLINOIS**

**PROPOSAL DUE DATE: 10:00 AM, April 16, 2026**

This addendum forms a part of the Contract Documents and amends the original documents and the Plans and Special Provisions. Where any part of the contract documents is amended, the unaltered provisions are to remain in effect.
**This is the only notice you receive, with no follow up by mail.**

**Updates to the Contract Specifications**

1. **The City will be using DCEO funding in the amount of $249,998.00 for the Oakland Watermain project. The funding requirements will not require a BEP goal. Even though a BEP goal is not required for this improvement the Contractor bidding on this improvement is encouraged to use MBE and WBE firms as sources of supplies, equipment and services. The attached DCEO BEP Utilization Plan shall be filled out and submitted with your bid.**
2. **Per the new laws that came into effect January 1, 2026 Illinois Plumbing License Law (255 ILCS 320) and Illinois Plumbing Code (Title 77Ill, Adm. Code Part 890). All water services and sanitary laterals must be locatable. Any repairs to or installation of water services or sanitary services must be completed by a licensed plumber. This work shall be inspected by a licensed plumber. The contractor must provide logs of all license plumbers on staff as well as provide all dates, locations and inspections logs of the services that have been installed or repaired.**

**The method for locating sanitary services will be the sonde method and for water services install a magnetic locating tape with the pipe when installed. All this shall be included in the unit prices or the appropriate item, and no additional compensation will be provided for this work.**

**I acknowledge the receipt of this addendum by signing the acknowledgement. This addendum needs to be signed and included with bid. Failure to properly acknowledge this addendum as noted above may result in disqualification of the associated bid.**

End of Addendum No. 1

I acknowledge the receipt of Addendum No. 1 for the referenced project:
Signed:

Name _____ Alex Crain - Estimator

Name of
Company P.T. Ferro Construction Co.

Ronald J Wiedeman, P.E.
Director of Engineering
City of Crest Hill
815.741.5122
rwiedeman@cityofcresthill.com

## HOW TO LOCATE CERTIFIED BEP VENDORS FOR YOUR DCEO GRANT PROJECT

- Visit https://supplierdiversitymanagementportal.illinois.gov/VendorDirectory.aspx
- Click in the "NIGP Codes" box and type in a keyword description of the kind of work you are looking to hire. One or more codes with short descriptions of work will appear. "Add" the codes that match the work you are looking for.
    - For instance, if your grant project requires excavation, you can type "excavation" in the search box, and Code 91244 "Excavation Services" will appear. Click Add, and your search will be narrowed to BEP certified businesses who perform excavation.
- Click in the fourth box "Certification Type" and select Minority Business Enterprise (MBE), Persons with Disability Business Enterprise (PBE), Women Business Enterprise (WBE), and Women/Minority Business Enterprise (WMBE). These are the business enterprise categories that qualify for BEP.
- Scroll down to the "Location" section. Here you will use the "Distance Search" of Zip Code. Input the zip code in which the project is taking place, and then from the drop-down menu select a distance to search. We recommend within 50 miles.
    - If you are doing a distance search, it is very important that you not fill out any other part of the location information. If you input a city, the search will default to only business enterprises located within the city. This will greatly restrict your vendor search.
- Scroll down to the "I'm not a robot" box and click it. You may have to do a picture test. Once that is complete, click the green "Search" button.
    - A list of BEP vendors, certified as Minority Business Enterprise (MBE), Persons with Disabilities Business Enterprise (PBE), Women Business Enterprise (WBE), and/or Women/Minority Business Enterprise (WMBE) matched to the Commodity Codes you added, and within the distance parameter, will appear.
    - You can then click on the business' name and get details on the business including contact information for soliciting bids.
- If you want to do a general search of all BEP certified vendors in your area, regardless of work performed, just skip adding NIGP Codes and search only by location: city or distance from zip code.
    - A list of businesses will appear, and you can click on the business' name for details on that business including contact information and the work it performs (classified by the NIGP code).
- You can also use the "Business Name/DBA" box to search specific businesses in your area to determine if they are state certified BEP.

DCEO Project # HD260313

## DCEO BEP UTILIZATION PLAN

***Minority, Female, Persons with Disability Status and Subcontracting***

The Business Enterprise for Minorities, Women, and Persons with Disabilities Act (30 ILCS 575/0.01 *et seq.*) requires certain DCEO grants include goals for contracting with businesses that have been certified as Minority-owned Business Enterprises (MBE), Women-owned Business Enterprises (WBE), Women/Minority Business Enterprise (WMBE) and/or Persons with disabilities-owned Business Enterprises (PBE) ("BEP vendors" collectively).

**Goal to be achieved by the Grantee**: This utilization plan includes a total Business Enterprise Program ("BEP") utilization goal of 0.00 %. The goal is based on the availability of certified vendors to perform the anticipated work opportunities providing for in the grant.

**Grantee Assurance:** The Grantee shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of this plan. Failure by the Grantee to carry out these requirements is a material breach of this plan, which may result in the termination of the Grant Agreement or such other remedy, as the Agency/ Grantor deems appropriate. This assurance must be included in each contract that the Grantee signs with a contractor, subcontractor, or supplier.

**Calculating Certified Vendor Participation:** This utilization plan must include work anticipated to be performed by all certified vendors and paid for with grant funds upon satisfactory completion. Only the value of payments made for the work performed by certified vendors is counted toward the plan goal. Counting guidelines are summarized below:

1) The amount of grant dollars paid to certified vendor shall be counted towards the BEP goal. The payments shall be for the performance of work approved in the Grant Agreement.

2) A joint venture shall count towards the BEP goal the portion of grant dollars paid to the certified vendor equal to the distinct, clearly defined portion of the work performed by the certified vendor and approved in the grant agreement. A joint venture shall also count grant dollars subcontracted to other certified vendors. Work performed by a non-certified joint venture partner shall not be counted toward the goal.

