EXHIBIT A

CITY OF CREST HILL

OAKLAND AVENUE

WATER MAIN IMPROVEMENT PROJECT

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 Scanlon Excavating & Concrete, Inc. ("Contractor") on this, the 4th day of June, 2024. 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. Addenda number 1, inclusive.

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

iv. BDE Special Provisions for the April 30, 2025, Letting.

v. 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.

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

vii. Performance and Payment Bonds.

viii. Contractor's Bid and Proposal.

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

x. Notice to bidders, invitation to bid, and bidding instructions for the Circle Street and Green Street Water Main Improvement Project.

xi. Notice of Award.

xii. 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 October 3, 2025.

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. <u>REDUCTIONS IN PAYMENT BY CITY (CITY'S RIGHT TO SETOFF)</u>

(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. <u>INDEMNIFICATION</u>

(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

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. 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:_____

CONTRACTOR:

SCANLON EXCAVATING & CONCRETE, INC.

BY: Elizabeth Scanlon

ITS: President

DATE: 6/7/2025

ATTEST:

BY:_____

ITS:_____

DATE:_____

Illinois Department of Transportation

Local Public Agency Contract Proposal

Print With Instructions | Reset Form

COVER SHEET

Proposal Submitted By:

Contractor's Name: Scanlan Excavating & Concrete

Contractor's Address: 630 S 7000 W Rd | City: Kankakee | State: IL | Zip Code: 60901

STATE OF ILLINOIS

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

Route(s) (Street/Road Name)	Type of Funds
Oakland Avenue	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 | 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

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of the City of Crest Hill, City Hall (Name of Office)

1610 Plainfield Road, Crest Hill, IL 60403 (Address) until 10:00 AM (Time) on _____ (Date)

Sealed proposals will be opened and read publicly at the office of Video Recorded and posted on the City's website for (Name of Office)

public viewing https://www.cityofcresthill.com/ (Address) at 10:00 AM (Time) on 4-30-2025 (Date)

DESCRIPTION OF WORK

Location	Project Length
Oakland Avenue - Ludwig Avenue to Pasadena Avenue	2,010 ft

Proposed Improvement

Water main and service installation; Pavement removal and restoration; Driveway, sidewalk, curb & gutter removal and replacement; landscape restoration (sodding); Alternate work for side street milling and resurfacing.

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

PROPOSAL

1. Proposal of Scanlon Excavating & Concrete
Contractor's Name
630 S 7000 W Rd Kankakee, IL 60901
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 08/27/25 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

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

SIGNATURES

(If an individual)

Signature of Bidder | 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: Scanlon Excavating & Concrete

Signature: Elizabeth S | Date: 4-30-25

Title: President

Business Address: 630 S 7000 W Rd

City: Kankakee | State: IL | Zip Code: 60901

Insert Names of Officers

President: Elizabeth Scanlon

Secretary: Chris Scanlon

Treasurer: Elizabeth Scanlon

Attest:

Secretary

SOP

HS

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	9	$ 100	$ 900 -
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	360	$ 75	$ 27,000
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,080	$ 5.00	$ 5,400
28000510	INLET FILTERS	EACH	23	$ 150	$ 3,450 -
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	360	$ 65 -	$ 23,400 -
35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	625	$ 13	$ 8,125 -
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,405	$ .01	$ 14.05
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,828	$ .01	$ 48.28
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	30	$ 25 -	$ 750
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	6	$ 230	$ 1,380 -
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	400	$ 125	$ 50,000 -
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	605	$ 100 -	$ 60,500 -
42400800	DETECTABLE WARNINGS	SQ FT	100	$ 32 -	$ 3,200 -
44000100	PAVEMENT REMOVAL	SQ YD	1,714	$ 8 -	$ 13,712 00
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	6,529	$ 4.75	$ 31,012 75
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	1,671	$ 45 -	$ 75,195 -
50100100	STRUCTURES TO BE REMOVED	EACH	1	$ 550	$ 550
55100500	STORM SEWER REMOVAL 12"	FOOT	38	$ 25	$ 950 -
55100700	STORM SEWER REMOVAL 15"	FOOT	44	$ 25	$ 1,100 -
55101100	STORM SEWER REMOVAL 21"	FOOT	129	$ 30 -	$ 3,870 -
56103000	DUCTILE IRON WATER MAIN, 6"	FOOT	201	$ 135 -	$ 27,135 -
56103100	DUCTILE IRON WATER MAIN, 8"	FOOT	2,211	$ 170	$ 375,870 -
56105000	WATER VALVES, 8"	EACH	9	$ 2,600 -	$ 23,400 -
56400500	FIRE HYDRANT TO BE REMOVED	EACH	2	$ 1000	$ 2,000
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	6	$ 7,800	$ 46,800
56500800	DOMESTIC WATER SERVICE BOX	EACH	47	$ 250 -	$ 11,750
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	$ 3400	$ 3400
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	$ 5000	$ 10,000
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	$ 3750	$ 33750
60500405	FILLING VALVE VAULTS	EACH	1	$ 500	$ 500
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	100	$ 75	$ 7,500 -

78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	450	$ 5.00	$ 2250.-
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	304	$ 6.00	$ 1824.00
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	167	$ 18.-	$ 3006.00
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	38	$ 155	$ 5890.-
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	44	$ 165	$ 7,260
550A2550	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 21"	FOOT	168	$ 165	$ 27,720
X0324878	SANITARY SEWER SERVICE ADJUSTMENT	FOOT	~~225~~ 225	$ 50	$ 11,250
X1200221	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE)	EACH	6	$ 4000	$ 24,000
X2080250	TRENCH BACKFILL, SPECIAL	CU YD	5,778	$ 50.-	$ 288,900
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	~~375~~ 375	$ 10.-	$ 3,750
X5610656	WATER MAIN TO BE ABANDONED, 6"	FOOT	2,020	$ 10.-	$ 20,200.-
X5610706	WATER MAIN REMOVAL, 6"	FOOT	100	$ 25.-	$ 2,500
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	6	$ 650.-	$ 3,900
X6026622	VALVE VAULTS TO BE REMOVED	EACH	1	$ 500	$ 500
X6026632	VALVE BOXES TO BE REMOVED	EACH	2	$ 350	$ 700
X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L SUM	1	$ 200,000	$ 200,000
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	$ 25,000	$ 25,000
Z0018400	STORM STRUCTURES TO BE ADJUSTED	EACH	14	$ 400	$ 5,600
	PARKWAY RESTORATION - SODDING	SQ YD	1,948	$ 20	$ 38,960.-
	PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	SQ YD	702	$ 135	$ 94,770.-
	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	FOOT	2,351	$ 50	$ 117,550.-
	INSERTION VALVES, 8"	EACH	1	$ 9500	$ 9500
	WATER SERVICE LINE, 1" (SHORT)	EACH	26	$ 3,350	$ 87,100
	WATER SERVICE LINE, 1" (LONG)	EACH	26	$ 4,500	$ 117,000
	CASH ALLOWANCE 25,000	UNITS	~~15,000~~	$ 25000	$ 25000
	SUMP LINE	FOOT	240	$ 25	$ 6,000
	TEMPORARY ACCESS	EACH	43	$ 100.-	$ 4300.-
	FRAME AND LID TO BE ADJUSTED (SPECIAL)	EACH	1	$ 650	$ 650
	WATER MAIN CASING SLEEVE	FOOT	20	$ 125	$ 2500
	PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)	SQ FT	4,784	$ 13.-	$ 62,192.00
TOTAL					$

$ 2,042,434.08

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	1	$ 100.00	$ 100.00
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	255	$ 75.00	$ 19,125.00
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	760	$ 5.00	$ 3800.00
28000510	INLET FILTERS	EACH	26	$ 150.00	$ 3900.00
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	255	$ 45.00	$ 14,575.00
35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	8	$ 30.00	$ 240.00
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	18	$ .01	$ .18
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,209	$ .01	$ 52.09
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	156	$ 20.00	$ 3120.00
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	430	$ 120.00	$ 51,600.00
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	649	$ 100.00	$ 64,900.00
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	0	$ 500.00	$ 500.00
42400800	DETECTABLE WARNINGS	SQ FT	50	$ 30.00	$ 1500.00
44000100	PAVEMENT REMOVAL	SQ YD	768	$ 15.00	$ 11,520.00
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	7,575	$ 4.25	$ 32,193.75
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	763	$ 65.00	$ 49,595.00
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	140	$ 10.00	$ 1400.00
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	128	$ 20.00	$ 2560.00
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	7	$ 700.00	$ 4900.00
Z0018400	STORM STRUCTURES TO BE ADJUSTED	EACH	1	$ 550.00	$ 550.00
	PARKWAY RESTORATION - SODDING	SQ YD	269	$ 25.00	$ 6725.00
	PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	SQ YD	247	$ 140.00	$ 34,580.00
	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	FOOT	1,165	$ 42.00	$ 48,930.00
	CASH ALLOWANCE	UNITS	0	$ 7000.00	$ 0.00
	TEMPORARY ACCESS	EACH	5	$ 500.00	$ 2500.00
	FRAME AND LID TO BE ADJUSTED (SPECIAL)	EACH	11	$ 550.00	$ 6050.00
	PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)	SQ FT	1,449	$ 14.00	$ 20,286.00
	BRICK PAVER REMOVAL AND REINSTALLATION, SPECIAL	SQ FT	54	$ 50.00	$ 2700.00
TOTAL					$ 396,902.02

ADDENDUM NO. 1

April 15, 2025

Proposed Watermain Plans

CITY OF CREST HILL

PUBLIC WORKS CENTER

2090 OAKLAND AVE

WILL COUNTY, ILLINOIS

PROPOSAL DUE DATE: 10:00 AM, April 30, 2025

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

Bid Tab

Additional quantity was added to these various pay items

- **Exploration Trench, Special from 175 feet to 375 feet**
- **Sanitary Sewer Service Adjustment from 75 feet to 225 feet**

City Of Crest Hill Division 100

Various locations in this section the words "Will County" was added.

Plan updates

Revised SOQ has been included

General notes have been updated and sheet included.

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 Elizabeth Sod

Name of Company Scanlon Excavating & Concrete

Ron Wiedeman
City Engineer
City of Crest Hill
815.741.5122
rwiedeman@cityofcresthill.com

Selective Insurance Company of America
40 Wantage Avenue
Branchville, New Jersey 07890
973-948-3000

BID BOND

The American Institute of Architects,
AIA® Document A310™ (2010 Edition)

BondNo.B 1333785

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the original text of the original AIA standard form. An Additions and Deletions Report that notes added information as well as revisions to the standard form text is available from the author and should be reviewed.

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.

CONTRACTOR:
(Name, legal status and address)
Scanlon Excavating & Concrete Inc
630 S 7000 W Rd
Kankakee, IL 60901

SURETY:
(Name, legal status and principal place of business)
Selective Insurance Company of America
40 Wantage Avenue
Branchville, NJ 07890

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

BOND AMOUNT: **10 % Percent of the Total Bid Amount**

PROJECT:
(Name, location or address, and Project number, if any)
Oakland Ave Water Main Improvement Project

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, 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.

Signed and sealed this 30th day of April, 2025

(Witness)

Scanlon Excavating & Concrete Inc
(Contractor as Principal) (Seal)

(Title)

(Witness)

Selective Insurance Company of America
(Surety) (Seal)

(Title) Nikki Frye, Attorney-in-Fact

SELECTIVE
BE UNIQUELY INSURED℠

Selective Insurance Company of America
40 Wantage Avenue
Branchville, New Jersey 07890
973-948-3000

BondNo.B 1333785

POWER OF ATTORNEY

SELECTIVE INSURANCE COMPANY OF AMERICA, a New Jersey corporation having its principal office at 40 Wantage Avenue, in Branchville, State of New Jersey ("SICA"), pursuant to Article VII, Section 1 of its By-Laws, which state in pertinent part:

> The Chairman of the Board, President, Chief Executive Officer, any Executive Vice President, any Senior Vice President or any Corporate Secretary may, from time to time, appoint attorneys in fact, and agents to act for and on behalf of the Corporation and they may give such appointee such authority, as his/her certificate of authority may prescribe, to sign with the Corporation's name and seal with the Corporation'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 may, at any time, remove any such appointee and revoke the power and authority given him/her.

does hereby appoint **Nikki Frye**

, its true and lawful attorney(s)-in-fact, full authority to execute on SICA's behalf fidelity and surety bonds or undertakings and other documents of a similar character issued by SICA in the course of its business, and to bind SICA thereby as fully as if such instruments had been duly executed by SICA's regularly elected officers at its principal office, in amounts or penalties not exceeding the sum of: **$15,000,000.00**

Signed this **30th** day of **April** , **2025**

SELECTIVE INSURANCE COMPANY OF AMERICA

By: _____
Brian C. Sarisky
Its SVP, Strategic Business Units, Commercial Lines

SELECTIVE INSURANCE COMPANY OF AMERICA CORPORATE SEAL 1926 NEW JERSEY

CERTIFIED COPY

STATE OF NEW JERSEY :
:ss. **Branchville**
COUNTY OF SUSSEX :

On this **30th** day of **April** , **2025** before me, the undersigned officer, personally appeared Brian C. Sarisky, who acknowledged himself to be the Sr. Vice President of SICA, and that he, as such Sr. Vice President, being authorized so to do, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by himself as Sr. Vice President and that the same was his free act and deed and the free act and deed of SICA.

Charlene Kimble
NOTARY PUBLIC
STATE OF NEW JERSEY
ID # N/A
MY COMMISSION EXPIRES 6/2/26

_____
Notary Public

CHARLENE KIMBLE NOTARY PUBLIC NEW JERSEY

The power of attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of SICA at a meeting duly called and held on the 6th of February 1987, to wit:

"RESOLVED, the Board of Directors of Selective Insurance Company of America authorizes and approves the use of a facsimile corporate seal, facsimile signatures of corporate officers and notarial acknowledgements thereof on powers of attorney for the execution of bonds, recognizances, contracts of indemnity and other writing obligatory in the nature of a bond, recognizance or conditional undertaking."

CERTIFICATION

I do hereby certify as SICA's Corporate Secretary that the foregoing extract of SICA's By-Laws and Resolution is still in force and effect and this Power of Attorney issued pursuant to and in accordance with the By-Laws is valid.

Signed this **30th** day of **April** , **2025**.

_____
Michael H. Lanza, SICA Corporate Secretary

SELECTIVE INSURANCE COMPANY OF AMERICA CORPORATE SEAL 1926 NEW JERSEY

Important Notice: If the bond number embedded within the Notary Seal does not match the number in the upper right-hand corner of this Power of Attorney, contact us at 973-948-3000.

B91 (4-14)

SELECTIVE INSURANCE®

Selective Insurance Company of America
40 Wantage Avenue
Branchville, New Jersey 07890
973-948-3000

BondNumberB 1333785

SURETY DISCLOSURE STATEMENT AND CERTIFICATION

Selective Insurance Company of America, surety on the attached bond, hereby certifies the following:

(1) The surety meets the applicable capital and surplus requirements of R.S.17:17-6 or R.S.17:17-7 as of the surety's most current annual filing with the New Jersey Department of Banking and Insurance.

(2) The capital and surplus, as determined in accordance with the applicable laws of the State of New Jersey, of the surety issuing the attached bond are in the following amounts as of the calendar year ended December 31, 2023, which amounts have been certified by certified public accountants:

Company	Capital	Surplus	CPA
Selective Insurance Company of America	$4,400,000	$938,765,178	KPMG LLP 345 Park Avenue New York, NY 10154

(3) With respect to the surety issuing the attached bond that has received from the United States Secretary of the Treasury a certificate of authority pursuant to 31 U.S.C. sec 9305, the underwriting limitation established therein and the date as of which the limitation was effective is as follows:

Company	Underwriting Limitation	Effective Date
Selective Insurance Company of America	$93,877,000	July 1, 2024

(4) The amount of the bond to which this statement and certification is attached is $ 15,000,000.00 .

CERTIFICATE

(To be completed by an authorized certifying agent/officer for each surety on the bond)

I, Timothy A. Marchio, as Vice President, Bond SBU for Selective Insurance Company of America, a corporation domiciled in New Jersey, DO HEREBY CERTIFY that, to the best of my knowledge, the foregoing statements made by me are true, and ACKNOWLEDGE that, if any of those statements are false, this bond is VOIDABLE.

Timothy A. Marchio

(Signature of certifying agent/officer)

Timothy A. Marchio
(Printed name of certifying agent/officer)

Vice President, Bond SBU
(Title of certifying agent/officer)

Dated: 04/29/2025
(month, day, year)

B-98 (7/23)

SELECTIVE INSURANCE®

Selective Insurance Company of America
40 Wantage Avenue
Branchville, New Jersey 07890
973-948-3000

Bond No. B 1333785

STATEMENT OF FINANCIAL CONDITION

I hereby certify that the following information is contained in the Annual Statement of Selective Insurance Company of America ("SICA") to the New Jersey Department of Banking and Insurance as of December 31, 2024:

ADMITTED ASSETS (in thousands)		LIABILITIES AND SURPLUS (in thousands)	
Bonds	$2,415,998	Reserve for losses and loss expenses	$1,772,537
Preferred stocks at convention value	16,462	Reserve for unearned premiums	761,885
Common stocks at convention values	87,571	Provision for unauthorized reinsurance	1,111
Subsidiary common stock at convention values	0	Commissions payable and contingent commissions	51,956
Short-term investments	226,444	Other accrued expenses	30,452
Mortgage loans on real estate (including collateral loans)	131,381	Other liabilities	595,888
Other invested assets	237,682	Total liabilities	3,213,829
Interest and dividends due or accrued	24,364		
Premiums receivable	724,457	Surplus as regards policyholders	997,473
Other admitted assets	346,943		
Total admitted assets	4,211,302	Total liabilities and surplus as regards policyholders	4,211,302

I further certify that the following is a true and exact excerpt from Article VII, Section 1 of the By-Laws of SICA, which is still valid and existing.

> The Chairman of the Board, President, Chief Executive Officer, any Executive Vice President, any Senior Vice President or any Corporate Secretary may, from time to time, appoint attorneys in fact, and agents to act for and on behalf of the Corporation and they may give such appointee such authority, as his/her certificate of authority may prescribe, to sign with the Corporation's name and seal with the Corporation'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 may, at any time, remove any such appointee and revoke the power and authority given him/her.

IN WITNESS WHEREOF, I hereunto subscribe my name and affix the seal of SICA, this 27th day of February, 2025.

Michael H. Lanza
SICA Corporate Secretary

STATE OF NEW JERSEY :
:ss. Branchville
COUNTY OF SUSSEX :

On this 27th day of February 2025, before me, the undersigned officer, personally appeared Michael H. Lanza, who acknowledged himself to be the Corporate Secretary of SICA, and that he, as such Corporate Secretary, being authorized so to do, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by himself as Corporate Secretary.

CHRISTINE MARIE LAWSON NOTARY PUBLIC NEW JERSEY

Christine Marie Lawson
Notary Public
My Commission Expires:

CHRISTINE MARIE LAWSON
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES APRIL 15, 2029
COMMISSION: #2312839

ACKNOWLEDGMENT OF PRINCIPAL
(Individual or Partnership)

STATE OF _____ }
COUNTY OF _____ } ss:

On this _____ day of _____ , _____ ,before me personally appeared the above named _____

to me known and known to me to be the same described in and who executed the above instrument and dully acknowledged the execution of the same.

_____
Notary Public _____ County

(Corporation)

STATE OF _____ }
COUNTY OF _____ } ss:

On this _____ day of _____ , _____ ,before me personally appeared _____

to me known , who, being by me duly sworn, did depose and say that he/she resides in _____

that he/she is the _____ of _____
the corporation described in and which executed the foregoing instrument; that he/she knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was affixed by order of the Board of Directors of said corporation and that he/she signed his/her name thereto by like order.

_____
Notary Public _____ County

ACKNOWLEDGMENT OF SURETY

STATE OF IL }
COUNTY OF McLean } ss:

On this 30 day of April , 2025 before me personally appeared Nikki Frye to me known, who, being by me duly sworn, did depose and say that he/she resides in _____
that he/she is the Attorney-in-Fact of the Selective Insurance Company of America
the corporation described in and which executed the foregoing instrument; that he/she knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he/she signed his/her name thereto by like order; and deponent further says that he/she is acquainted with Nikki Frye and knows him/her to be the Attorney-in-Fact subscribed to the within instrument is in the genuine handwriting of the said Nikki Frye and was subscribed thereto by like order of the Board of Directors in the presence of deponent.

Elizabeth Pisano
Notary Public McLean County

SELECTIVE

BE UNIQUELY INSURED™

ALL NOTICES REGARDING CLAIMS AGAINST THIS BOND MUST BE MAILED OR FAXED TO:

SELECTIVE INSURANCE COMPANY OF AMERICA
Attention: BOND CLAIMS
P.O. Box 7265
London, KY 40742

Email address: **CSVPRIORITY@selective.com**

Telefax: **(877) 352-6541**

Phone: **(866) 455-9969**

For all other inquiries not related to claims, contact:

Selective Insurance Company of America
40 Wantage Avenue
Branchville, NJ 07890

1 (800) 777-9656

1 (973) 948-3000

DCEP

DCEO Project # HD250153

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 28 %. The goal is based on the availability of certified vendors to perform the anticipated work opportunities providing for in the grant.

Prime Contractor is a certified WBE.

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 # HD250153

Scanlon Excavating (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.

Scanlon Excavating (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 18 % through subcontracting. + Prime Contractor

☐ 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

4-30-25
Date

Raymond R Soliman, Mayor
Grantee Authorized Name and Title

DCEO Project # HD250153

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: Chicagoland Truckin, Inc
Address: 5494 W. Roosevelt Rd Chicago, IL 60644
Phone: 773-921-9200 FEIN # 04-3593051

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:
Trucking of aggregates, dirt, etc.

3) This DCEO Grant amount is $ 347,391.60. The portion of the grant which will be contracted/subcontracted to this certified vendor is $ 75,000.00.

4) A joint venture agreement is not required, as the arrangement between Scanlon Excavating and Chicagoland Truckin' is that of contractor/ sub-contractor and not a joint venture.

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

Protecting Our Water Environment

Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET CHICAGO, ILLINOIS 60611-3154 312.751.5600

BOARD OF COMMISSIONERS
Kari K. Steele
President
Patricia Theresa Flynn
Vice President
Marcelino Garcia
Chairman of Finance
Precious Brady-Davis
Yumeka Brown
Cameron Davis
Daniel Pogorzelski
Eira L. Corral Sepúlveda
Mariyana T. Spyropoulos

Richard L. Martinez, Jr.
Acting Diversity Administrator
312.751.4034
martinezr@mwrd.org

November 27, 2024

Alberto Roman
Chicagoland Truckin, Inc
5494 W. Roosevelt Rd
Chicago, IL 60644

Vendor Number: **5011398**

Dear Mr. Alberto Roman,

The result of our review concludes that **Chicagoland Truckin, Inc** is certified as a **Minority Business Enterprise (MBE)** eligible to fulfill **MBE** requirements on Metropolitan Water Reclamation District of Greater Chicago (District) contracts. Your firm is certified as of **November 26, 2024**.

It is your firm's obligation to apply for re-certification no later than **December 1, 2026.** Re-certification may be revoked if it is determined that your firm is involved in bidding irregularities, contract fraud or misrepresentation of your firm's MBE, WBE or VBE status.

Your firm will be listed in the online edition of the District's Vendor Directory. The directory is located at mwrd.org: Doing Business → Affirmative Action → Affirmative Action Vendor List. Your specialty area will be shown as:

HAULING SERVICES

As a certified MBE, WBE or VBE, it is your obligation to promptly notify this office in writing of any changes or circumstances that affect your ability to meet ownership, size requirements and/or control of your firm.

The notice must take the form of a notarized affidavit sworn to by the owner and provided within 30 days of the change. The District reserves the right to commence actions to revoke your firm's certification if this notification is not made.

Illinois law requires that all corporations secure a Certification of Authority from the Illinois Secretary of State prior to doing business in the State.

If you have any questions regarding MBE, WBE or VBE certification or District business opportunities, please contact **Malisa Torres at 312-751-5711**.

Sincerely,

Richard L. Martinez, Jr.

Richard L. Martinez, Jr.
Acting Diversity Administrator

RLM:SJ

WBENC

WOMEN'S BUSINESS ENTERPRISE NATIONAL COUNCIL

JOIN FORCES. SUCCEED TOGETHER.

hereby grants

National Women's Business Enterprise Certification

to

Scanlon Excavating and Concrete, Inc.

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).
This certification affirms the business is woman-owned, operated and controlled and is valid through the date herein.

Certification Granted: December 14, 2023
Expiration Date: December 15, 2025
WBENC National Certification Number: WBE2303669

WBENC National WBE Certification was processed and validated by Women's Business Development Center - Midwest, a WBENC Regional Partner Organization.

Emilia DiMenco

Authorized by Emilia DiMenco, President & CEO Women's Business Development Center - Midwest

WBDC
IGNITES BUSINESS GROWTH

NAICS: 238910
UNSPSC: 72141100, 72141102, 72141105, 72141106, 72141107, 72141120, 72141121

Center for Women & Enterprise · Great Lakes Women's Business Council · Women's Business Council Southwest · WBEC METRO NY · WBEC GREATER NY · WBEA · WBEC EAST · WBEC FLORIDA · WBEC ORV · WBEC PACIFIC · WBEC SOUTH · WBEC WEST

Sec 3 Plan

Section 3 Plan

CONTRACTOR

You may work from this example, however, an individualized plan is required.

Section 3 Goals: Section 3 is a provision of the Housing and Urban Development (HUD) Act of 1968 that helps foster local economic development, neighborhood economic improvement, and individual self-sufficiency.

The Section 3 program requires recipients of certain HUD financial assistance to provide job training, employment, and contracting, to the greatest extent feasible, for low- or very low-income residents in connection with projects and activities in their neighborhoods. Section 3 is race and gender-neutral and is NOT the same as WBE/MBE.

Contracts over $200,000 trigger Section 3. When triggered, best efforts must be made to extend Section 3 opportunities to verified Section 3 residents and business concerns to meet these *minimum* numeric goals:

1. Twenty-five percent (25%) of the total hours on a Section 3 project must be worked by Section 3 workers; and
2. Five percent (5%) of the total hours on a Section 3 project must be worked by Targeted Section 3 workers.

Scanlon Excavating + Concrete agrees to implement the following specific affirmative action steps directed at increasing the utilization of lower income residents and businesses within the Crest Hill - Oakland Ave Water Main Improvement AREA.

Contractors and/or Subcontractors are expected to meet the minimum goals listed above, to the greatest extent feasible. (Note: Section 3 may not be required for all projects, but best efforts to comply with the minimum numerical goals are still highly recommended.) All efforts to utilize Section 3 businesses and workers should be documented, and this Section 3 Project Plan should be submitted for all relevant project bids.

A. To ascertain from the locality's CDBG program official the exact boundaries of the Section 3 covered project area and where advantageous, seek the assistance of local officials in preparing and implementing the affirmative action plan.

B. Preference for Contracting with Section 3 Business Concerns:
Will County Land Use Department is required by HUD Regulation 24 CFR Part 75 to make best efforts to contract with businesses that direct economic opportunities to Section 3 workers. As part of its qualitative efforts, Will County Land Use has elected to institute a preference which stipulates that contract award shall be given to the bidder using the highest number of qualified Section 3 subcontractors and/or workers if the bid is reasonable and no more than ten percent (10%) higher than the lowest responsive bid from

any qualified source. This benefit applies to ALL projects, even if Section 3 is not triggered.

C. To maintain a list of all lower income residents who have applied either on their own or on referral from any source, and to employ such persons, if otherwise eligible and if a vacancy exists.

D. * To insert this Section 3 plan in all bid documents, and to require all bidders on subcontracts to submit a Section 3 Affirmative Action Plan including utilization goals and the specific steps planned to accomplish these goals prior to construction.

E. * To insure that contracts which are typically let on a negotiated rather than a bid basis in areas other than Section 3 covered project areas are also let on a negotiated basis, whenever feasible, when let in a Section 3 covered project area.

F. To formally contract unions, subcontractors and trade associations to secure their cooperation for this project.

G. To insure that all appropriate project area business concerns are notified of pending subcontractual opportunities.

H. To maintain records, including copies of correspondence, memoranda, etc., which document that all of the above affirmative action steps have been taken and be willing to provide all documents to Will County Section 3 Program Manager, Erin Bertocchi.

I. To appoint or recruit an executive official of the company or agency as Equal Opportunity Officer to coordinate the implementation of this Section 3 plan.

*Loans, grants, contracts and subsides for less than $10,000.00 will be exempt.

J. To list on Table A, information related to subcontracts to be awarded.

K. To list on Table B, all projected workforce needs for all phases of this project by occupation, trade, skill level and number of positions.

As officers and representative of Scanlon Excavating + Concrete
(Name of Contractor)

We, the undersigned, have read and fully agree to this Affirmative Action Plan, and become a party to the full implementation of this program.

Elizabeth Scanlon
Signature

President
Title

4-30-25
Date

Elizabeth Scanlon
Signature

Title

Date

Project OWNER shall be copied on all Section 3 outreach correspondence CONTRACTOR:

1) Section 3 residents and Section 3 businesses to submit a proposal for the employment, contracting, and training opportunities shall be sent to the following agencies:

   a. Erin Bertocchi, Section 3 Program Manager
   Will County Land Use
   58 E. Clinton Street
   Joliet IL 60432
   ebertocchi@willcountylanduse.com

   b. Joliet Junior College
   Entrepreneur and Business Center
   https://jjc.edu/jjc-entrepreneur-business-center-getting-started

   c. Post bid/project information to the HUD Opportunity Portal
   https://hudapps.hud.gov/OpportunityPortal

SECTION 3 PLAN

Fostering Local Economic Development, Neighborhood Economic Improvement, and Individual Self-Sufficiency

Scanlon Excavating and Concrete

630 S 7000 W Rd, Kankakee, IL 60901

815-937-9565 bscanlon@scanlonexcavating.net

DUNS Number or UEI: 080846833

Project Name (if applicable):Oakland Ave Water Main Improvements

1. Purpose

The purpose of this Section 3 Plan is to outline how Scanlon Excavating will comply with the requirements of Section 3 of the Housing and Urban Development Act of 1968 (12 U.S.C. 1701u) and 24 CFR Part 75, ensuring that employment, training, and contracting opportunities generated by HUD-funded projects are directed to low- and very-low-income persons, particularly those who reside in the project area.

2. Policy Statement

Scanlon Excavating is committed to:

- Providing meaningful employment and training opportunities to Section 3 residents.
- Awarding contracts to Section 3 business concerns when feasible.
- Promoting local economic development and individual self-sufficiency through hiring, education, and community partnerships.

3. Section 3 Priority Order (per 24 CFR 75.19)

We will prioritize:

1. Residents of public housing or HUD-assisted housing in the project area.
2. Low- or very-low-income persons residing within the metropolitan area or non-metropolitan county.

3. YouthBuild participants.
4. Section 3 Business Concerns that are:
   - At least 51% owned by Section 3 residents; or
   - Whose permanent, full-time employees include at least 75% Section 3 residents; or
   - That subcontract more than 25% of the work to Section 3 businesses.

4. Implementation Strategies

A. Employment & Training

- Partner with local workforce development boards, job training programs, and community colleges.
- Advertise job openings at local community centers, housing agencies, and online portals accessible to Section 3 residents.
- Host or participate in job fairs within the project area.
- Offer internships, apprenticeships, or on-the-job training to low-income individuals.
- Track Section 3 hires and retain documentation.

B. Contracting & Procurement

- Solicit bids from certified Section 3 businesses.
- Maintain a Section 3 business directory and notify them of contract opportunities.
- Break down contracts into smaller scopes to allow participation of small, local businesses.
- Provide technical assistance to Section 3 businesses in navigating procurement processes.

C. Outreach & Communication

- Post public notices in project areas.
- Collaborate with local housing authorities, neighborhood associations, and nonprofits to reach Section 3 residents.
- Maintain a transparent Section 3 contact person within our organization.

D. Self-Sufficiency & Economic Empowerment

- Refer residents to financial literacy, credit repair, and homeownership workshops.
- Encourage participation in vocational and trade certifications.
- Work with nonprofits to address barriers such as transportation and childcare for job seekers.

5. Monitoring & Reporting

- Track all hiring and contracting data, documenting compliance with HUD Form 60002 or its current equivalent.

- Submit required reports to the local HUD office or designated agency.
- Maintain files on Section 3 residents hired, positions offered, wages paid, and businesses contracted.

6. Designated Section 3 Coordinator

Name: Beth Scanlon
Title: President
Phone/Email: 815 937 9565
bscanlon@scanlonexcavating.net

This individual will be responsible for:

- Ensuring compliance with Section 3 regulations.
- Collecting and maintaining documentation.
- Serving as liaison with HUD and local authorities.
- Responding to Section 3 complaints.

7. Certification

I certify that [Your Company Name] has adopted this Section 3 Plan and will make good-faith efforts to implement the goals set forth herein in accordance with HUD's Section 3 regulations.

Authorized Representative:
Name: Beth Scanlon
Title: President
Signature: Elizabeth Scanlon
Date: 4-30-25

Proposed Subcontracts Breakdown

TABLE A

FOR THE PERIOD COVERING_____20____THROUGH_____20 ___

(Duration of CDBG-Assisted Project)

Column 1	Column 2	Column 3	Column 4	Column 5
Type of Contract (Business or Profession)	Total Number of Contracts	Total Approximate Dollar Amount	Estimated Number of Contracts to Project Area Businesses*	Estimated Dollar Amount to Project Area Businesses*

*The Project Area is coextensive with the_____, Will County, Illinois Boundaries.

_____

Company

_____ _____

Project Name Project Number

_____ _____

EEO Officer (Signature) Date

TABLE B-- ESTMATED PROJECT WORKFORCE BREAKDOWN

Column 1	Column 2	Column 3	Column 4
Job Category	Total Estimated Positions	No. Positions Currently Occupied by Permanent Employees	No. Positions Not Currently Occupied
Officers/ Supervisors			
Professionals			
Technicians			
Housing Sales / Rental Management			
Office Clerical			
Service Workers			
Others			
TRADE:			
Journeymen			
Helpers			
Apprentices			
Maximum No. of Trainees			
Others			
TRADE:			
Journeymen			
Helpers			
Apprentices			
Maximum No. of Trainees			
Others			
TRADE:			
Journeymen			
Helpers			
Apprentices			
Maximum No. of Trainees			
Others			
Total			

* Lower Income Project Area Residents. Individuals residing within the County of Will , whose family income does not exceed 90% of the median income in the SMSA.

_____

COMPANY

Subcontractor Form

Contractor Name	Conractor Contact Information	Work Performed
Gallagher Asphalt	708-877-7160	Asphalt

Prime Contractor: Elizabeth S

RETURN WITH BID

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	Naperville					
Estimated Completion Date	10/31/25					
Total Contract Price	4.8M					
Uncompleted Dollar Value if	HMA					$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	$00K					$0
Fencing						$0
Guardrail						$0
Painting						$0
Signing						$0
Cold Milling, Planning, Rotomi						$0
Demolition						$0
Pavement Markings (Paint)						$0
Other Construction (List)						$0
Watermain	3M					$0
Subcontract	1M					$0
						$0
Totals	4.8M $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.

RETURN WITH BID

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: Elizabeth Scanlon

Title: President

Signature: Elizabeth Scal Date: 4-30-2025

Company: Scanlon Excavating & Concrete

Address: 1630 S. 7000 W. Rd

City: Kankakee State: IL Zip Code: 60901

Subscribed and sworn to before me this 30 day of April, 2025

Sherri Palacios
(Signature of Notary Public)

My commission expires 1-10-28

OFFICIAL SEAL
SHERRI L PALACIOS
Notary Public, State of Illinois
Commission No. 985283
My Commission Expires January 10, 2028

(Notary Seal)

☐ Add pages for additional contracts

Certification of Bidder Regarding Equal Employment Opportunity

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 (30 F R 12319-25). The implementing rules and regulations provide that any bidder or prospective contractor, or any of their proposed subcontractors shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION OF BIDDER

Name and address of Bidder (include zip code) Scanlon Excavating & Concrete
630 S 7000 W Rd
Kankakee, IL 60901

1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.
   (X) YES ( ) NO

2. Compliance reports were required to be filed in connection with such contract or subcontract.
   (X) YES ( ) NO

3. Bidder has filed all compliance reports due under applicable instructions, including SF.100 which can be found here: http://www.eeoc.gov/employers/eeo1survey/index.cfm.
   (X) YES ( ) NO ( ) NOT REQUIRED

4. Have you ever seen or are you being considered for sanction due to violation of Executive Order 11246, as amended?
   ( ) YES (X) NO

NAME AND TITLE OF SIGNER (Please type.)
Elizabeth Scanlon President

SIGNATURE Elizabeth Scanlon DATE 4-30-25

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

Certification Of Subcontractor Regarding Section 3 And Segregated Facilities

Project Name: Oakland Ave

Project No.: HD250153

Name of Subcontractor: _____

The undersigned hereby certifies that:

d. Section 3 provisions are included in the Contract

e. A written Section 3 plan was prepared and submitted as part of the bid proceedings (if bid equals or exceeds $200,000.00).

f. No segregated facilities will be maintained.

Elizabeth Scanlon-President

Name and Title of Signer (Print or Type)

Elizabeth Scanl

Signature

4/30/2025

Date

ALL WRITTEN SECTION 3 PLANS ARE REQUIRED. Prior to subcontract award, a subcontractor's Section 3 Plan is required by the Owner and subject to review by the Owner.

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

Contractor's Certification Concerning Labor Standards and Prevailing Wage Requirements

---

TO Date

C/O Will County Land Use Department, Community Development Division
Project Number & Name: Proposed Watermain Plan Oakland Ave City of Crest Hill
Martha M. Sojka, Community Development Director

---

1. The undersigned, having executed a contact with: _____
(Name of Contractor)
for the construction of the above-identified project, acknowledges that:
   a. The Labor Standards provisions are included in the aforesaid contract;
   b. Correction of any infractions of the aforesaid conditions, including infractions by any of his sub-contractors and any lower tier subcontractors, is his responsibility.

---

2. He certifies that:

---

   a. Neither he nor any firm, corporation, partnership or association in which he had substantial interest is designated as an ineligible contractor by the Comptroller General of the United States pursuant to Section 5.6(a) of the Regulations of the Secretary of Labor, Part 5 (CFR, Part 5) or pursuant to Section 3(a) of the Davis-Bacon and Labor Standards Act, a amended [40 U.S.C. 276- 2(e)].

   b. No part of the aforementioned contract has been or will be subordinated to any subcontractor if such sub-contractor or any firm, corporation, partnership or association in which such subcontractor has a substantial interest is designated as an ineligible contractor pursuant to any of the aforementioned regulatory or statutory provisions.

---

3. He agrees to obtain and forward to the aforementioned recipient within ten days after the execution of any subcontract, including those executed by his subcontractors and any lower tier subcontractors, a Subcontractor's Certification Concerning Labor Standards and Prevailing Wage Requirements secured by the subcontractors.

He certifies that:

---

   a. The legal name and the business address of the undersigned are:

   b. The undersigned is:
      1. A Single Proprietorship _____
      2. A Partnership _____
      3. A corporation organized in the State of ILLINOIS
      4. Other organization (describe) _____

c. The names, titles, and address of the owner, partners, or officer of the undersigned are:

Name	Title	Address
Elizabeth Scanlon	President	6030 S 7000 W Rd Kankakee IL 60901
Chris Scanlon	Vice President	SAME

d. The names and addresses of all other persons, both natural and corporate, having a substantial interest in the undersigned, and the nature of the interest are (if none, so state):

Name	Address	Nature of Interest
N/A		

e. The names, addresses and trade classifications of all other building construction contractors in which the undersigned has a substantial interest are (if none, so state):

Name	Address	Trade Classification
N/A		

Scanlon Excavating + Concrete — 4-30-2025

Contractor (Name & Address) — Date

By: Elizabeth Scanlon

WARNING

U.S. Criminal Code, Section 1010, Title 18 U.S.C., provides in part, "Whoever,...makes, processes, or publishes any statement knowing the same to be false...shall be fined not more than $5,000 or imprisoned not more than two years or both."