3) When a certified vendor subcontracts part of the work to another firm, the grant dollars paid for the subcontracted work shall be counted toward the BEP goal only if it is work approved included in the Grant Agreement and the certified vendor 's subcontractor is also a certified vendor. Work that a certified vendor subcontracts to a non-certified vendor will not count towards the BEP goal.

4) A Grantee shall also count towards the BEP goal the amount of grant dollars paid for materials and supplies required under the Grant Agreement and obtained from a certified vendor manufacturer, regular dealer, or supplier except for materials and supplies purchased or rented from the Grantee.

5) A Grantee shall also count towards the BEP goal the following expenditures to certified vendor that are not manufacturers, regular dealers, or suppliers:

   a. The fees or commissions charged for providing a bona fide service, such as professional, technical, consultant, or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials, or supplies required under the Grant Agreement, provided that the fee or commission is determined by the Department of Commerce & Economic Opportunity ("DCEO") to be reasonable and not excessive as compared with fees customarily allowed for similar services.

   b. The fees charged for delivery of materials and supplies required under the Grant Agreement (but not the cost of the materials and supplies themselves) when the hauler, trucker, or delivery service is not also the manufacturer or a regular dealer in the materials and supplies, provided that the fee is determined by DCEO to be reasonable and not excessive as compared with fees customarily allowed for similar services. The certified vendor trucking firm must be responsible for the management and supervision of the entire trucking operation for which it is responsible and must itself own and operate at least one fully licensed, insured, and operational truck used on the project.

   c. The fees or commissions charged for providing any bonds or insurance specifically required under the Grant Agreement, provided that the fee or commission is determined by DCEO to be reasonable and not excessive as compared with fees customarily allowed for similar services.

6) A Grantee shall count towards the BEP goal only expenditures to firms that perform a commercially useful function in the work of the Grant Agreement.

   a. A firm is considered to perform a commercially useful function when it is responsible for the execution of a distinct element of the work under the Grant Agreement and carries out its responsibilities by performing, managing, and supervising the work involved. The certified vendor must also be responsible, with respect to materials or supplies used on the project, for negotiating price, determining quality and quantity, ordering the materials or supplies, and installing the materials (where applicable) and paying for the materials or supplies. To determine whether a firm is performing a commercially useful function, DCEO shall evaluate the amount of work subcontracted, whether the amount the firm is to be paid under this utilization plan is commensurate with the work it is performing, and the credit claimed for its performance of the work, industry practices, and other relevant factors.

   b. A certified vendor does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction through which funds are passed in order to obtain certified vendor participation. In determining whether a certified vendor is such an extra participant, DCEO shall examine similar transactions, particularly those in which the certified vendors do not participate, and industry practices.

7) A Grantee shall not count towards the BEP goal expenditures that are not direct, necessary, and proximately included in this utilization plan. Ineligible expenditures include general office overhead or other Grantee support activities.

DCEO Project # HD260313

_____ (the Grantee) submits the following BEP Utilization Plan as part of our proposal in accordance with the requirements of the BEP Act. We understand that compliance with the BEP Act is required as part of this plan.

_____(the Grantee) makes the following assurances and agrees to include the assurance in each contract with a contractor, subcontractor, or supplier utilized on this plan: we shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of this plan. Failure to carry out these requirements is a material breach of this plan, which may result in the termination of this plan or such other remedy, as the Agency/ Grantor deems appropriate.

Grantee's person responsible for compliance

| | |
|---|---|
| Name: | Ronald J Wiedeman |
| Title: | City Engineer |
| Telephone: | 815-741-5122 |
| E-mail: | rwiedeman@cityofcresthill.com |

We submit one (1) of the following statements:

[X] We attach Section I to demonstrate our Plan fully meets the BEP utilization goal of 0 % through subcontracting.

[ ] We attest our Utilization Plan does not fully meet the BEP utilization goal. We request the DCEO Good Faith Effort documentation guidelines and will submit all required forms and supporting documents requested by DCEO and the Commission on Equity and Inclusion's (CEI) Good Faith Effort Committee.

_____ _____

Grantee Authorized Signature Date

Raymond R Soliman, Mayor

Grantee Authorized Name and Title

**ADDENDUM NO. 2**

**April 10, 2026**

**Oakland Ave Watermain**

**CITY OF CREST HILL**

**Engineering Department**

**20600 City Center Blvd**

**WILL COUNTY, ILLINOIS**

**PROPOSAL DUE DATE: 10:00 AM, April 16, 2026**

This addendum forms a part of the Contract Documents and amends the original documents and the Plans and Special Provisions. Where any part of the contract documents is amended, the unaltered provisions are to remain in effect.
**This is the only notice you receive, with no follow up by mail.**

**Updates to the Contract Specifications**

1. **The City would like to make sure you will comply with Illinois Works Jobs Program Act (30 ILCS 559/Art. 20).**

   I will comply YES X NO _____
   Signed:

   Name [signature] ALEX CRAIN PM Date 04/13/2026

2. **We would also like to clarify that Oakland project will be funded with City and state (DCEO) funds.**

**I acknowledge the receipt of this addendum by signing the acknowledgement. This addendum needs to be signed and included with bid. Failure to properly acknowledge this addendum as noted above may result in disqualification of the associated bid.**

End of Addendum No. 2

I acknowledge the receipt of Addendum No. 2 for the referenced project:
Signed:

Name [signature] ALEX CRAIN, PROJECT MANAGER

Name of Company P.T. Ferro Construction Co.

Ronald J Wiedeman, P.E.
Director of Engineering
City of Crest Hill
815.741.5122
rwiedeman@cityofcresthill.com