Subcontractor Form

Contractor Name	Conractor Contact Information	Work Performed

Prime Contractor: Scanlan Excavating & Concrete, Inc.

Certification of Bidder Regarding Section 3 And Segregated Facilities

Project Name: Oakland Ave

Project No.: HD250153

Name of Prime Contractor: Scanlon Excavating + Concrete

The undersigned hereby certifies that:

a. Section 3 provisions are included in the Contract

b. A written Section 3 plan was prepared and submitted as part of the bid proceedings (if bid equals or exceeds $200,000.00).

c. No segregated facilities will be maintained.

Elizabeth Scanlon President
Name and Title of Signer (Print or Type)

Elizabeth Scanlon
Signature

4-30-25
Date

ALL WRITTEN SECTION 3 PLANS ARE REQUIRED AT THE TIME OF BID SUBMITTAL!

INTERNATIONAL UNION OF OPERATING ENGINEERS
LOCAL UNION NO. 150, 150B, 150A, 150C, 150RA, 150D, 150G, 150M
AFFILIATED WITH THE A.F.L.-C.I.O. AND BUILDING TRADES DEPARTMENT

JAMES M. SWEENEY
PRESIDENT-BUSINESS MANAGER

(708) 482-8800 FAX (708) 482-7186
6200 JOLIET ROAD
COUNTRYSIDE, IL 60525-3992

August 24, 2022

Scanlon Excavating & Concrete, Inc
630 S 7000W Rd
Kankakee, IL 60901

Re: Proof of Compliance with 30 ILCS 500/30-22(6)
Our File No. MI-00321

Dear Sir or Madam:

At the request of Scanlon Excavating & Concrete, Inc, I am providing you with evidence of the Company's compliance with the apprenticeship requirements in 30 ILCS 500/30-22(6) of the Illinois Procurement Code. I am submitting this letter along with apprenticeship certificates (Nos.IL012020003 and IL008780173).

As a signatory contractor with the International Union of Operating Engineers, Local 150, AFL-CIO, Scanlon Excavating & Concrete, Inc, is required by Collective Bargaining Agreement to participate in an applicable apprenticeship and training program approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training. The attached certificates are evidence of compliance with the U.S. Department of Labor's apprenticeship requirements.

Thank you for your cooperation in this matter. If you have any questions or concerns, please do not hesitate to contact me.

Very truly yours,

IUOE, Local 150, AFL-CIO
District 1 dispatch office

Maribel Hernandez

Enclosures: Certificates

The United States Department of Labor

Office of Apprenticeship Training, Employer and Labor Services

Bureau of Apprenticeship and Training

Certificate of Registration

Operating Engineers Local #150
Plainfield, Illinois
For the Trade of Operating Engineer
Registered as part of the National Apprenticeship Program
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor

November 5, 2002
Date

IL 0057801 73
Registration No.



L. E. Chao
Secretary of Labor

Administrator, Apprenticeship Training, Employer and Labor Services

The United States Department of Labor

Office of Apprenticeship Training, Employer and Labor Services

Bureau of Apprenticeship and Training

Certificate of Registration

Heavy Equipment Technician Operating Engineers Local #150
Plainfield, Illinois
For the Trade of Repairer (Heavy)
Registered as part of the National Apprenticeship Program
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor

May 5, 2002
Date

IL012020003
Registration No.

DEPARTMENT OF LABOR · UNITED STATES OF AMERICA

Secretary of Labor

Administrator, Apprenticeship Training, Employer and Labor Services

The United States Department of Labor

Office of Apprenticeship Training, Employer and Labor Services

Bureau of Apprenticeship and Training

Certificate of Registration

Operating Engineers Local #150
Plainfield, Illinois
for the Trade of Operating Engineer
Registered as part of the National Apprenticeship Program
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor

November 5, 2002
Date

IL 0085780173
Registration No.

L. E. Chao
Secretary of Labor

Administrator, Apprenticeship Training, Employer and Labor Services

INFORMATION ONLY

The United States Department of Labor

Office of Apprenticeship

Certificate of Registration of Apprenticeship Program

Illinois Laborers' & Contractors Joint Apprenticeship & Training Program
Mt. Sterling, Illinois

For the Trade - Construction Craft Laborer

Registered as part of the National Apprenticeship System
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor

Registered - February 3, 1997
Date

Revised - June 26, 2020

Registration No. ILO01970001

Administrator, Office of Apprenticeship

8156374590 p.1

The United States Department of Labor

Office of Apprenticeship Training, Employer and Labor Services

Bureau of Apprenticeship and Training

Certificate of Registration

N. IL Cement Masons & Plasterers JATC Local #11

Rockford, Illinois

For the Trades - Cement Mason and Plasterer

Registered as part of the National Apprenticeship Program

in accordance with the basic standards of apprenticeship

established by the Secretary of Labor

July 26, 1989

Date *Revised June 17, 2004*

IL004890005

Registration No

DEPARTMENT OF LABOR · UNITED STATES OF AMERICA ·

Secretary of Labor

Administrator, Apprenticeship Training, Employer and Labor Services

cement masons

SCANEXC-01 NIKKIF

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 6/4/2025

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 Compass Insurance	CONTACT NAME: PHONE (A/C, No, Ext): (309) 662-6800 FAX (A/C, No): E-MAIL ADDRESS: nikkif@compasscoverage.com
	INSURER(S) AFFORDING COVERAGE — NAIC #
	INSURER A : West Bend Mutual Insurance Company — 15350
INSURED Scanlon Excavating & Concrete Inc 630 S 7000 W Rd Kankakee, IL 60901	INSURER B : Evanston Insurance Company
	INSURER C :
	INSURER D :
	INSURER E :
	INSURER F :

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	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT LOC OTHER:	X	X	B703934	5/12/2025	5/12/2026	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 500,000 $ 10,000 $ 1,000,000 $ 3,000,000 $ 3,000,000
A	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY SCHEDULED AUTOS HIRED AUTOS ONLY NON-OWNED AUTOS ONLY	X	X	B703934	5/12/2025	5/12/2026	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
A	X UMBRELLA LIAB X OCCUR EXCESS LIAB CLAIMS-MADE DED X RETENTION $ 0	X	X	B703934	5/12/2025	5/12/2026	EACH OCCURRENCE AGGREGATE	$ 10,000,000 $ 10,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N N If yes, describe under DESCRIPTION OF OPERATIONS below	N / A	X	B703884	5/12/2025	5/12/2026	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1,000,000 $ 1,000,000 $ 1,000,000
B	Pollution Liability	X		CPLMOL123732	5/12/2024	5/12/2026	Aggregate	2,000,000
B	Professional Liab			CPLMOL123732	5/12/2024	5/12/2026	Occurrence	1,000,000

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

City of Crest Hill, V3 Companies, Ltd. , And their respective elected and appointed officials, employees, agents, consultants, attorneys and representatives are included as Additional Insureds on a Primary Non-Contributory basis with respect to General Liability, including completed operations, Pollution Liability, and Automobile Liability, as required by written contract. Waiver of Subrogation in favor of the Additional Insureds applies to General Liability, Automobile Liability and Workers Compensation, as required by written contract. Umbrella follows form. See Attached Endorsements, Thirty (30) day notice of cancellation applies except ten (10) day notice of cancellation applies for nonpayment of premium

CERTIFICATE HOLDER

City of Crest Hill
20600 City Center Boulevard
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

Nikki Frye

© 1988-2015 ACORD CORPORATION. All rights reserved.

The ACORD name and logo are registered marks of ACORD

EVANSTON INSURANCE COMPANY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – SPECIFIED PERSON(S) OR ORGANIZATION(S)

This endorsement modifies insurance provided under the following:

CONTRACTOR'S POLLUTION LIABILITY COVERAGE FORM

SCHEDULE

Person(s) Or Organization(s):	By Written Request

With respect to coverage provided under this endorsement only, the following is added under Section **III** – Who Is An Insured:

Each of the following is an insured under all Insuring Agreements and Supplementary Payments:

The Person(s) Or Organization(s) shown in the Schedule of this endorsement, provided you have agreed to provide additional insured status in a written contract or agreement that was executed prior to the:

1. Commencement of "your work"; and

2. Date the "pollution conditions" first commenced.

The Person(s) Or Organization(s) shown in the Schedule of this endorsement is an insured only with respect to "bodily injury", "property damage", or "cleanup costs" caused by a "pollution condition" for which such Persons(s) Or Organization(s) is liable because of "your work". There is no coverage under this insurance for any "claims" arising out of the sole negligence of such Person(s) Or Organization(s).

However, the insurance afforded to such additional insured:

a. Only applies to the extent permitted by law;

b. Will not be broader than that which you are required by the contract or agreement to provide for such additional insured; and

c. Is limited to the lesser of the Limits Of Insurance shown in the Declarations or the amount required by the written contract or agreement.

All other terms and conditions remain unchanged.

Includes copyrighted material of Insurance Services Office, Inc., with its permission.

a. You must notify us in writing as soon as possible the specifics of the "claim" and the date received; and

b. You and any other involved insured must:

(1) Immediately send us copies of any demands, notices, summons, or legal papers received in connection with the "claim";

(2) Authorize us to obtain records and other information;

(3) Cooperate with us in the investigation, settlement, or defense of the "claim";

(4) Assist us, upon our request, in the enforcement of any right against any person or organization which may be liable to the insured because of injury or damage to which this insurance may also apply; and

(5) Submit to examination under oath as often as reasonably required by us.

3. No insured will, except at that insured's own cost, voluntarily make a payment, assume any obligation, or incur any expense, without our written consent. However, written consent is not required with respect to:

a. "Crisis management costs" that have been reported in accordance with Insuring Agreement **A.5.** Crisis Management Costs; or

b. "Emergency response costs" that have been reported and approved by us or our appointed representative by use of the emergency response hotline.

4. Notice to your insurance agent or broker does not constitute notice to us for purposes of the receipt of notice.

D. Independent Counsel

In the event the insured is entitled by applicable law to select independent counsel to defend a "claim" or "suit" at our expense, the attorneys' fees and all other expenses we must pay to that counsel are limited to the rates we actually pay to counsel we retain in the ordinary course of business in the defense of similar claims or suits in the community where the "claim" arose or the "suit" is being defended.

Additionally, we may exercise the right to require that such counsel have certain minimum qualifications with respect to their competence including at least five years of experience in defending "claims" or "suits" similar to the one pending against the insured and to require such counsel have errors and omissions insurance coverage with a limit at least equal to this Policy's applicable Each Insuring Agreement Limit.

With respect to any such counsel, the insured agrees that counsel will:

1. Respond timely and regularly to our request for information regarding the "claim" or "suit"; and

2. Provide regular status reports, budgets, case plans, and updates on significant developments.

Furthermore, the insured may at any time, by the insured's written consent, freely and fully waive these rights to select independent counsel.

E. Legal Action Against Us

No person or organization has a right under this Policy to:

1. Join us as a party or otherwise bring us into a "suit" asking for damages from an insured; or

2. Sue us on this Policy unless all of its terms have been fully complied with.

A person or organization may sue us to recover on an agreed settlement or on a final judgment against an insured obtained after an actual trial, but we will not be liable for "losses" that are not payable under the terms of this Policy or that are in excess of the applicable Limit Of Insurance. An agreed settlement means a settlement and release of liability signed by the insured and the claimant or the claimant's legal representative.

F. Other Insurance

If other valid and collectible insurance is available to the insured for "loss" we cover under this Policy, our obligations are limited as follows:

1. Primary Insurance

This insurance is primary except when Paragraph **2.** below applies. If this insurance is primary:

a. This insurance is not contributory with any other insurance available to any third-party liability policy if required by a written contract, signed by both parties, and executed prior to the commencement of operations or "your work".

b. Our obligations are not affected unless any of the other insurance is also primary. In that case, we will share with all such other insurance by the method described in Paragraph **3.** below.

2. Excess Insurance

a. This insurance is excess over:

(1) Any other insurance, whether primary, excess, contingent, or on any other basis if you are an insured on an insurance policy that applies to "your work" performed at a specific job site and that insurance policy applies to a specific job site;

(2) Any other valid and collectible insurance available to you covering liability for "losses" arising out of "your work", including that work for which you have been added as an additional insured by an endorsement, by definition in a contract or agreement, or by combination thereof;

(3) Any other valid and collectible insurance available to any person or entity performing functions for others on your behalf as defined in "your work" in this Policy;

(4) Any valid and collectible project-specific insurance policy, owner's protective insurance policy, owner-controlled insurance policy, contractor-controlled insurance policy, wrap-up policy, or similar insurance program under which an insured is covered; or

(5) Any other valid and collectible insurance, whether primary, excess, contingent, or on any other basis, covering a:

(a) "Transportation pollution condition", if Insuring Agreement **A.2.** Transportation Pollution Liability is shown as purchased in the Declarations;

(b) "Pollution condition" on a "non-owned disposal site", if Insuring Agreement **A.3.** Non-Owned Disposal Site Liability is shown as purchased in the Declarations; or

(c) "Pollution condition" resulting from "your work" if you are an insured on an insurance policy that applies to "your work" performed at a specific job site or if you are added as an additional insured on another insurance policy.

b. When this insurance is excess, we will have no duty to defend the insured against any "suit" if any other insurer has a duty to defend the insured against that "suit". If no other insurer defends, we will undertake to do so, but we will be entitled to the insured's rights against all those other insurers.

c. When this insurance is excess over other insurance, we will pay only our share of the amount of the "loss", if any, that exceeds the sum of:

(1) The total amount that all such other insurance would pay for the damages in the absence of this insurance; and

(2) The total of all deductible and self-insured amounts under all that other insurance.

We will share the remaining "loss", if any, with any other insurance that is not described in this Excess Insurance provision and was not bought specifically to apply in excess of the Limits Of Insurance shown in the Declarations of this Policy.

3. Method Of Sharing

If all of the other insurance permits contribution by equal shares, we will follow this method also. Under this approach each insurer contributes equal amounts until it has paid its applicable limit of insurance or none of the "loss" remains, whichever comes first. However, our contribution will not apply until our applicable Deductible or Self-Insured Retention is satisfied.

If any of the other insurance does not permit contribution by equal shares, we will contribute by limits. Under this method, each insurer's share is based on the ratio of its applicable limit of insurance to the total applicable limits of insurance of all insurers.

G. Premium Audit

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY – OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

(1) The additional insured is a Named Insured under such other insurance; and

(2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

 © Insurance Services Office, Inc., 2018

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location(s) Of Covered Operations
Any person or organization with whom you have agreed, prior to an "occurrence," to obtain additional insured coverage in a written contract or agreement. However, this endorsement provides coverage only if the written contract	All work performed by Scanlon Excavating & Concrete, Inc
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

 © ISO Properties, Inc., 2004 □

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
Any person or organization with whom you have agreed, prior to an "occurrence," to obtain additional insured coverage in a written contract or agreement. However, this endorsement provides coverage only if the written	All work performed by Scanlon Excavating & Concrete, Inc
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

 © Insurance Services Office, Inc., 2012

C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

© Insurance Services Office, Inc., 2012

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization: Any person or organization with whom you have agreed, prior to an "occurre
, IL

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

A. **Section II – Who Is An Insured** is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of your ongoing operations performed for that insured.

B. With respect to the insurance afforded to these additional insureds, the following exclusion is added:

2. Exclusions

This insurance does not apply to "bodily injury" or "property damage" occurring after:

(1) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the site of the covered operations has been completed; or

(2) That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

© ISO Properties, Inc., 2000

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location(s) Of Covered Operations
Any person or organization with whom you have agreed, prior to an “occurrence,” to obtain additional insured coverage in a written contract or agreement. However, this endorsement provides coverage only if the written	All work performed by Scanlon Excavating & Concrete, Inc
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

 © Insurance Services Office, Inc., 2018

C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

© Insurance Services Office, Inc., 2018

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):
Scanlon Farms , IL
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, 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:

1. In the performance of your ongoing operations; or

2. In connection with your premises owned by or rented to you.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and

2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

 © Insurance Services Office, Inc., 2018

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – ENGINEERS, ARCHITECTS OR SURVEYORS NOT ENGAGED BY THE NAMED INSURED

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name(s) Of Additional Insured Engineer(s), Architect(s) Or Surveyor(s) Not Engaged By The Named Insured:
Any person or organization with whom you have agreed, prior to an “occurrence,” to obtain additional insured cov , IL
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. **Section II – Who Is An Insured** is amended to include as an additional insured the architects, engineers or surveyors shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or

2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations performed by you or on your behalf.

Such architects, engineers or surveyors, while not engaged by you, are contractually required to be added as an additional insured to your policy.

However, the insurance afforded to such additional insured:

1. Only applies to the extent permitted by law; and

2. Will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusion applies:

This insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of or the failure to render any professional services, including:

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

2. Supervisory, inspection or engineering services.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of or the failure to render any professional services.

 © Insurance Services Office, Inc., 2018

C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

The most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

 © Insurance Services Office, Inc., 2018

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – LESSOR OF LEASED EQUIPMENT – AUTOMATIC STATUS WHEN REQUIRED IN LEASE AGREEMENT WITH YOU

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. **Section II – Who Is An Insured** is amended to include as an additional insured any person(s) or organization(s) from whom you lease equipment when you and such person(s) or organization(s) have agreed in writing in a contract or agreement that such person(s) or organization(s) be added as an additional insured on your policy. Such person(s) or organization(s) is an insured only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your maintenance, operation or use of equipment leased to you by such person(s) or organization(s).

However, the insurance afforded to such additional insured:

1. Only applies to the extent permitted by law; and

2. Will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

A person's or organization's status as an additional insured under this endorsement ends when their contract or agreement with you for such leased equipment ends.

B. With respect to the insurance afforded to these additional insureds, this insurance does not apply to any "occurrence" which takes place after the equipment lease expires.

C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

The most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement you have entered into with the additional insured; or

2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

 © Insurance Services Office, Inc., 2018

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	**Location And Description Of Completed Operations**
Any person or organization with whom you have agreed, , IL	All work performed by Scanlon Excavating & Concrete, Inc
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

 © ISO Properties, Inc., 2004 □

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization: Any person or organization with whom you have agreed, prior to an "occu , IL
Location And Description of Completed Operations: All work performed by Scanlon Excavating & Concrete, Inc
Additional Premium: $750

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

Section II – Who Is An Insured is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of "your work" at the location designated and described in the schedule of this endorsement performed for that insured and included in the "products-completed operations hazard".

 © ISO Properties, Inc., 2000 □

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
Any person or organization with whom you have agreed, , IL	All work performed by Scanlon Excavating & Concrete, Inc
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and

2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

 © Insurance Services Office, Inc., 2018

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
Any person or organization with whom you have agreed, , IL	All work performed by Scanlon Excavating & Concrete, Inc
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and

2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or

2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

 © Insurance Services Office, Inc., 2012

ADDITIONAL INTEREST NAME EXTENSION

An Additional Interest that requires additional space to display the complete name is shown in the schedule of this endorsement.

SCHEDULE

Form Applicable to Additional Interest:

CG2010 Add'l Insured-Owners/Lessees/Contr

Additional Interest Name:

Any person or organization with whom you have agreed, prior to an “occurrence,” to obtain additional insured coverage in a written contract or agreement. However, this endorsement provides coverage only if the written contract or agreement specifies that you provide additional insured coverage utilizing this endorsement’s specific coverage form and edition date.

ADDITIONAL INTEREST NAME EXTENSION

An Additional Interest that requires additional space to display the complete name is shown in the schedule of this endorsement.

SCHEDULE

Form Applicable to Additional Interest:

CG2010 Add'l Insured-Owners/Lessees/Contr

Additional Interest Name:

Any person or organization with whom you have agreed, prior to an “occurrence,” to obtain additional insured coverage in a written contract or agreement. However, this endorsement provides coverage only if the written contract or agreement specifies that you provide additional insured coverage utilizing this endorsement’s specific coverage form and edition date.

ADDITIONAL INTEREST NAME EXTENSION

An Additional Interest that requires additional space to display the complete name is shown in the schedule of this endorsement.

SCHEDULE

Form Applicable to Additional Interest:

CG2010 Add'l Insured-Owners/Lessees/Contr

Additional Interest Name:

Any person or organization with whom you have agreed, prior to an “occurrence,” to obtain additional insured coverage in a written contract or agreement. However, this endorsement provides coverage only if the written contract or agreement specifies that you provide additional insured coverage utilizing this endorsement’s specific coverage form and edition date.

ADDITIONAL INTEREST NAME EXTENSION

An Additional Interest that requires additional space to display the complete name is shown in the schedule of this endorsement.

SCHEDULE

Form Applicable to Additional Interest:

CG2010 Add'l Insured-Owners/Lessees/Contr

Additional Interest Name:

Any person or organization with whom you have agreed, prior to an “occurrence,” to obtain additional insured coverage in a written contract or agreement. However, this endorsement provides coverage only if the written contract or agreement specifies that you provide additional insured coverage utilizing this endorsement’s specific coverage form and edition date.

ADDITIONAL INTEREST NAME EXTENSION

An Additional Interest that requires additional space to display the complete name is shown in the schedule of this endorsement.

SCHEDULE

Form Applicable to Additional Interest:

CG2037 Add'l Insured-Owners/Contractors Completed Ops

Additional Interest Name:

Any person or organization with whom you have agreed, prior to an “occurrence,” to obtain additional insured coverage in a written contract or agreement. However, this endorsement provides coverage only if the written contract or agreement specifies that you provide additional insured coverage utilizing this endorsement’s specific coverage form and edition date.

ADDITIONAL INTEREST NAME EXTENSION

An Additional Interest that requires additional space to display the complete name is shown in the schedule of this endorsement.

SCHEDULE

Form Applicable to Additional Interest:

CG2037 Add'l Insured-Owners/Contractors Completed Ops

Additional Interest Name:

Any person or organization with whom you have agreed, prior to an “occurrence,” to obtain additional insured coverage in a written contract or agreement. However, this endorsement provides coverage only if the written contract or agreement specifies that you provide additional insured coverage utilizing this endorsement’s specific coverage form and edition date.

ADDITIONAL INTEREST NAME EXTENSION

An Additional Interest that requires additional space to display the complete name is shown in the schedule of this endorsement.

SCHEDULE

Form Applicable to Additional Interest:

CG2037 Add'l Insured-Owners/Contractors Completed Ops

Additional Interest Name:

Any person or organization with whom you have agreed, prior to an “occurrence,” to obtain additional insured coverage in a written contract or agreement. However, this endorsement provides coverage only if the written contract or agreement specifies that you provide additional insured coverage utilizing this endorsement’s specific coverage form and edition date.

ADDITIONAL INTEREST NAME EXTENSION

An Additional Interest that requires additional space to display the complete name is shown in the schedule of this endorsement.

SCHEDULE

Form Applicable to Additional Interest:

CG2037 Add'l Insured-Owners/Contractors Completed Ops

Additional Interest Name:

Any person or organization with whom you have agreed, prior to an “occurrence,” to obtain additional insured coverage in a written contract or agreement. However, this endorsement provides coverage only if the written contract or agreement specifies that you provide additional insured coverage utilizing this endorsement’s specific coverage form and edition date.

ADDITIONAL INTEREST NAME EXTENSION

An Additional Interest that requires additional space to display the complete name is shown in the schedule of this endorsement.

SCHEDULE

Form Applicable to Additional Interest:

CG2032 Add'l Insured-Engineers, Architects

Additional Interest Name:

Any person or organization with whom you have agreed, prior to an “occurrence,” to obtain additional insured coverage in a written contract or agreement. However, this endorsement provides coverage only if the written contract or agreement specifies that you provide additional insured coverage utilizing this endorsement’s specific coverage form and edition date.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION) – AUTOMATIC

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
ELECTRONIC DATA LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
POLLUTION LIABILITY COVERAGE PART DESIGNATED SITES
POLLUTION LIABILITY LIMITED COVERAGE PART DESIGNATED SITES
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
RAILROAD PROTECTIVE LIABILITY COVERAGE PART
UNDERGROUND STORAGE TANK POLICY DESIGNATED TANKS

The following is added to Paragraph **8. Transfer Of Rights Of Recovery Against Others To Us** of **Section IV – Conditions:**

We waive any right of recovery against any person or organization, because of any payment we make under this Coverage Part, to whom the insured has waived its right of recovery in a written contract or agreement. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such person or organization prior to loss.

 © Insurance Services Office, Inc., 2018

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PLUS PAK – COMMERCIAL AUTO

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

A. Changes In Covered Autos Liability Coverage

1. Paragraph **A.1. Who Is An Insured** is amended by the addition of the following:

Newly Acquired Organizations

Any organization you newly acquire or form, other than a partnership, joint venture or limited liability company, and over which you maintain ownership or majority interest, will qualify as a Named Insured if there is no other similar insurance available to that organization. However:

a. Coverage under this provision is afforded only until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier;

b. This coverage does not apply to **"**bodily injury**"** or **"**property damage**"** that occurred before you acquired or formed the organization; and

c. 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.

Employees As Insureds

Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

Employee Hired Autos

An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while performing duties related to the conduct of your business.

If Employee Hired Autos **CA 20 54** is attached to this policy, the Employee Hired Autos coverage described above does not apply.

Additional Insured By Written Contract

Any person or organization for whom you have agreed to add under a written contract or agreement. Such person or organization is an additional "insured" only with respect to your ownership, maintenance or use of a covered "auto".

This coverage is primary to and will not seek contribution from any other insurance available to an "insured" provided that:

a. Such "insured" is a Named Insured under such other insurance; and

b. You have agreed in a written contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to such "insured".

2. Increased Supplementary Payments

Paragraph **A.2.a.(4)** is replaced by:

(4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to $300 a day because of time off from work.

3. Fellow Employee

Paragraph **B.5. Fellow Employee** does not apply to claims for "bodily injury" resulting from the use of a covered "auto" where the fellow "employee" is not immune from "suit" or civil liability for "bodily injury" by reason of Workers Compensation laws or other similar laws.

Coverage is excess over any other collectible insurance.

This amendment is not applicable in Virginia. See applicable Virginia Changes endorsement.

B. Changes In Physical Damage Coverage

1. Paragraph **A. Coverage** is amended by the addition of:

Loan/Lease Gap Coverage

In the event of a total "loss" to a covered "auto", of the private passenger or "light or medium truck" type, to which a loss payee applies under the Commercial Auto Coverage Part, we will pay any unpaid amount due on the lease or loan for a covered "auto" less:

The amount paid under the policy's Physical Damage Coverage and any:

a. Overdue or any deferred lease/loan payments at the time of the **"**loss**"**;

b. Financial penalties imposed under a lease for excessive use, abnormal wear and tear or high mileage;

c. Security deposits not returned by the lessor;

d. Costs for extended warranties, Credit Life Insurance, Health, Accident or Disability Insurance purchased with the loan or lease; and

e. Carry-over balances from previous loans or leases.

This coverage applies only to "autos", of the private passenger or "light or medium truck" type, that:

a. Are provided comprehensive and collision coverages by the attached policy and

b. Have not been previously titled under the motor vehicle laws of any state.

The insurance provided is excess over any other collectible insurance including but not limited to any coverage provided by or purchased from the lessor or any financial institution.

The Loan/Lease Gap Coverage described above does not apply to a covered "auto" that is described or designated as a covered "auto" on Auto Loan/Lease Gap Coverage Endorsement **CA 20 71**.

2. Paragraph **A.2. Towing and Labor** is replaced by:

2. Towing and Labor

We will pay up to a maximum of $150 for towing and labor costs incurred each time a covered "auto", of the private passenger or "light or medium truck" type, is disabled. However, the labor must be performed at the place of disablement.

If a limit is shown in the Declarations for towing and labor costs, the Towing and Labor coverage described above does not apply.

3. Paragraph **A.4.a. Transportation Expenses** is replaced by:

a. Transportation Expenses

We will pay up to $50 per day, to a maximum of $1,500, for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger or "light or medium truck" type. We will pay only for those covered "autos" for which you carry either Comprehensive or Specified Causes Of Loss Coverage. We will pay for temporary transportation expenses incurred during the period beginning 48 hours after the theft and ending, regardless of the policy's expiration, when the covered "auto" is returned to use or we pay for its "loss".

4. Paragraph **A.4.b. Loss of Use Expenses** is replaced by:

b. Loss of Use Expenses

For Hired Auto Physical Damage, we will pay expenses for which an "insured" becomes legally responsible to pay for loss of use of a vehicle rented or hired without a driver under a written rental contract or agreement. We will pay for loss of use expenses caused by:

(1) Other than collision only if the Declarations indicates that Comprehensive Coverage is provided for any covered "auto";

(2) Specified Causes Of Loss only if the Declarations indicates that Specified Causes Of Loss Coverage is provided for any covered "auto"; or

(3) Collision only if the Declarations indicates that Collision Coverage is provided for any covered "auto".

However, the most we will pay for any expenses for loss of use is $50 per day, to a maximum of $1,500.

If Optional Limits – Loss of Use Expenses Endorsement **CA 99 90** is attached to this policy, the Loss of Use Expenses described above does not apply.

5. Paragraph **A.4. Coverage Extensions** is amended by the addition of:

Electronic Logging Devices

We will also pay, with respect to a covered "loss", up to $5,000 in any one occurrence for the actual loss sustained to all electronic on-board recorder permanently installed in the "auto" but only with respect to a covered "auto".

A deductible of $250 applies to any one occurrence.

In the event that there is more than one applicable deductible, only the highest deductible will apply.

Personal Property

If we pay for a "loss" to a covered "auto" caused by:

a. Fire,

b. Lightning,

c. Theft or attempted theft if there are visible signs of someone breaking into the covered **"**auto**"** or the entire **"**auto**"** is stolen or

d. Collision, we will extend coverage to pay for **"**loss**"** to personal property contained in or on the **"**auto**"** at the time of the **"**loss**"** to the **"**auto**"**.

Under this extension:

(1) The personal property must be owned by you, your family member or your employee.

(2) We will pay up to $500 in any one **"**loss**"**.

(3) This Personal Property coverage is excess over any other insurance available for the same **"**loss**"**.

(4) Personal Property does not include tools, jewelry, money or securities.

Rental Reimbursement

We will pay for rental reimbursement expenses incurred by you for the rental of an "auto" because of a covered "loss" to a covered "auto" of the private passenger or truck type. Payment applies in addition to the otherwise applicable amount of each coverage you have on a covered "auto". No deductibles apply to this coverage.

We will pay only for those expenses incurred during the policy period beginning 24 hours after the "loss" and ending, regardless of the policy's expiration, with the lesser of the following number of days:

a. The number of days reasonably required to repair or replace the covered **"**auto**"**. If **"**loss**"** is caused by theft, this number of days is added to the number of days it takes to locate the covered **"**auto**"** and return it to you.

b. 30 days.

Our payment is limited to the lesser of the following amounts:

a. Necessary and actual expenses incurred.

b. $100 per day.

This coverage does not apply while there are spare or reserve "autos" available to you for your operations.

If "loss" results from the total theft of a covered "auto" of the private passenger or truck type, we will pay under this coverage only that amount of your rental reimbursement expenses which is not already provided for under – Physical Damage Coverage Extension.

The Rental Reimbursement Coverage described above does not apply to a covered "auto" that is described or designated as a covered "auto" on Rental Reimbursement Coverage Endorsement **CA 99 23**.

Hired Auto Physical Damage

If hired "autos" are covered "autos" for Liability Coverage and Comprehensive, Specified Causes Of Loss or Collision Coverages are provided for any "auto" you own, then the Physical Damage Coverages provided are extended to "autos" you hire of the private passenger or "light or medium truck" type.

The most we will pay for "loss" to any hired "auto" is the lesser of:

a. $75,000

b. The actual cash value of the damaged hired **"**auto**"** or

c. The cost of repairing or replacing the damaged or stolen hired **"**auto**"**.

Our obligation to pay for repair, return or replacement of a stolen hired "auto", will be reduced by a deductible. The deductible will be equal to the largest deductible applicable to any owned "auto" of the private passenger or "light or medium truck" type for the applicable coverage.

Hired Auto Physical Damage Coverage is excess over any other collectible insurance. Subject to the above limit, deductible and excess provisions, we will provide coverage equal to the broadest coverage applicable to any covered "auto" you own of the private passenger or "light or medium truck" type.

If symbol 08 or 68 is listed in the Covered Autos section of the Declarations as applying to any Physical Damage Coverages, the Hired Auto Physical Damage described above does not apply.

6. Paragraphs **B.3.a.** in the Business Auto Coverage Form and **B.4.a**. in the Motor Carrier Coverage Form are amended by the addition of the following:

Accidental Airbag Inflation

This exclusion does not apply to the accidental inflation of an airbag.

7. Paragraph **C. Limits of Insurance** is amended by the addition of the following:

Waiver of Depreciation – Private Passenger Vehicle

If we deem a covered "auto", of the private passenger type, to be a total loss, within 180 days of your purchase of the "auto", and it has not been previously titled under the motor vehicle laws of any state, at our option, we may:

a. Replace the covered **"**auto**"** with a new "auto" of like make, model and year or

b. Pay you an amount equal to the cost of the covered **"**auto**"** new, including taxes.

This coverage does not apply to a leased "auto".

No one will be entitled to receive duplicate payments for the same elements of "loss" under this endorsement and this Coverage Form's Physical Damage Coverage

The Waiver of Depreciation – Private Passenger Vehicle Coverage described above does not apply to a covered "auto" that is described or designated as a covered "auto" on Replacement Cost Coverage – Private Passenger Types Endorsement **CA 04 41**.

8. Paragraph **D. Deductible** is amended by the addition of the following:

Attached Autos

If you have a loss to more than one covered "auto" when such covered "autos" are attached to one another at the time of "loss", then our obligation to pay will be reduced by the single highest applicable deductible.

Auto and Other Property Loss

If you have a covered "loss" to Covered Property under a Transportation, Trip Transit, or Motor Truck Cargo Legal Liability Coverage Form under this policy and a covered "loss" to a covered "auto" or more than one covered "autos" that are attached to one another at the time of "loss", then our obligation to pay will be reduced by the single highest applicable deductible**.**

Glass Repair – Waiver Of Deductible

If the Declarations indicates that Comprehensive Coverage applies, no Comprehensive Coverage deductible applies to the cost of repairing damaged glass on the covered "auto(s)".

C. Changes in Business Auto Conditions and Motor Carrier Conditions

1. Paragraph **A.2.a. Duties In The Event Of Accident, Claim, Suit Or Loss** is amended by the addition of the following:

This duty applies only when the "accident" or "loss" is known to:

(1) You, if you are an individual,

(2) A partner, if you are a partnership.

(3) A member or manager, if you are a limited liability company or

(4) An executive officer or insurance manager, if you are a corporation.

2. Paragraph **A.5. Transfer of Rights of Recovery Against Others To Us** is amended by the addition of the following:

This condition does not apply to any person(s) or organization(s) for whom you are required to waive subrogation with respect to the coverage provided under this Coverage Form, but only to the extent that subrogation is waived:

a. Under a written contact or agreement with such person(s) or organization(s); and

b. Prior to the "accident" or the "loss."

3. Paragraphs **B.5.b.** in the Business Auto Coverage Form and **B.5.f.** in the Motor Carrier Coverage Form are deleted.

If symbol 08 or 68 is listed in the Covered Autos section of the Declarations as applying to any Physical Damage Coverages, this item does not apply.

4. Paragraph **B.5** is amended by the addition of the following:

Employee Hired Autos

For Hired Auto Physical Damage Coverage, any covered "auto" hired or rented by your "employee" under a contract in an "employee's" name, with your permission, while performing duties related to the conduct of your business is deemed to be a covered "auto" you own.

If Employee Hired Autos Endorsement **CA 20 54** is attached to this policy, the Employee Hired Autos coverage described above does not apply.

D. Changes in Definitions

1. Paragraph **C.** is replaced by the following:

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

2. The following definition is added:

"Light or medium truck" means a truck of 20,000 lbs. or less gross vehicle weight**.**

(Ed. 4-84)

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 party with whom the insured agrees to waive subrogation in a written contract

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective
Policy No. B703884
Endorsement No.
Premium Included
Insured
Scanlon Excavating & Concrete, Inc
Insurance Company
West Bend Insurance Company
Countersigned by _____

WC 00 03 13
(Ed. 4-84)

© 1983 National Council on Compensation Insurance.

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
IN CONJUCTION WITH CITY OF 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 Clerk's office, 20600 City Center Blvd, Crest Hill, Illinois 60403, until 10:00 AM on April 30, 2025.

OAKLAND AVENUE WATER MAIN IMPROVEMENT PROJECT

Sealed proposals will be opened and read publicly at City Hall at 20600 City Center Boulevard in the Council Chambers, Crest Hill, Illinois 60403 at 10:00 A.M. April 30, 2025. No bid shall be withdrawn after the opening of the proposals without the consent of the 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.

Attention of bidders is particularly called to the requirements as to conditions of employment to be observed and minimum wage rates to be paid under the contract, Section 3, Segregated Facility, Section 109 and E.O. 11246. MBE/WBE: Women and Minority Owned Businesses are encouraged to submit proposal. The contractor 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. Also all materials used shall conform to Build America By America Act. Any items that don't comply will be rejected.

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 reserve 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 of 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 and Will County must also approve 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.

The Contractor submitting the bid shall perform 50% of the base bid work. The alternate work in this bid shall not be included in the 50% work performed by bidder.

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

The program manager from Will County will be conducting on site employee interviews and visiting the site to ensure that the employee rights board is properly displayed throughout the site.

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 and County 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 and notify Will County as well. The Municipality and Cunty 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 as well as Addendum, Written Amendments, Change Orders, Work Change Directions and Field Orders.

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
    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.

<u>COOPERATION WITH FOIA COMPLIANCE</u>

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. The successful contractor must be registered with SAM.gov and provide a verification of good standing with the bid documents. If the contractor does not provide documentation or are not in good standing their bid will be rejected.

DCEO AND BEP GOALS

The contractor shall meet all BEP goals that have been set for this project. Please see the requirements below. The contractor must provide all correspondences and fill out the UP documents attached below for each BEP contractor that will be performing work on this project. If the contractor does not provide documentation or did not meet the BEP requirements their bid will be rejected.

Illinois
Department of Commerce
& Economic Opportunity
JB Pritzker, Governor

March 4, 2025

Raymond Soliman
Mayor
City of Crest Hill
20600 City Center Boulevard
Crest Hill, IL 60403

RE: DCEO PROJECT #HD250153

Dear Mr. Soliman:

This letter is to inform you that we have reviewed the information provided concerning the above-referenced grant project.

Based on this information, an overall Business Enterprise Program (BEP) Goal of 28% has been determined with 18% of grant dollars going to minority-owned business enterprises (MBEs or WMBEs), and 10% going to women-owned business enterprises (WBEs or WMBEs), or persons with disabilities-owned business enterprises (PBEs). This goal is based on the availability of State-certified vendors to perform the anticipated direct subcontracting opportunities of the Utilization Plan (UP).

Please Note: Only subcontractors/suppliers certified through the State of Illinois' Commission on Equity and Inclusion (CEI) Business Enterprise Program will count toward meeting the utilization goals for this grant.

Please retain this letter in your files.

If you have any questions or concerns, please contact me at CEO.OGM.BEP@Illinois.gov.

Sincerely,

Zach Wichmann
Office of Grants Management, Exec II, External Requirements Unit
Department of Commerce & Economic Opportunity

Cc: Ronald Wiedeman
Shauna Mays, DCEO Grant Manager

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 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 28 **%**. 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 # HD250153

_____ (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 # HD250153

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 $ _____. 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 # HD250153

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 $ _____. 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 # HD250153

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 $ _____. 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.

Illinois Department of Transportation

Local Public Agency Federal Contract Proposal

Print With Instructions | 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 | 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 | 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

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of the City of Crest Hill, City Hall (Name of Office)

20600 City Center Blvd, Crest Hill, IL 60403 (Address) until 10:00 AM (Time) on 4/30/2025 (Date).

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

(Address) at 10:00 AM (Time) on 4/30/2025 (Date).

DESCRIPTION OF WORK

Location	Project Length
Oakland Avenue - Ludwig Avenue to Pasadena Avenue	2,010 ft

Proposed Improvement

Water main and service installation; Pavement removal and restoration; Driveway, sidewalk, curb & gutter removal and replacement; landscape restoration (sodding); Alternate work for side street milling and resurfacing.

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

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 10/3/2025 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

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

SIGNATURES

(If an individual)

Signature of Bidder | 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

RETURN WITH BID

Illinois Department of Transportation

Local Public Agency
Proposal Bid Bond

Print With Instructions | 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 5% 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 _____ of _____
Day 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	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 of _____ .
Day Month and Year

Notary Public Signature

(SEAL)

Date commission expires _____

RETURN WITH BID

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

RETURN WITH BID

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, Rotomil						$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

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	9	$	$
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	360	$	$
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,080	$	$
28000510	INLET FILTERS	EACH	23	$	$
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	360	$	$
35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	625	$	$
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1,405	$	$
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,828	$	$
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	30	$	$
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	6	$	$
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	400	$	$
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	605	$	$
42400800	DETECTABLE WARNINGS	SQ FT	100	$	$
44000100	PAVEMENT REMOVAL	SQ YD	1,714	$	$
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	6,529	$	$
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	1,671	$	$
50100100	STRUCTURES TO BE REMOVED	EACH	1	$	$
55100500	STORM SEWER REMOVAL 12"	FOOT	38	$	$
55100700	STORM SEWER REMOVAL 15"	FOOT	44	$	$
55101100	STORM SEWER REMOVAL 21"	FOOT	129	$	$
56103000	DUCTILE IRON WATER MAIN, 6"	FOOT	201	$	$
56103100	DUCTILE IRON WATER MAIN, 8"	FOOT	2,211	$	$
56105000	WATER VALVES, 8"	EACH	9	$	$
56400500	FIRE HYDRANT TO BE REMOVED	EACH	2	$	$
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	6	$	$
56500800	DOMESTIC WATER SERVICE BOX	EACH	47	$	$
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	$	$
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	$	$
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	$	$
60500405	FILLING VALVE VAULTS	EACH	1	$	$
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	100	$	$

78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	450	$	$
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	304	$	$
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	167	$	$
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	38	$	$
550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	44	$	$
550A2550	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 21"	FOOT	168	$	$
X0324878	SANITARY SEWER SERVICE ADJUSTMENT	FOOT	75	$	$
X1200221	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE)	EACH	6	$	$
X2080250	TRENCH BACKFILL, SPECIAL	CU YD	5,778	$	$
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	175	$	$
X5610656	WATER MAIN TO BE ABANDONED, 6"	FOOT	2,020	$	$
X5610706	WATER MAIN REMOVAL, 6"	FOOT	100	$	$
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	6	$	$
X6026622	VALVE VAULTS TO BE REMOVED	EACH	1	$	$
X6026632	VALVE BOXES TO BE REMOVED	EACH	2	$	$
X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L SUM	1	$	$
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	$	$
Z0018400	STORM STRUCTURES TO BE ADJUSTED	EACH	14	$	$
	PARKWAY RESTORATION - SODDING	SQ YD	1,948	$	$
	PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	SQ YD	702	$	$
	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	FOOT	2,351	$	$
	INSERTION VALVES, 8"	EACH	1	$	$
	WATER SERVICE LINE, 1" (SHORT)	EACH	26	$	$
	WATER SERVICE LINE, 1" (LONG)	EACH	26	$	$
	CASH ALLOWANCE	UNITS	25,000	$	$
	SUMP LINE	FOOT	240	$	$
	TEMPORARY ACCESS	EACH	43	$	$
	FRAME AND LID TO BE ADJUSTED (SPECIAL)	EACH	1	$	$
	WATER MAIN CASING SLEEVE	FOOT	20	$	$
	PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)	SQ FT	4,784	$	$
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	1	$	$
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	255	$	$
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	760	$	$
28000510	INLET FILTERS	EACH	26	$	$
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	255	$	$
35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	8	$	$
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	18	$	$
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,209	$	$
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	156	$	$
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	1	$	$
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	430	$	$
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	649	$	$
42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	0	$	$
42400800	DETECTABLE WARNINGS	SQ FT	50	$	$
44000100	PAVEMENT REMOVAL	SQ YD	768	$	$
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	7,575	$	$
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	763	$	$
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	140	$	$
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	128	$	$
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	7	$	$
Z0018400	STORM STRUCTURES TO BE ADJUSTED	EACH	1	$	$
	PARKWAY RESTORATION - SODDING	SQ YD	269	$	$
	PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	SQ YD	247	$	$
	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	FOOT	1,165	$	$
	CASH ALLOWANCE	UNITS	0	$	$
	TEMPORARY ACCESS	EACH	5	$	$
	FRAME AND LID TO BE ADJUSTED (SPECIAL)	EACH	11	$	$
	PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)	SQ FT	1,449	$	$
	BRICK PAVER REMOVAL AND REINSTALLATION, SPECIAL	SQ FT	54	$	$
TOTAL					$

Subcontractor Form

Contractor Name	Conractor Contact Information	Work Performed

Prime Contractor: _____

TABLE OF CONTENTS

State of Illinois 10
Department of Transportation 10
Bureau of Local Roads and Streets 10
SPECIAL PROVISION 10
Procedures for Implementation of 24 CFR 85.36 (Minority Business Enterprise/Women's Business Enterprise) 20
Determination of Compliance 20
Certification of Bidder Regarding Equal Employment Opportunity 22
Certification of Bidder Regarding Section 3 And Segregated Facilities 23
Section 3 Plan 24
CONTRACTOR 24
U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT 29
Certification by Proposed Subcontractor Regarding Equal Employment Opportunity 29
U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT 30
Certification Of Subcontractor Regarding Section 3 30
And Segregated Facilities 30
U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT 31
Contractor's Certification Concerning Labor Standards and Prevailing Wage Requirements 31
Clarification of Wage Rates 33
GENERAL PROVISIONS 35
SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK 35
PREVAILING WAGES 35
CERTIFIED PAYROLL REQUIREMENTS 35
CONTRACTING WITH SMALL AND MINORITY FIRMS, WOMEN'S BUSINESS ENTERPRISE, AND LABOR SURPLUS AREA FIRMS 36
PRIVATE PROPERTY ACCESS 36
VIDEO OF CONSTRUCTION ROUTE 36
MOBILIZATION & DEMOBILIZATION 37
MAINTENANCE OF EXISTING UTILITIES 37
VANDALISM 38
CONSTRUCTION AND DEMOLITION DEBRIS 38
MAINTENANCE OF ROADWAYS 38
PROTECTION OF EXISTING WATER MAINS 39
STREET CLEANING 39

DUST CONTROL 39
CONSTRUCTION SITE INSPECTION, STREET SWEEPING AND CONCRETE WASHOUTS 39
STOCKPILE AND SPOILS PROTECTION 40
SIGN RELOCATE 40
CONTRACTOR'S GENERAL WARRANTY AND GUARANTEE 40
PUBLIC CONVENIENCE AND SAFETY 41
WATER SUPPLY AND USAGE 41
MATERIAL TESTING 41
MATERIAL SUBMITTALS 42
TEMPORARY WATER SHUTDOWNS 42
INDIVIDUAL UTILITY PERMIT BOND AND UTILITY PERMIT 42
SODDING-NURSERY-SUPPLEMENTAL WATERING 42
SPECIAL PROVISIONS 43
CLARIFICATION OF CONTRACT DOCUMENTS 43
CONTRACT TIME 43
PAVEMENT REMOVAL 43
DUCTILE IRON WATER MAIN 43
DUCTILE IRON WATER MAIN, THEODORE STREET 45
PRESSURE TESTING OF WATER MAINS 46
DISINFECTION OF WATER MAINS 47
WATER MAIN FITTINGS 48
ABANDON EXISTING WATER MAIN 48
WATER MAIN REMOVAL 48
EXISTING SEWER REMOVAL 49
WATER VALVES, of the diameter specified 49
FIRE HYDRANT TO BE REMOVED 50
FIRE HYDRANT WITH AUXILIARY VALVE & VALVE BOX 50
VALVE VAULTS, TYPE A, 5' DIA, TYPE 1 FRAME, CLOSED LID 51
EXPLORATION TRENCH, SPECIAL 52
AGGREGATE SUBGRADE IMPROVEMENT (SPECIAL) 52
TEMPORARY ACCESS 53
CONSTRUCTION LAYOUT 53
CASH ALLOWANCE 55
CATCH BASIN, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID 55
CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID 56
COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL) 56
CONNECTION TO EXISTING WATER MAINS (NON-PRESSURE) 57

WATER MAIN CASING SLEEVE 58
DOMESTIC WATER SERVICE BOX 58
DOMESTIC WATER SERVICE BOX REMOVAL 58
DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT 59
BRICK PAVER REMOVAL & REINSTALLATION, SPECIAL 59
INSERTION VALVE, of the specified diameter 60
PARKWAY RESTORATION - SODDING 60
PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL) 61
DETECTABLE WARNINGS 62
SANITARY MANHOLES TO BE ADJUSTED 62
FRAME AND LID TO BE ADJUSTED (SPECIAL) 64
SANITARY SEWER SERVICE ADJUSTMENT 64
STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 65
STORM STRUCTURES TO BE ADJUSTED 66
VALVE BOXES TO BE REMOVED 66
VALVE VAULTS TO BE REMOVED 66
STRUCTURES TO BE REMOVED 67
SUMP LINE 67
TRAFFIC CONTROL & PROTECTION (SPECIAL) 68
DETOUR SIGNAGE 69
TRAFFIC CONTROL DEFICIENCY DEDUCTION 69
TRENCH BACKFILL, SPECIAL 69
WATER SERVICE LINE, 1” (LONG) 70
WATER SERVICE LINE, 1” (SHORT) 70
CORPORATION STOPS 71
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES 71
GROUND TIRE RUBBER (GTR) MODIFIED ASPHALT BINDER (D-1) 75
RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (D-1) 84

LR107-4 SPECIAL PROVISION FOR INSURANCE

WILL COUNTY PREVAILING WAGE RATES

APPENDIX A: CITY OF CREST HILL DIVISION 100 – GENERAL REQUIREMENTS AND COVENANTS

APPENDIX B: RESULTS OF GEOTECHNICAL INVESTIGATION AND CCDD ANALYSIS

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:

_____

_____

_____

_____

_____

_____

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 3/3/2025

						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		50.15	51.15	1.5	1.5	2.0	2.0	17.71	16.92	0.00	0.91		0.00	0.00
ASBESTOS ABT-MEC	All	BLD		41.27	44.57	1.5	1.5	2.0	2.0	15.84	16.02	0.00	0.90		3.11	6.21
BOILERMAKER	All	BLD		55.76	60.77	2.0	2.0	2.0	2.0	6.97	26.44	0.00	3.34	1.95	0.00	38.26
BRICK MASON	All	BLD		52.06	57.27	1.5	1.5	2.0	2.0	12.70	24.54	0.00	1.24	0.00	3.99	7.98
CARPENTER	All	ALL		55.11	60.62	2.0	2.0	2.0	2.0	12.89	30.48	0.70	0.93	0.00	0.00	0.00
CEMENT MASON	All	ALL		47.70	49.70	2.0	1.5	2.0	2.0	12.70	32.80	0.00	0.80	0.00	0.00	0.00
CERAMIC TILE FINISHER	All	BLD		47.09	47.09	1.5	1.5	2.0	2.0	13.00	16.82	0.00	1.09	0.00	5.17	10.34
CERAMIC TILE LAYER	All	BLD		54.84	59.84	1.5	1.5	2.0	2.0	13.00	20.68	0.00	1.17	0.00	7.15	14.30
COMMUNICATION TECHNICIAN	All	BLD		44.00	48.40	1.5	1.5	2.0	2.0	17.19	17.60	0.00	0.75	2.37	0.00	0.00
ELECTRIC PWR EQMT OP	All	ALL		62.10	68.14	1.5	1.5	2.0	2.0	13.08	20.88	0.00	3.32	0.00	18.64	37.28
ELECTRIC PWR GRNDMAN	All	ALL		48.44	68.14	1.5	1.5	2.0	2.0	10.20	16.29	0.00	2.60	0.00	14.55	29.09
ELECTRIC PWR LINEMAN	All	ALL		62.10	68.14	1.5	1.5	2.0	2.0	13.08	20.88	0.00	3.32	0.00	18.64	37.28
ELECTRICIAN	All	BLD		54.00	58.86	1.5	1.5	2.0	2.0	17.74	22.27	0.00	1.35	5.00	0.00	0.00
ELEVATOR CONSTRUCTOR	All	BLD		67.84	76.32	2.0	2.0	2.0	2.0	16.18	20.96	5.42	0.75		0.00	0.00
GLAZIER	All	BLD		51.55	53.05	1.5	2.0	2.0	2.0	15.64	26.18	0.00	2.27	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		55.02	58.32	1.5	1.5	2.0	2.0	15.84	19.01	0.00	0.90		4.60	9.20
IRON WORKER	All	ALL		50.50	55.55	2.0	2.0	2.0	2.0	14.06	30.21	0.00	1.00		0.00	0.00
LABORER	All	ALL		50.15	50.90	1.5	1.5	2.0	2.0	17.71	16.92	0.00	0.91		0.00	0.00
LATHER	All	ALL		55.11	60.62	2.0	2.0	2.0	2.0	12.89	30.48	0.70	0.93	0.00	0.00	0.00
MACHINIST	All	BLD		58.39	62.39	1.5	1.5	2.0	2.0	9.93	8.95	1.85	1.47		0.00	0.00
MARBLE FINISHER	All	ALL		39.50	53.55	1.5	1.5	2.0	2.0	12.70	22.32	0.00	0.73	0.00	2.88	5.76
MARBLE SETTER	All	BLD		51.00	56.10	1.5	1.5	2.0	2.0	12.70	24.01	0.00	0.92	0.00	3.73	7.45
MATERIAL TESTER I	All	ALL		40.15		1.5	1.5	2.0	2.0	17.71	16.92	0.00	0.91		0.00	0.00
MATERIALS TESTER II	All	ALL		45.15		1.5	1.5	2.0	2.0	17.71	16.92	0.00	0.91		0.00	0.00
MILLWRIGHT	All	ALL		55.11	60.62	2.0	2.0	2.0	2.0	12.89	30.48	0.70	0.93	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	1	60.80	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00

Will County Prevailing Wage Rates posted on 3/3/2025

OPERATING ENGINEER	All	BLD	2	59.50	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	3	56.95	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	4	55.20	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	5	64.55	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	6	61.80	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	7	63.80	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	1	69.35	69.35	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	2	67.85	69.35	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	3	63.35	69.35	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	4	58.85	69.35	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	5	70.85	69.35	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	6	58.85	69.35	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	1	59.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	2	58.45	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	3	56.40	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	4	55.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	5	53.80	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	6	62.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	7	60.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
PAINTER	All	ALL		53.05	59.68	1.5	1.5	1.5	2.0	15.76	16.19	0.00	1.86	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		46.76	52.53	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		55.11	60.62	2.0	2.0	2.0	2.0	12.89	30.48	0.70	0.93	0.00	0.00	0.00
PIPEFITTER	All	BLD		57.00	60.00	1.5	1.5	2.0	2.0	13.65	22.85	0.00	3.12	0.00	0.00	0.00
PLASTERER	All	BLD		50.00	53.00	1.5	1.5	2.0	2.0	17.81	21.22	0.00	1.15		0.00	0.00
PLUMBER	All	BLD		58.55	62.05	1.5	1.5	2.0	2.0	17.75	17.74	0.00	1.83		0.00	0.00
ROOFER	All	BLD		50.25	55.25	1.5	1.5	2.0	2.0	11.98	17.34	0.00	1.11	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		56.35	60.86	1.5	1.5	2.0	2.0	15.41	19.83	0.00	1.79	2.62	0.00	0.00
SPRINKLER FITTER	All	BLD		60.00	62.75	1.5	1.5	2.0	2.0	14.95	19.40	0.00	1.10	0.00	0.00	0.00
STONE MASON	All	BLD		52.06	57.27	1.5	1.5	2.0	2.0	12.70	24.54	0.00	1.24	0.00	3.99	7.98
SURVEY WORKER	All	BLD		56.50	57.50	1.5	1.5	2.0	2.0	17.75	14.15	0.00	1.49		0.00	0.00

Will County Prevailing Wage Rates posted on 3/3/2025

SURVEY WORKER	All	HWY		56.50	57.50	1.5	1.5	2.0	2.0	17.75	14.15	0.00	1.49		0.00	0.00
TERRAZZO FINISHER	All	BLD		48.94	48.94	1.5	1.5	2.0	2.0	13.00	18.42	0.00	1.11	0.00	4.22	8.44
TERRAZZO MECHANIC	All	BLD		52.85	56.35	1.5	1.5	2.0	2.0	13.00	19.81	0.00	1.15	0.00	4.47	8.94
TRAFFIC SAFETY WORKER I	All	HWY		42.10	43.70	1.5	1.5	2.0	2.0	11.11	9.81	0.00	1.05	0.00	0.00	0.00
TRAFFIC SAFETY WORKER II	ALL	HWY		43.10	44.70	1.5	1.5	2.0	2.0	11.11	9.81	0.00	1.05	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	1	45.10		1.5	1.5	2.0	2.0	11.65	13.76	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	2	45.25		1.5	1.5	2.0	2.0	11.65	13.76	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	3	45.45		1.5	1.5	2.0	2.0	11.65	13.76	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	45.65		1.5	1.5	2.0	2.0	11.65	13.76	0.00	0.25	0.00	0.00	0.00
TUCKPOINTER	All	BLD		51.53	52.53	1.5	1.5	2.0	2.0	10.05	22.66	0.00	1.15	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.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including

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.

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.

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.

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

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".

Procedures for Implementation of 24 CFR 85.36
(Minority Business Enterprise/Women's
Business Enterprise)

Each bidder must fully comply with the requirements, terms, and conditions of the Federal policy to make a good faith effort to award a fair share of contracts to minority and women's businesses. The bidder commits itself to taking actions contained herein, prior to submission of bids or proposals.

1. When feasible, segmenting total work requirements to permit maximum MBE/WBE Participation:

2. Assuring that MBEs and WBEs are solicited. This activity shall include:
   a. Sending letters and making other personal contacts with MBEs/WBEs as well as local, state, Federal, and private agencies and MBE/WBE associations relevant to the project. MBEs/WBEs and aforesaid entities shall be contacted when other potential subcontractors are contacted. Those letters or other contacts should communicate the following:

      i. A copy of the advertisement for bids and a complete copy of the bid package or;
      ii. A letter containing specific description of the work to be contracted and/or subcontracted;
         a. How and where to obtain a copy of plans and specifications or other detailed information needed to prepare a detailed price quotation;
         b. Date quotation is due to the bidder;
         c. Name, address, and phone number of the person in the bidder's firm whom the prospective MBE/WBE contractor/subcontractor should contact for additional information.

Determination of Compliance

It is to be noted that bidders must demonstrate compliance with MBE/WBE requirements to be deemed responsible. Demonstration of compliance shall include, but is not limited to, the following information:

1. Copies of cover letters sent to MBE and WBE organizations, agencies, and associates which serve MBE/WBEs, including names of organizations, agencies, and associations, and date of contact.

If documentation of this OUTREACH PLAN is not provided prior to construction BY THE CONTRACTOR to the OWNER, the Owner reserves the right to cancel this contract.

Project OWNER and CONTRACTOR shall be copied on all W-MBE outreach correspondence BY SUBCONTRACTOR:

A copy of the bid package, publication, and a cover letter stating the municipality's intent to encourage Minority and Women Owned Business Enterprises to submit a proposal shall be sent to the following agencies:

a. Illinois Department of Commerce and Economic Opportunity
Attn: Vanessa Uribe, Deputy Director
Office of Minority Economic Empowerment
500 E. Monroe St
Springfield, IL 62701
Vanessa.Uribe@illinois.gov

b. Les Cheney, Executive Director
Contractors Association of Will and Grundy
Counties 233 N. Springfield Ave
Joliet, IL 60435
info@CAWGC.org

c. Ammar Rizki, Chief Financial Officer
Bureau of Finance – W-MBE Outreach and
Solicitation 118 N. Clark Street Room 1020
Chicago, Illinois 60602
Telephone: (312)603-5502
Fax: (312) 603-4547

d. Indiana, Illinois, Iowa Foundation for Fair Contracting
Attn: Lydia Simrayh
6170 Joliet Rd, Suite 200
Countryside, IL 60525
lsimrayh@iiiffc.org

Certification of Bidder Regarding Equal Employment Opportunity

---

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 (30 F R 12319-25). The implementing rules and regulations provide that any bidder or prospective contractor, or any of their proposed subcontractors shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION OF BIDDER

Name and address of Bidder (include zip code)

---

1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.

( ) YES ( ) NO

---

2. Compliance reports were required to be filed in connection with such contract or subcontract.

( ) YES ( ) NO

---

3. Bidder has filed all compliance reports due under applicable instructions, including SF.100 which can be found here: http://www.eeoc.gov/employers/eeo1survey/index.cfm.

( ) YES ( ) NO ( ) NOT REQUIRED

---

4. Have you ever seen or are you being considered for sanction due to violation of Executive Order 11246, as amended?

( ) YES ( ) NO

NAME AND TITLE OF SIGNER (Please type.)

SIGNATURE DATE

Certification of Bidder Regarding Section 3 And Segregated Facilities

Project Name: _____

Project No.: _____

Name of Prime Contractor: _____

The undersigned hereby certifies that:

a. Section 3 provisions are included in the Contract

b. A written Section 3 plan was prepared and submitted as part of the bid proceedings (if bid equals or exceeds $200,000.00).

c. No segregated facilities will be maintained.

_____
Name and Title of Signer (Print or Type)

_____ _____
Signature Date

ALL WRITTEN SECTION 3 PLANS ARE REQUIRED AT THE TIME OF BID SUBMITTAL!

Section 3 Plan

CONTRACTOR

You may work from this example, however, an individualized plan is required.

Section 3 Goals: Section 3 is a provision of the Housing and Urban Development (HUD) Act of 1968 that helps foster local economic development, neighborhood economic improvement, and individual self-sufficiency.

The Section 3 program requires recipients of certain HUD financial assistance to provide job training, employment, and contracting, to the greatest extent feasible, for low- or very low-income residents in connection with projects and activities in their neighborhoods. Section 3 is race and gender-neutral and is NOT the same as WBE/MBE.

Contracts over $200,000 trigger Section 3. When triggered, best efforts must be made to extend Section 3 opportunities to verified Section 3 residents and business concerns to meet these *minimum* numeric goals:

1. Twenty-five percent (25%) of the total hours on a Section 3 project must be worked by Section 3 workers; and
2. Five percent (5%) of the total hours on a Section 3 project must be worked by Targeted Section 3 workers.

_____ agrees to implement the following specific affirmative action steps directed at increasing the utilization of lower income residents and businesses within the_____.

Contractors and/or Subcontractors are expected to meet the minimum goals listed above, to the greatest extent feasible. (Note: Section 3 may not be required for all projects, but best efforts to comply with the minimum numerical goals are still highly recommended.) All efforts to utilize Section 3 businesses and workers should be documented, and this Section 3 Project Plan should be submitted for all relevant project bids.

A. To ascertain from the locality's CDBG program official the exact boundaries of the Section 3 covered project area and where advantageous, seek the assistance of local officials in preparing and implementing the affirmative action plan.

B. Preference for Contracting with Section 3 Business Concerns:
Will County Land Use Department is required by HUD Regulation 24 CFR Part 75 to make best efforts to contract with businesses that direct economic opportunities to Section 3 workers. As part of its qualitative efforts, Will County Land Use has elected to institute a preference which stipulates that contract award shall be given to the bidder using the highest number of qualified Section 3 subcontractors and/or workers if the bid is reasonable and no more than ten percent (10%) higher than the lowest responsive bid from

any qualified source. This benefit applies to ALL projects, even if Section 3 is not triggered.

C. To maintain a list of all lower income residents who have applied either on their own or on referral from any source, and to employ such persons, if otherwise eligible and if a vacancy exists.

D. * To insert this Section 3 plan in all bid documents, and to require all bidders on subcontracts to submit a Section 3 Affirmative Action Plan including utilization goals and the specific steps planned to accomplish these goals prior to construction.

E. * To insure that contracts which are typically let on a negotiated rather than a bid basis in areas other than Section 3 covered project areas are also let on a negotiated basis, whenever feasible, when let in a Section 3 covered project area.

F. To formally contract unions, subcontractors and trade associations to secure their cooperation for this project.

G. To insure that all appropriate project area business concerns are notified of pending subcontractual opportunities.

H. To maintain records, including copies of correspondence, memoranda, etc., which document that all of the above affirmative action steps have been taken and be willing to provide all documents to Will County Section 3 Program Manager, Erin Bertocchi.

I. To appoint or recruit an executive official of the company or agency as Equal Opportunity Officer to coordinate the implementation of this Section 3 plan.

*Loans, grants, contracts and subsides for less than $10,000.00 will be exempt.

J. To list on Table A, information related to subcontracts to be awarded.

K. To list on Table B, all projected workforce needs for all phases of this project by occupation, trade, skill level and number of positions.

As officers and representative of _____

(Name of Contractor)

We, the undersigned, have read and fully agree to this Affirmative Action Plan, and become a party to the full implementation of this program.

_____
Signature

_____ _____
Title Date

_____
Signature

_____ _____
Title Date

Project OWNER shall be copied on all Section 3 outreach correspondence CONTRACTOR:

1) Section 3 residents and Section 3 businesses to submit a proposal for the employment, contracting, and training opportunities shall be sent to the following agencies:

   a. Erin Bertocchi, Section 3 Program Manager
   Will County Land Use
   58 E. Clinton Street
   Joliet IL 60432
   ebertocchi@willcountylanduse.com

   b. Joliet Junior College
   Entrepreneur and Business Center
   https://jjc.edu/jjc-entrepreneur-business-center-getting-started

   c. Post bid/project information to the HUD Opportunity Portal
   https://hudapps.hud.gov/OpportunityPortal

Proposed Subcontracts Breakdown

TABLE A

FOR THE PERIOD COVERING_____20____THROUGH_____20 ___

(Duration of CDBG-Assisted Project)

Column 1	Column 2	Column 3	Column 4	Column 5
Type of Contract (Business or Profession)	Total Number of Contracts	Total Approximate Dollar Amount	Estimated Number of Contracts to Project Area Businesses*	Estimated Dollar Amount to Project Area Businesses*

*The Project Area is coextensive with the_____, Will County, Illinois Boundaries.

_____

Company

_____ _____

Project Name Project Number

_____ _____

EEO Officer (Signature) Date

TABLE B-- ESTMATED PROJECT WORKFORCE BREAKDOWN

Column 1	Column 2	Column 3	Column 4
Job Category	Total Estimated Positions	No. Positions Currently Occupied by Permanent Employees	No. Positions Not Currently Occupied
Officers/ Supervisors			
Professionals			
Technicians			
Housing Sales / Rental Management			
Office Clerical			
Service Workers			
Others			

TRADE:

Journeymen			
Helpers			
Apprentices			
Maximum No. of Trainees			
Others			

TRADE:

Journeymen			
Helpers			
Apprentices			
Maximum No. of Trainees			
Others			

TRADE:

Journeymen			
Helpers			
Apprentices			
Maximum No. of Trainees			
Others			
Total			

* Lower Income Project Area Residents. Individuals residing within the County of Will , whose family income does not exceed 90% of the median income in the SMSA.

_____

COMPANY

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

Certification by Proposed Subcontractor Regarding Equal Employment Opportunity

---

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 (30 F R 12319-25). The implementing rules and regulations provide that any bidder or prospective contractor, or any of their proposed subcontractors shall state as an initial part of the bid or negotiations of the contract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such subcontractor shall be required to submit a compliance report before the owner approves the subcontract or permits work to begin under the subcontract.

SUBCONTRACTOR'S CERTIFICATION

Name and address of SUBCONTRACTOR (include zip code)

---

5. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.

( ) YES ( ) NO

---

6. Compliance reports were required to be filed in connection with such contract or subcontract.

( ) YES ( ) NO

---

7. Bidder has filed all compliance reports due under applicable instructions, including SF.100 which can be found here: http://www.eeoc.gov/employers/eeo1survey/index.cfm.

( ) YES ( ) NO ( ) NOT REQUIRED

---

8. Have you ever seen or are you being considered for sanction due to violation of Executive Order 11246, as amended?

( ) YES ( ) NO

NAME AND TITLE OF SIGNER (Please type.)

SIGNATURE DATE

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

Certification Of Subcontractor Regarding Section 3 And Segregated Facilities

Project Name: _____

Project No.: _____

Name of Subcontractor: _____

The undersigned hereby certifies that:

d. Section 3 provisions are included in the Contract

e. A written Section 3 plan was prepared and submitted as part of the bid proceedings (if bid equals or exceeds $200,000.00).

f. No segregated facilities will be maintained.

_____

Name and Title of Signer (Print or Type)

_____ _____

Signature Date

ALL WRITTEN SECTION 3 PLANS ARE REQUIRED. Prior to subcontract award, a subcontractor's Section 3 Plan is required by the Owner and subject to review by the Owner.

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

Contractor's Certification Concerning Labor Standards and Prevailing Wage Requirements

---

TO Date

C/O Will County Land Use Department, Community Development Division
Project Number & Name: Proposed Watermain Plan Oakland Ave City of Crest Hill
Martha M. Sojka, Community Development Director

---

1. The undersigned, having executed a contact with: _____
(Name of Contractor)
for the construction of the above-identified project, acknowledges that:
   a. The Labor Standards provisions are included in the aforesaid contract;
   b. Correction of any infractions of the aforesaid conditions, including infractions by any of his sub-contractors and any lower tier subcontractors, is his responsibility.

---

2. He certifies that:

---

   a. Neither he nor any firm, corporation, partnership or association in which he had substantial interest is designated as an ineligible contractor by the Comptroller General of the United States pursuant to Section 5.6(a) of the Regulations of the Secretary of Labor, Part 5 (CFR, Part 5) or pursuant to Section 3(a) of the Davis-Bacon and Labor Standards Act, a amended [40 U.S.C. 276- 2(e)].

   b. No part of the aforementioned contract has been or will be subordinated to any subcontractor if such sub-contractor or any firm, corporation, partnership or association in which such subcontractor has a substantial interest is designated as an ineligible contractor pursuant to any of the aforementioned regulatory or statutory provisions.

---

3. He agrees to obtain and forward to the aforementioned recipient within ten days after the execution of any subcontract, including those executed by his subcontractors and any lower tier subcontractors, a Subcontractor's Certification Concerning Labor Standards and Prevailing Wage Requirements secured by the subcontractors.

He certifies that:

---

   a. The legal name and the business address of the undersigned are:

   b. The undersigned is:
      1. A Single Proprietorship _____
      2. A Partnership _____
      3. A corporation organized in the State of
      4. Other organization (describe) _____

c. The names, titles, and address of the owner, partners, or officer of the undersigned are:

Name	Title	Address

d. The names and addresses of all other persons, both natural and corporate, having a substantial interest in the undersigned, and the nature of the interest are (if none, so state):

Name	Address	Nature of Interest

e. The names, addresses and trade classifications of all other building construction contractors in which the undersigned has a substantial interest are (if none, so state):

Name	Address	Trade Classification

_____ _____

Contractor (Name & Address) Date

By: _____

WARNING

U.S. Criminal Code, Section 1010, Title 18 U.S.C., provides in part, "Whoever,…makes, processes, or publishes any statement knowing the same to be false…shall be fined not more than $5,000 or imprisoned not more than two years or both."

Clarification of Wage Rates

This project is a HUD funded project and therefore subject to both Davis Bacon and Labor Standard wage rates and Illinois Prevailing Wage Act rates for Will County (Illinois) wage rates. (Federally funded projects are required to follow local labor requirements and federal labor requirements for both Contractors and all Subcontractors). In order to accomplish this, contractors are required to pay the higher base rate/fringe.

For example: If the Davis Bacon Wage decision rate is higher for Laborers, a contractor is required to pay that base rate/fringe. If the Davis-Bacon rate for Carpenters is higher base rate/fringe, a contractor is required to pay that base rate/fringe.

Please be advised: Within a single project, both wage rates need to be carefully examined . It is possible that within a single project, a base rate/fringe for one classification might be higher in Illinois Wage Rates and a base rate/fringe for a different classification might be higher in Davis Bacon.

Further Clarification:

The Office of Davis-Bacon and Labor Standards (Federal) Wage Decision Rates for Will County, Illinois
Please note that the Davis-Bacon Federal Wage Decisions are subject to change every Friday. The Davis-Bacon decision (link: http://www.gpo.gov/davisbacon/il.html) in effect on the date of bid opening is the wage decision in effect for this project, however; if more than 90 days transpire between the bid opening and construction contract award/signature date; or Project wage determinations initially issued shall be effective for 180 calendar days from the date of such determinations (e.g., if such a wage determination is not used in the period of its effectiveness, it is void). Should there be any need to update the above federal wage determinations, the wage decision will need to be updated with an addendum to this signed contract/agreement. CFR Title 29 Chapter 1 Part 1.6.

Illinois Wage Rates for Will County, Illinois
This contract is subject to the Illinois Prevailing Wage Act, 820 ILCS 130/.01. The Act requires contractors and subcontractors to pay employees performing services no less than the current "prevailing rate of wages" (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. Illinois Wage Rates are updated monthly. Each payroll is subject to the month of the Illinois Prevailing Wage wherein the work was performed. Prevailing wage rates are posted at http://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx .

For example: If a contractor submits payroll performed in February and March, the wage rate in effect for February will be applied to the February payroll and likewise for March payrolls.

IMPORTANT: Until certified payrolls are submitted and accepted, an application for payment will not be processed and shall be delayed. This special provision waives the 60 day period in (30 ILCS 540/) State Prompt Payment Act for instances where the Contractor has not submitted acceptable certified payrolls, since not having acceptable certified payrolls means that a proper bill or invoice has not been submitted by the Contractor.

Should you have any questions contact Brigette Roehr, CDBG Program Manager at 815-774-3372.

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 July 2014. 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 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 Oak Brook, IL 60523 630-779-4722	Phone	No conflicts
Comcast	Martha Gieras	688 Industrial Drive Elmhurst, IL 60126 224-229-5862	Cable	N/A
ComEd	Rick Oster	2 Lincoln Center Oakbrook Terrace, IL 60181 779-231-0625	Electric	Pole bracing as needed
Nicor	Anna Tran	1844 Ferry Road Naperville, IL 60563 224-239-7693	Gas	Nicor to relocate. Plans out for bidding. Reference #SC23360
City of Crest Hill	Blaine Kline	2090 Oakland Avenue Crest Hill, IL 60403 815-741-7108 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 East Treatment Plant, located at 2250 Broadway Street, Crest Hill, Illinois.

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 work and pavement patching by November 10, 2025. All milling and resurfacing and concrete work to be completed by May 22, 2026. 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)."

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.

EXISTING SEWER REMOVAL

Description. This work shall consist of the removal of existing sewers that are in direct conflict with the proposed improvements.

Existing sewers shall be removed only as directed by the ENGINEER. Excavated pipe material shall be disposed of by the CONTRACTOR in accordance with Article 202.03 of the STANDARD SPECIFICATIONS.

The ends of the existing sewers shall be plugged with a minimum of two (2) feet of non-shrink concrete/mortar plugs to the satisfaction of the ENGINEER.

Trenches resulting from the removal of sewers 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 EXISTING SEWER 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 <u>END CONNECTIONS.</u> Revise the Article to read as follows:

"End connections of gate valves shall be restrained mechanical joints as specified elsewhere herein.

42-10 <u>INSTALLATION OF GATE VALVES.</u> 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 either East Jordan # 5BR250 or Clow Medallion, "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 or Clow Medallion, "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.

BRICK PAVER REMOVAL & REINSTALLATION, SPECIAL

Description: This work shall conform to IDOT Bureau of Local Roads and Streets Recurring Special Provision #LRS14, Paving Brick and Concrete Paver Pavements and Sidewalks with the following exceptions: This item is for the restoration of paving brick driveways following the removal and replacement of adjacent pavement, concrete curb & gutter and/or concrete sidewalk.

Materials: The contractor shall make every effort to retain the existing bricks removed, in order to be reused. If required, new replacement brick shall be of the same type, size, texture, material and color as the existing driveway brick.

Construction Requirements: The driveway shall be restored, as close as possible, to original condition. The Contractor shall match the existing color, fit, pattern, grade, and compaction of the adjacent brick driveway pavement.
General procedure of work:

1. In effort to ensure that few, if any, replacement bricks will be needed to restore the driveway in areas disturbed by pavement, concrete curb or walk removal, the contractor shall remove two or three courses of brick by hand and stack prior to the removal of concrete.
2. Between 5-7 days after the new concrete placement, the base course of the driveway shall be restored
3. Immediately following base course repair, the paving bricks shall be fitted to the existing driveway to restore the original grade and appearance of the driveway.
4. Additional Polymeric sand shall be added to the brick joints and a vibratory plate-type compactor shall be used to solidify the brick pavement

Method of Measurement: BRICK PAVER REMOVAL & REINSTALLATION, SPECIAL shall be measured for payment in place and the area computed in square feet. The existing brick pavers, sand setting bed, edge restrain, or other materials shall be included as part of the repair and not a separate pay item. The Aggregate Base Course, Ty B 12" will not be paid for separately but included in the cost.

Basis of Payment: This work will be paid for at the contract unit price per SQUARE FOOT for BRICK PAVER REMOVAL & REINSTALLATION, SPECIAL.
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.

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.

FRICTION AGGREGATE (D-1)
Effective: January 1, 2011
Revised: November 1, 2019
Revise Article 1004.03(a) of the Standard Specifications to read:

"1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA). The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	Allowed Alone or in Combination [5/]: Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA Low ESAL	Stabilized Subbase or Shoulders	Allowed Alone or in Combination [5/]: Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag[1/] Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L SMA Binder	Allowed Alone or in Combination [5/ 6/]: Crushed Gravel Carbonate Crushed Stone[2/] Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete[3/]

Use	Mixture	Aggregates Allowed
HMA High ESAL Low ESAL	C Surface and Binder IL-9.5 or IL-9.5L SMA Ndesign 50 Surface	Allowed Alone or in Combination [5/]: Crushed Gravel Carbonate Crushed Stone[2/] Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag[4/] Crushed Concrete[3/]
HMA High ESAL	D Surface and Binder IL-9.5 SMA Ndesign 50 Surface	Allowed Alone or in Combination [5/]: Crushed Gravel Carbonate Crushed Stone (other than Limestone)[2/] Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag[4/] Crushed Concrete[3/]
		Other Combinations Allowed:
		Up to... / *With...* 25% Limestone / Dolomite 50% Limestone / Any Mixture D aggregate other than Dolomite 75% Limestone / Crushed Slag (ACBF) or Crushed Sandstone
HMA High ESAL	E Surface IL-9.5 SMA Ndesign 80 Surface	Allowed Alone or in Combination [5/ 6/]: Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone.
		Other Combinations Allowed:
		Up to... / *With...* 50% Dolomite[2/] / Any Mixture E aggregate 75% Dolomite[2/] / Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone 75% Crushed Gravel[2/] or Crushed Concrete[3/] / Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag
HMA High ESAL	F Surface IL-9.5 SMA Ndesign 80 Surface	Allowed Alone or in Combination [5/ 6/]: Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone.

Use	Mixture	Aggregates Allowed	
		Other Combinations Allowed:	
		Up to...	*With...*
		50% Crushed Gravel[2/], Crushed Concrete[3/], or Dolomite[2/]	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone

1/ Crushed steel slag allowed in shoulder surface only.

2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80. In SMA Ndesign 50, carbonate crushed stone shall not be blended with any of the other aggregates allowed alone in Ndesign 50 SMA binder or Ndesign 50 SMA surface.

3/ Crushed concrete will not be permitted in SMA mixes.

4/ Crushed steel slag shall not be used as leveling binder.

5/ When combinations of aggregates are used, the blend percent measurements shall be by volume."

6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80."

GROUND TIRE RUBBER (GTR) MODIFIED ASPHALT BINDER (D-1)

Effective: June 26, 2006
Revised: April 1, 2016

Add the following to the end of article 1032.05 of the Standard Specifications:

"(c) Ground Tire Rubber (GTR) Modified Asphalt Binder. A quantity of 10.0 to 14.0 percent GTR (Note 1) shall be blended by dry unit weight with a PG 64-28 to make a GTR 70-28 or a PG 58-28 to make a GTR 64-28. The base PG 64-28 and PG 58-28 asphalt binders shall meet the requirements of Article 1032.05(a). Compatible polymers may be added during production. The GTR modified asphalt binder shall meet the requirements of the following table.

Test	Asphalt Grade GTR 70-28	Asphalt Grade GTR 64-28
Flash Point (C.O.C.), AASHTO T 48, °F (°C), min.	450 (232)	450 (232)
Rotational Viscosity, AASHTO T 316 @ 275 °F (135 °C), Poises, Pa·s, max.	30 (3)	30 (3)
Softening Point, AASHTO T 53, °F (°C), min.	135 (57)	130 (54)
Elastic Recovery, ASTM D 6084, Procedure A (sieve waived) @ 77 °F, (25 °C), aged, ss, 100 mm elongation, 5 cm/min., cut immediately, %, min.	65	65

Note 1. GTR shall be produced from processing automobile and/or light truck tires by the ambient grinding method. GTR shall not exceed 1/16 in. (2 mm) in any dimension and shall contain no free metal particles or other materials. A mineral powder (such as talc) meeting the requirements of AASHTO M 17 may be added, up to a maximum of four percent by weight of GTR to reduce sticking and caking of the GTR particles. When tested in accordance with Illinois modified AASHTO T 27, *a* 50 g sample of the GTR shall conform to the following gradation requirements:

Sieve Size	Percent Passing
No. 16 (1.18 mm)	100
No. 30 (600 μm)	95 ± 5
No. 50 (300 μm)	> 20

Add the following to the end of Note 1. of article 1030.03 of the Standard Specifications:

"A dedicated storage tank for the Ground Tire Rubber (GTR) modified asphalt binder shall be provided. This tank must be capable of providing continuous mechanical mixing throughout by continuous agitation and recirculation of the asphalt binder to provide a uniform mixture. The tank shall be heated and capable of maintaining the temperature of the asphalt binder at 300 °F to 350 °F (149 °C to 177 °C). The asphalt binder metering systems of dryer drum plants shall be calibrated with the actual GTR modified asphalt binder material with an accuracy of ± 0.40 percent."

Revise 1030.02(c) of the Standard Specifications to read:

"(c) RAP Materials (Note 5) ……..….1031"

Add the following note to 1030.02 of the Standard Specifications:

Note 5. When using reclaimed asphalt pavement and/or reclaimed asphalt shingles, the maximum asphalt binder replacement percentage shall be according to the most recent special provision for recycled materials.

HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D-1)

Effective: November 1, 2019
Revised: February 1, 2020

Description. This work shall consist of constructing a hot-mix asphalt (HMA) binder and/or surface course on a prepared base. Work shall be according to Sections 406 and 1030 of the Standard Specifications, except as modified herein.

Materials. 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; 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 stone sand, slag sand, or steel slag sand meeting the FA/FM 20 gradation 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 Supplemental Specifications to read:

"(e) Absorption. For SMA the coarse aggregate shall also have water absorption

≤ 2.0 percent."

HMA Nomenclature. 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, SMA 12.5, Stabilized Subbase IL-19.0
	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5"

Revise Article 1030.02 of the Standard Specifications and Supplemental Specifications to read:

"**1030.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a)	Coarse Aggregate 1004.03
(b)	Fine Aggregate 1003.03
(c)	RAP Material 1031
(d)	Mineral Filler 1011
(e)	Hydrated Lime 1012.01
(f)	Slaked Quicklime (Note 1)
(g)	Performance Graded Asphalt Binder (Note 2) 1032
(h)	Fibers (Note 3)
(i)	Warm Mix Asphalt (WMA) Technologies (Note 4)

Note 1. Slaked quicklime shall be according to ASTM C 5.

Note 2. 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. The elastic recovery shall be a minimum of 80.

Note 3. 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 4. Warm mix additives or foaming processes shall be selected from the Department's Qualified Producer List, "Technologies for the Production of Warm Mix Asphalt (WMA)"."

Mixture Design. Revise Article 1030.04(a)(1) of the Standard Specifications and the Supplemental Specifications to read:

High ESAL, MIXTURE COMPOSITION (% PASSING) [1/]										
Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-4.75 mm	
	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
3/8 in. (9.5 mm)				65	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	90	100
#8 (2.36 mm)	20	42	16	24 [4/]	16	32 [4/]	34 [5/]	52 [2/]	70	90
#16 (1.18 mm)	15	30					10	32	50	65
#30 (600 μm)			12	16	12	18				
#50 (300 μm)	6	15					4	15	15	30
#100 (150 μm)	4	9					3	10	10	18
#200 (75 μm)	3	6	7.0	9.0 [3/]	7.5	9.5 [3/]	4	6	7	9 [3/]
#635 (20 μm)			≤ 3.0		≤ 3.0					
Ratio Dust/Asphalt Binder		1.0		1.5		1.5		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.

Revise Article 1030.04(b)(1) of the Standard Specifications to read:

"(1) High ESAL Mixtures. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 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.

VOLUMETRIC REQUIREMENTS High ESAL				
	Voids in the Mineral Aggregate (VMA), % minimum			Voids Filled with Asphalt Binder (VFA), %
Ndesign	IL-19.0; Stabilized Subbase IL-19.0	IL-9.5	IL-4.75[1/]	
50	13.5	15.0	18.5	65 – 78 [2/]
70				65 - 75
90				

1/ Maximum drain down for IL-4.75 shall be 0.3 percent.

2/ VFA for IL-4.75 shall be 72-85 percent."

Revise the table in Article 1030.04(b)(3) to read:

"VOLUMETRIC REQUIREMENTS, SMA 12.5 [1/] and SMA 9.5 [1/]			
Ndesign	Design Air Voids Target %	Voids in the Mineral Aggregate (VMA), % min.	Voids Filled with Asphalt (VFA), %
80 [4/]	3.5	17.0 [2/]	75 - 83
		16.0 [3/]	

1/ Maximum drain down shall be 0.3 percent. The drain down shall be determined at the JMF asphalt binder content at the mixing temperature plus 30 °F.

2/ Applies when specific gravity of coarse aggregate is ≥ 2.760.

3/ Applies when specific gravity of coarse aggregate is < 2.760.

4/ Blending of different types of aggregate will not be permitted.

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.

Add to the end of Article 1030.05 (d) (2) a. of the Standard Specifications:

"During production, the Contractor shall test SMA mixtures for drain down according to AASHTO T305 at a frequency of 1 per day of production."

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."

Quality Control/Quality Assurance (QC/QA). Revise the third paragraph of Article 1030.05(d)(3) 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."

Add the following paragraphs to the end of Article 1030.05(d)(3):

"Longitudinal joint density testing shall be performed at each random density test location. Longitudinal joint testing shall be located at a distance equal to the lift thickness or a minimum of 4 in. (100 mm), from

each pavement edge (i.e., for a 5 in. (125 mm) lift the near edge of the density gauge or core barrel shall be within 5 in. (125 mm) from the edge of pavement). Longitudinal joint density testing shall be performed using either a correlated nuclear gauge or cores.

a. Confined Edge. Each confined edge density shall be represented by a one-minute nuclear density reading or a core density and shall be included in the average of density readings or core densities taken across the mat which represents the Individual Test.

b. Unconfined Edge. Each unconfined edge joint density shall be represented by an average of three one-minute density readings or a single core density at the given density test location and shall meet the density requirements specified herein. The three one-minute readings shall be spaced 10 ft (3 m) apart longitudinally along the unconfined pavement edge and centered at the random density test location.

When a longitudinal joint sealant (LJS) is applied, longitudinal joint density testing will not be required on the joint(s) sealed."

Revise the second table in Article 1030.05(d)(4) and its notes to read:

"DENSITY CONTROL LIMITS			
Mixture Composition	Parameter	Individual Test (includes confined edges)	Unconfined Edge Joint Density, minimum
IL-4.75	Ndesign = 50	93.0 – 97.4 % 1/	91.0%
IL-9.5FG	Ndesign = 50 - 90	93.0 – 97.4 %	91.0%
IL-9.5	Ndesign = 90	92.0 – 96.0 %	90.0%
IL-9.5, IL-9.5L,	Ndesign < 90	92.5 – 97.4 %	90.0%
IL-19.0	Ndesign = 90	93.0 – 96.0 %	90.0%
IL-19.0, IL-19.0L	Ndesign < 90	93.0 2/ – 97.4 %	90.0%
SMA	Ndesign = 80	93.5 – 97.4 %	91.0%

1/ Density shall be determined by cores or by correlated, approved thin lift nuclear gauge.

2/ 92.0 % when placed as first lift on an unimproved subgrade."

Equipment. Add the following to Article 1101.01 of the Standard Specifications:

"(h)Oscillatory Roller. The oscillatory roller shall be self-propelled and provide a smooth operation when starting, stopping, or reversing directions. The oscillatory roller shall be able to operate in a mode that will provide tangential impact force with or without vertical impact force by using at least one drum. The oscillatory roller shall be equipped with water tanks and sprinkling devices, or other approved methods, which shall be used to wet the drums to prevent material pickup. The drum(s) amplitude and frequency of the tangential and vertical impact force shall be approximately the same in each direction and meet the following requirements:

(1) ..... The minimum diameter of the drum(s) shall be 42 in. (1070 mm);

(2) ..... The minimum length of the drum(s) shall be 57 in. (1480 mm);

(3) ..... The minimum unit static force on the drum(s) shall be 125 lb./in. (22 N/m); and

(4) .....The minimum force on the oscillatory drum shall be 18,000 lb. (80 kN)."

Construction Requirements.

Add the following to Article 406.03 of the Standard Specifications:

"(j) ..... Oscillatory Roller
..... 1101.01"

Revise the third paragraph of Article 406.05(a) to read:

"All depressions of 1 in. (25 mm) or more in the surface of the existing pavement shall be filled with binder. At locations where heavy disintegration and deep spalling exists, the area shall be cleaned of all loose and unsound material, tacked, and filled with binder (hand method)."

Revise Article 406.05(c) to read.

"(c) Binder (Hand Method). Binder placed other than with a finishing machine will be designated as binder (hand method) and shall be compacted with a roller to the satisfaction of the Engineer. Hand tamping will be permitted when approved by the Engineer."

Revise the special conditions for mixture IL-4.75 in Article 406.06(b) (2) e. to read:

"e. The mixture shall be overlaid within 5 days of being placed."

Revise Article 406.06(d) to read:

"(d) Lift Thickness. The minimum compacted lift thickness for HMA binder and surface courses shall be as follows.

MINIMUM COMPACTED LIFT THICKNESS	
Mixture Composition	Thickness, in. (mm)
IL-4.75	3/4 (19) - over HMA surfaces 1/ 1 (25) - over PCC surfaces 1/
IL-9.5FG	1 1/4 (32)
IL-9.5, IL-9.5L	1 1/2 (38)
SMA 9.5	1 3/4 (45)
SMA 12.5	2 (51)
IL-19.0, IL-19.0L	2 1/4 (57)

1/ The maximum compacted lift thickness for mixture IL-4.75 shall be 1 1/4 in. (32 mm)."

Revise Table 1 and Note 3/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

"TABLE 1 - MINIMUM ROLLER REQUIREMENTS FOR HMA				
	Breakdown Roller (one of the following)	Intermediate Roller	Final Roller (one or more of the following)	Density Requirement
Binder and Surface 1/	V_D, P 3/, T_B, 3W, O_T, O_B	P 3/, O_T, O_B	V_S, T_B, T_F, O_T	As specified in Articles: 1030.05(d)(3), (d)(4), and (d)(7).
IL-4.75 and SMA 4/ 5/	T_B, 3W, O_T	- -	T_F, 3W, O_T	
Bridge Decks 2/	T_B	- -	T_F	As specified in Articles 582.05 and 582.06.

3/ A vibratory roller (V_D) or oscillatory roller (O_T or O_B) may be used in lieu of the pneumatic-tired roller on mixtures containing polymer modified asphalt binder."

Add the following to EQUIPMENT DEFINITION in Article 406.07(a) contained in the Errata of the Supplemental Specifications:

"O_T - Oscillatory roller, tangential impact mode. Maximum speed is 3.0 mph (4.8 km/h) or 264 ft/min (80 m/min).

O_B - Oscillatory roller, tangential and vertical impact mode, operated at a speed to produce not less than 10 vertical impacts/ft (30 impacts/m)."

Delete last sentence of the second paragraph of Article 1102.01(a) (4) b. 2.

Add to the end of Article 1102.01 (a) (4) b. 2.:

"As an option, collected dust (baghouse) may be used in lieu of manufactured mineral filler according to the following:

(a.) Sufficient collected dust (baghouse) is available for production of the SMA mix for the entire project.

(b.) A mix design was prepared based on collected dust (baghouse).

Revise Article 1030.04 (d) of the Standard Specifications to read:

"(d) Verification Testing. High ESAL, IL-4.75, and SMA mix designs submitted for verification will be tested to ensure that the resulting mix designs will pass the required criteria for the Hamburg Wheel Test (IL mod AASHTO T-324) and the Tensile Strength Test (IL mod AASHTO T-283). The Department will perform a verification test on gyratory specimens compacted by the Contractor. If the mix fails the Department's verification test, the Contractor shall make the necessary changes to the mix and resubmit compacted specimens to the Department for verification. If the mix fails again, the mix design will be rejected.

All new mix designs will be required to be tested, prior to submittal for Department verification and shall meet the following requirements:

(1) Hamburg Wheel Test criteria. The maximum allowable rut depth shall be 0.5 in. (12.5 mm). The minimum number of wheel passes at the 0.5 in. (12.5 mm) rut depth criteria shall be based on the high temperature binder grade of the mix as specified in the mix requirements table of the plans.

Illinois Modified AASHTO T 324 Requirements [1/]

Asphalt Binder Grade	# Repetitions	Max Rut Depth (mm)
PG 70 -XX (or higher)	20,000	12.5
PG 64 -XX (or lower)	10,000	12.5

1/ When produced at temperatures of 275 ± 5 °F (135 ± 3 °C) or less, loose Warm Mix Asphalt shall be oven aged at 270 ± 5 °F (132 ± 3 °C) for two hours prior to gyratory compaction of Hamburg Wheel specimens.

Note: For SMA Designs (N-80) the maximum rut depth is 6.0 mm at 20,000 repetitions.

For IL 4.75mm Designs (N-50) the maximum rut depth is 9.0mm at 15,000 repetitions.

(2) Tensile Strength Criteria. The minimum allowable conditioned tensile strength shall be 60 psi (415 kPa) for non-polymer modified performance graded (PG) asphalt binder and 80 psi (550 kPa) for polymer modified PG asphalt binder. The maximum allowable unconditioned tensile strength shall be 200 psi (1380 kPa)."

Production Testing. Revise first paragraph of Article 1030.06(a) of the Standard Specifications to read:

"(a) High ESAL, IL-4.75, WMA, and SMA Mixtures. For each contract, a 300-ton (275 metric tons) test strip, except for SMA mixtures it will be 400 ton (363 metric ton), will be required at the beginning of HMA production for each mixture at the beginning of 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."

Add the following after the sixth paragraph in Article 1030.06 (a) of the Standard Specifications:

"The Hamburg Wheel test shall also be conducted on all HMA mixtures from a sample taken within the first 500 tons (450 metric tons) on the first day of production or during start up with a split reserved for the Department. The mix sample shall be tested according to the Illinois Modified AASHTO T 324 and shall meet the requirements specified herein. Mix production shall not exceed 1500 tons (1350 metric tons) or one day's production, whichever comes first, until the testing is completed and the mixture is found to be in conformance. The requirement to cease mix production may be waived if the plant produced mixture demonstrates conformance prior to start of mix production for a contract.

If the mixture fails to meet the Hamburg Wheel criteria, no further mixture will be accepted until the Contractor takes such action as is necessary to furnish a mixture meeting the criteria".

Method of Measurement:

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}."

Basis of Payment. Replace the second through the fifth paragraphs of Article 406.14 with the following:
"HMA binder and surface courses will be paid for at the contract unit price per ton (metric ton) for MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS; HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), of the Ndesign specified; HOT-MIX ASPHALT BINDER COURSE, of the mixture composition and Ndesign specified; HOT-MIX ASPHALT SURFACE COURSE, of the mixture composition, friction aggregate, and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), of the Ndesign specified; POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, of the mixture composition and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, of the mixture composition, friction aggregate, and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, of the mixture composition and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, of the mixture composition, friction aggregate, and Ndesign specified."

RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (D-1)

Effective: November 1, 2012
Revise: November 1, 2019

Revise Section 1031 of the Standard Specifications to read:
"**SECTION 1031. RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES**

1031.01 Description. Reclaimed asphalt pavement and reclaimed asphalt shingles shall be according to the following.

(a) Reclaimed Asphalt Pavement (RAP). RAP is the material resulting from cold milling or crushing an existing hot-mix asphalt (HMA) pavement. RAP will be considered processed FRAP after completion of both crushing and screening to size. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.

(b) Reclaimed Asphalt Shingles (RAS). Reclaimed asphalt shingles (RAS). RAS is from the processing and grinding of preconsumer or post-consumer shingles. RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable material, as defined in Central Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Sources", by weight of RAS. All RAS used shall come from a Central Bureau of Materials approved processing facility where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 90 percent passing the #4 (4.75 mm) sieve. RAS shall meet the testing requirements specified herein. In addition, RAS shall meet the following Type 1 or Type 2 requirements.

(1) Type 1. Type 1 RAS shall be processed, preconsumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.

(2) Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

1031.02 Stockpiles. RAP and RAS stockpiles shall be according to the following.

(a) RAP Stockpiles. The Contractor shall construct individual, sealed RAP stockpiles meeting one of the following definitions. Additional processed RAP (FRAP) shall be stockpiled in a separate working pile, as designated in the QC Plan, and only added to the sealed stockpile when test results for the working pile are complete and are found to meet tolerances specified herein for the original sealed FRAP stockpile. Stockpiles shall be sufficiently separated to prevent intermingling at the base. All stockpiles (including unprocessed RAP and FRAP) shall be identified by signs indicating the type as listed below (i.e., "Non- Quality, FRAP -#4 or Type 2 RAS", etc.…).

(1) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, HMA (High and Low ESAL) or equivalent mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. All FRAP shall be processed prior to testing and sized into fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP in the coarse fraction shall pass the maximum sieve size specified for the mixture composition of the mix design.

(2) Restricted FRAP (B quality) stockpiles shall consist of RAP from Class I, HMA (High ESAL), or HMA (High ESAL). If approved by the Engineer, the aggregate from a maximum 3.0 in. (75 mm) single combined pass of surface/binder milling will be classified as B quality. All millings from this application will be processed into FRAP as described previously.

(3) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) or equivalent mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality, but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed (FRAP) prior to testing. Conglomerate RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.

(4) Conglomerate "D" Quality (DQ). Conglomerate DQ RAP stockpiles shall consist of RAP from HMA shoulders, bituminous stabilized subbases or HMA (Low ESAL)/HMA (Low ESAL) IL-19.0L binder mixture. The coarse aggregate in this RAP may be crushed or round but shall be at least D quality. This

RAP may have an inconsistent gradation and/or asphalt binder content. Conglomerate DQ RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.

(5) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "non-quality".

RAP or FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, bituminous surface treatment (i.e., chip seal), pavement fabric, joint sealants, plant cleanout etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.

(b) RAS Stockpiles. Type 1 and Type 2 RAS shall be stockpiled separately and shall be sufficiently separated to prevent intermingling at the base. Each stockpile shall be signed indicating what type of RAS is present.

However, a RAS source may submit a written request to the Department for approval to blend mechanically a specified ratio of Type 1 RAS with Type 2 RAS. The source will not be permitted to change the ratio of the blend without the Department prior written approval. The Engineer's written approval will be required, to mechanically blend RAS with any fine aggregate produced under the AGCS, up to an equal weight of RAS, to improve workability. The fine aggregate shall be "B Quality" or better from an approved Aggregate Gradation Control System source. The fine aggregate shall be one that is approved for use in the HMA mixture and accounted for in the mix design and during HMA production.

Records identifying the shingle processing facility supplying the RAS, RAS type, and lot number shall be maintained by project contract number and kept for a minimum of three years.

1031.03 Testing. FRAP and RAS testing shall be according to the following.

(a) FRAP Testing. When used in HMA, the FRAP shall be sampled and tested either during processing or after stockpiling. It shall also be sampled during HMA production.

(1) During Stockpiling. For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 tons (1800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).

(2) Incoming Material. For testing as incoming material, washed extraction samples shall be run at a minimum frequency of one sample per 2000 tons (1800 metric tons) or once per week, whichever comes first.

(3) After Stockpiling. For testing after stockpiling, the Contractor shall submit a plan for approval to the district proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restock piling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

Before extraction, each field sample of FRAP, shall be split to obtain two samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedure. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

(b) RAS Testing. RAS shall be sampled and tested during stockpiling according to Central Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Sources". The Contractor shall also sample as incoming material at the HMA plant.

During Stockpiling. Washed extraction and testing for unacceptable materials shall be run at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1000 tons (900 metric tons) and one sample per 1000 tons (900 metric tons) thereafter. A minimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). Once a ≤ 1000 ton (900 metric ton), five-sample/test stockpile has been established it shall be sealed. Additional incoming RAS shall be in a separate working pile as designated in the Quality Control plan and only added to the sealed stockpile when the test results of the working pile are complete and are found to meet the tolerances specified herein for the original sealed RAS stockpile.

(2) Incoming Material. For testing as incoming material at the HMA plant, washed extraction shall be run at the minimum frequency of one sample per 250 tons (227 metric tons). A minimum of five samples are required for stockpiles less than 1000 tons (900 metric tons). The incoming material test results shall meet the tolerances specified herein.

The Contractor shall obtain and make available all test results from start of the initial stockpile sampled and tested at the shingle processing facility in accordance with the facility's QC Plan.

Before extraction, each field sample shall be split to obtain two samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedures. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

1031.04 Evaluation of Tests. Evaluation of test results shall be according to the following.

(a) Evaluation of FRAP Test Results. All test results shall be compiled to include asphalt binder content, gradation and, when applicable (for slag), G_{mm}. A five-test average of results from the original pile will be used in the mix designs. Individual extraction test results run thereafter, shall be compared to the average used for the mix design, and will be accepted if within the tolerances listed below.

Parameter	FRAP
No. 4 (4.75 mm)	± 6 %
No. 8 (2.36 mm)	± 5 %
No. 30 (600 µm)	± 5 %
No. 200 (75 µm)	± 2.0 %
Asphalt Binder	± 0.3 %
G_{mm}	± 0.03 1/

1/ For stockpile with slag or steel slag present as determined in the current Manual of Test Procedures Appendix B 21, "Determination of Reclaimed Asphalt Pavement Aggregate Bulk Specific Gravity".

If any individual sieve and/or asphalt binder content tests are out of the above tolerances when compared to the average used for the mix design, the FRAP stockpile shall not be used in Hot-Mix Asphalt unless the FRAP representing those tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the district for evaluation.

The Contractor shall maintain a representative moving average of five tests to be used for Hot-Mix Asphalt production.

With the approval of the Engineer, the ignition oven may be substituted for extractions according to the ITP, "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)" or Illinois Modified AASHTO T-164-11, Test Method A.

(b) Evaluation of RAS Test Results. All of the test results, with the exception of percent unacceptable materials, shall be compiled and averaged for asphalt binder content and gradation. A five-test average of results from the original pile will be used in the mix designs. Individual test results run thereafter, when compared to the average used for the mix design, will be accepted if within the tolerances listed below.

Parameter	RAS
No. 8 (2.36 mm)	± 5 %
No. 16 (1.18 mm)	± 5 %
No. 30 (600 µm)	± 4 %
No. 200 (75 µm)	± 2.5 %
Asphalt Binder Content	± 2.0 %

If any individual sieve and/or asphalt binder content tests are out of the above tolerances when compared to the average used for the mix design, the RAS shall not be used in Hot-Mix Asphalt unless the RAS representing those tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

(c) Quality Assurance by the Engineer. The Engineer may witness the sampling and splitting conduct assurance tests on split samples taken by the Contractor for quality control testing a minimum of once a month.

The overall testing frequency will be performed over the entire range of Contractor samples for asphalt binder content and gradation. The Engineer may select any or all split samples for assurance testing. The test results will be made available to the Contractor as soon as they become available.

The Engineer will notify the Contractor of observed deficiencies.

Differences between the Contractor's and the Engineer's split sample test results will be considered acceptable if within the following limits.

Test Parameter	Acceptable Limits of Precision	
% Passing:[1/]	FRAP	RAS
1/2 in.	5.0%	
No. 4	5.0%	
No. 8	3.0%	4.0%
No. 30	2.0%	4.0%
No. 200	2.2%	4.0%
Asphalt Binder Content	0.3%	3.0%
G_{mm}	0.030	

1/ Based on washed extraction.

In the event comparisons are outside the above acceptable limits of precision, the Engineer will immediately investigate.

(d) Acceptance by the Engineer. Acceptable of the material will be based on the validation of the Contractor's quality control by the assurance process.

1031.05 Quality Designation of Aggregate in RAP and FRAP.

(a) RAP. The aggregate quality of the RAP for homogeneous, conglomerate, and conglomerate "D" quality stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.

(1) RAP from Class I, HMA (High ESAL), or (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.

(2) RAP from HMA (Low ESAL) IL-19.0L binder mixture is designated as Class D quality coarse aggregate.

(3) RAP from Class I, HMA (High ESAL) binder mixtures, bituminous base course mixtures, and bituminous base course widening mixtures are designated as containing Class C quality coarse aggregate.

(4) RAP from bituminous stabilized subbase and BAM shoulders are designated as containing Class D quality coarse aggregate.

(b) FRAP. If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer.

If the quality is not known, the quality shall be determined as follows. Fractionated RAP stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5,000 tons (4,500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant laboratory prequalified by the Department for the specified testing. The consultant laboratory shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the Central Bureau of Materials Aggregate Lab for MicroDeval Testing, according to ITP 327. A maximum loss of 15.0 percent will be applied for all HMA applications. The fine aggregate portion of the fractionated RAP shall not be used in any HMA mixtures that require a minimum of "B" quality aggregate or better, until the coarse aggregate fraction has been determined to be acceptable thru a MicroDeval Testing.

1031.06 Use of FRAP and/or RAS in HMA. The use of FRAP and/or RAS shall be the Contractor's option when constructing HMA in all contracts.

(a) FRAP. The use of FRAP in HMA shall be as follows.

(1) Coarse Aggregate Size (after extraction). The coarse aggregate in all FRAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.

(2) Steel Slag Stockpiles. FRAP stockpiles containing steel slag or other expansive material, as determined by the Department, shall be homogeneous and will be approved for use in HMA (High ESAL and Low ESAL) mixtures regardless of lift or mix type.

(3) Use in HMA Surface Mixtures (High and Low ESAL). FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall have coarse aggregate that is Class B quality or better. FRAP shall be considered equivalent to limestone for frictional considerations unless produced/screened to minus 3/8 inch.

(4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP in which the coarse aggregate is Class C quality or better.

(5) Use in Shoulders and Subbase. FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, Restricted FRAP, conglomerate, or conglomerate DQ

(b) RAS. RAS meeting Type 1 or Type 2 requirements will be permitted in all HMA applications as specified herein.

(c) FRAP and/or RAS Usage Limits. Type 1 or Type 2 RAS may be used alone or in conjunction with FRAP in HMA mixtures up to a maximum of 5.0 percent by weight of the total mix.

When FRAP is used alone or FRAP is used in conjunction with RAS, the percent of virgin asphalt binder replacement (ABR) shall not exceed the amounts listed below for a given N Design.

Maximum Asphalt Binder Replacement (ABR) for FRAP with RAS Combination

HMA Mixtures [1/ 2/ 4/]	Maximum % ABR		
Ndesign	Binder [5/]	Surface [5/]	Polymer Modified [3/]
30L	50	40	30
50	40	35	30
70	40	30	30
90	40	30	30
SMA			30
IL-4.75			40

1/ For Low ESAL HMA shoulder and stabilized subbase, the percent asphalt binder replacement shall not exceed 50 % of the total asphalt binder in the mixture.

2/ When the binder replacement exceeds 15 % for all mixes, except for SMA and IL-4.75, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e., 25 % binder replacement using a virgin asphalt binder grade of PG64-22 will be reduced to a PG58-28). When constructing full depth HMA and the ABR is less than 15 %, the required virgin asphalt binder grade shall be PG64-28.

3/ When the ABR for SMA or IL-4.75 is 15 % or less, the required virgin asphalt binder shall be SBS PG76-22 and the elastic recovery shall be a minimum of 80. When the ABR for SMA or IL-4.75 exceeds 15%, the virgin asphalt binder grade shall be SBS PG70-28 and the elastic recovery shall be a minimum of 80.

4/ When FRAP or RAS is used alone, the maximum percent asphalt binder replacement designated on the table shall be reduced by 10 %.

5/ When the mix has Illinois Flexibility Index Test (I-FIT) requirements, the maximum percent asphalt binder replacement designated on the table may be increased by 5%.

1031.07 HMA Mix Designs. At the Contractor's option, HMA mixtures may be constructed utilizing FRAP and/or RAS material meeting the detailed requirements specified herein.

(a) FRAP and/or RAS. FRAP and /or RAS mix designs shall be submitted for verification. If additional FRAP or RAS stockpiles are tested and found to be within tolerance, as defined under "Evaluation of Tests" herein, and meet all requirements herein, the additional FRAP or RAS stockpiles may be used in the original design at the percent previously verified.

(b) RAS. Type 1 and Type 2 RAS are not interchangeable in a mix design.

The RAP, FRAP and RAS stone specific gravities (G_{sb}) shall be according to the "Determination of Aggregate Bulk (Dry) Specific Gravity (G_{sb}) of Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)" procedure in the Department's Manual of Test Procedures for Materials.

1031.08 HMA Production. HMA production utilizing FRAP and/or RAS shall be as follows.
A scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAS and FRAP feed system to remove or reduce oversized and agglomerated material.

If during mix production, corrective actions fail to maintain FRAP, RAS or QC/QA test results within control tolerances or the requirements listed herein, the Contractor shall cease production of the mixture containing FRAP or RAS and conduct an investigation that may require a new mix design.

(a) FRAP. The coarse aggregate in all FRAP used shall be equal to or less than the nominal maximum size requirement for the HMA mixture being produced.

(b) RAS. RAS shall be incorporated into the HMA mixture either by a separate weight depletion system or by using the RAP weigh belt. Either feed system shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes. The portion of RAS shall be controlled accurately to within ± 0.5 percent of the amount of RAS utilized. When using the weight depletion system, flow indicators or sensing devices shall be provided and interlocked with the plant controls such that the mixture production is halted when RAS flow is interrupted.

(c) HMA Plant Requirements. HMA plants utilizing FRAP and/or RAS shall be capable of automatically recording and printing the following information.

(1) Dryer Drum Plants.

a. Date, month, year, and time to the nearest minute for each print.

b. HMA mix number assigned by the Department.

c. Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).

d. Accumulated dry weight of RAS and FRAP in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).

e. Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.

f. Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.

g. Residual asphalt binder in the RAS and FRAP material as a percent of the total mix to the nearest 0.1 percent.

h. Aggregate RAS and FRAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAS and FRAP are printed in wet condition.)

i. When producing mixtures with FRAP and/or RAS, a positive dust control system shall be utilized.

j. Accumulated mixture tonnage.

k. Dust Removed (accumulated to the nearest 0.1 ton (0.1 metric ton))

(2) Batch Plants.

a. Date, month, year, and time to the nearest minute for each print.

b. HMA mix number assigned by the Department.

c. Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).

d. Mineral filler weight to the nearest pound (kilogram).

e. RAS and FRAP weight to the nearest pound (kilogram).

f. Virgin asphalt binder weight to the nearest pound (kilogram).

g. Residual asphalt binder in the RAS and FRAP material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.

1031.09 RAP in Aggregate Surface Course and Aggregate Wedge Shoulders, Type B. The use of RAP in aggregate surface course and aggregate shoulders shall be as follows.

(a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except "Non-Quality" and "FRAP". The testing requirements of Article 1031.03 shall not apply. RAP used shall be according to the current Central Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".

(c) Gradation. The RAP material shall meet the gradation requirements for CA 6 according to Article 1004.01(c), except the requirements for the minus No. 200 (75 µm) sieve shall not apply. The sample for the RAP material shall be air dried to constant weight prior to being tested for gradation."

APPENDIX A

City of Crest Hill

Division 100 – General Requirements and Covenants

CITY OF CREST HILL
DIVISION 100

GENERAL REQUIREMENTS AND COVENANTS

TABLE OF CONTENTS

ITEM **PAGE**

SECTION 1. DEFINITION OF TERMS 1
1-1 DESCRIPTION 1
1-2 ABBREVIATIONS 1
1-3 ADDENDA 2
1-4 AWARD 2
1-5 BASE COURSE 2
1-6 BITUMINOUS PAVEMENT 2
1-7 BIDDER 2
1-8 CONTRACT 2
1-9 CONTRACTOR 3
1-10 CONTRACT BOND 3
1-11 CORPORATION 3
1-12 CULVERT 3
1-13 ENGINEER 3
1-14 FORCE MAIN 3
1-15 ENGINEERING OBSERVER 3
1-16 LABORATORY 3
1-17 MANHOLE 4
1-18 NOTICE TO BIDDERS 4
1-19 CITY 4
1-20 PAVEMENT STRUCTURE 4
1-21 PLANS 4
1-22 PLUMBING 4
1-23 PROPOSAL {BID} 4
1-24 PROPOSAL GUARANTY 4
1-25 RAILROAD 4
1-26 RIGHT-OF-WAY AND EASEMENTS 4
1-27 SEWER, COMBINED 5
1-28 SEWER, SANITARY 5
1-30 SEWER, STORM 5
1-31 SPECIAL PROVISIONS 5

1-32 SPECIFICATIONS 5
1-33 STATE SPECIFICATIONS 5
1-34 SUBCONTRACTOR 5
1-35 SUB-BASE 6
1-36 SUB-GRADE 6
1-37 SUPPLEMENTAL AGREEMENT 6
1-38 SUPPLIER 6
1-39 SURETY 6
1-40 SURFACE COURSE 6
1-41 WATER MAIN 6
1-42 WATER SERVICE LINE 6
1-43 THE WORK 6
SECTION 2. PROPOSAL REQIREMENT AND CONDITIONS 7
2-1 CONTENTS OF THE PROPOSAL FORM 7
2-2 INTERPRETATION OF ESTIMATE OF QUANTITIES 7
2-3 EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND SITE OF WORK 7
2-4 ENGINEER'S ESTIMATE 8
2-5 PREPARATION OF THE PROPOSAL 8
2-6 MULTIPLE BIDS 8
2-7 REJECTION OF PROPOSALS 8
2-8 PROPOSAL GUARANTY 8
2-9 DELIVERY OF PROPOSALS 9
2-10 WITHDRAWAL OF PROPOSALS 9
2-11 WITHDRAWAL OF PROPOSAL GUARANTY 9
2-12 PUBLIC OPENING OF PROPOSALS 9
2-14 COMPETENCY OF BIDDERS 10
2-15 MATERIAL SUBSTITUTIONS 10
2-16 CONTRACTOR'S UNDERSTANDING 11
2-17 STATUS OF RIGHT-OF-WAY, EASEMENT AND CONSTRUCTION EASEMENT ACQUISITION 11
SECTION 3. AWARD AND EXECUTION OF CONTRACT 11
3-1 CONSIDERATION OF PROPOSALS 11
3-2 AWARD OF CONTRACT 11
3-3 RETURN OF PROPOSAL GUARANTY 11

3-4 REQUIREMENT OF CONTRACT BOND 12
3-5 EXECUTION OF THE CONTRACT 12
3-6 FAILURE TO EXECUTE CONTRACT 12
SECTION 4. SCOPE OF WORK 13
4-1 INTENT OF THE PLANS AND SPECIFICATIONS 13
4-2 SPECIAL WORK 13
4-3 CHANGES 13
4-4 PERIODIC AND FINAL CLEANUP 14
4-5 LUMP SUM CONTRACTS 14
4-6 LOCAL ORDINANCES AND REGULATIONS 15
4-7 PREFERENCE TO VETERANS 15
SECTION 5. CONTROL OF THE WORK 16
5-1 PLANS AND WORKING DRAWINGS 16
5-2 CONFORMITY WITH PLANS AND SPECIFICATIONS 16
5-3 COORDINATION OF COMPONENT PARTS OF THE CONTRACT 16
5-4 COOPERATION BY CONTRACTOR 17
5-5 UTILITIES 17
5-6 COOPERATION BETWEEN CONTRACTORS 17
5-7 CONSTRUCTION STAKES 17
5-8 AUTHORITY AND DUTIES OF OBSERVERS 18
5-9 ENGINEER'S FIELD OFFICE AND/OR LABORATORY 18
5-10 CONSTRUCTION OBSERVATION 18
5-11 REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK 20
5-12 FINAL ACCEPTANCE 20
5-13 PUBLIC CONSTRUCTION BID ACT, 30 ILCS 557—1-DELETED. 20
SECTION 6. CONTROL OF MATERIAL 21
6-1 QUALITY OF MATERIALS 21
6-2 DEFECTIVE MATERIALS 21
6-3 TESTING MATERIALS 21
6-4 SAND, GRAVEL AND CRUSHED STONE 21
6-5 CONCRETE 21
6-6 MISCELLANEOUS MATERIALS 21
6-7 JOB SITE OBSERVATION 22
6-8 STORED MATERIALS 22
6-9 "OR EQUAL" CLAUSE 22

SECTION 7. LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC 23
7-1 LAWS TO BE OBSERVED 23
7-1.01 INDEMNIFICATION 23
7-2 INSURANCE REQUIREMENTS 24
7-3 PERMITS AND LICENSES 29
7-4 PATENTS AND ROYALTIES 30
7-5 STATE AND FEDERAL PARTICIPATION 30
7-6 SANITARY PROVISIONS 30
7-7 PUBLIC CONVENIENCE AND SAFETY 30
7-8 BARRICADES AND WARNING SIGNS 30
7-9 DEBRIS ON TRAVELED SURFACE OR STRUCTURES 31
7-10 EQUIPMENT ON TRAVELED SURFACE AND STRUCTURES 31
7-11 USE OF EXPLOSIVES 31
7-12 USE OF FIRE HYDRANTS 31
7-13 PROTECTION AND RESTORATION OF PROPERTY 32
7-14 PROTECTION AND RESTORATION OF TRAFFIC SIGNS 32
7-15 CONTRACTOR'S RESPONSIBILITY FOR WORK 33
7-17 PERSONAL LIABILITY OF CITY'S AGENTS 34
7-18 NO WAIVER OF LEGAL RIGHTS 34
7-19 SAFETY 34
7-20 USE OF PRIVATE LAND 34
7-21 USE OF WATER 34
7-22 COST OF SERVICES 35
7-23 WORK IN BAD WEATHER 35
7-24 SUNDAY WORK 35
7-25 WATCHMEN 35
7-26 CONSTRUCTION DEBRIS 35
7-27 SAMPLE INSURANCE CERTIFICATE 36
SECTION 8. PROSECUTION AND PROGRESS 37
8-1 SUBLETTING OR ASSIGNMENT OF CONTRACT 37
8-2 PROGRESS SCHEDULE 37
8-3 PRE-CONSTRUCTION CONFERENCE 37
8-4 PROSECUTION OF THE WORK 37
8-5 COMPLETION DATE 37
8-6 LIMITATIONS OF OPERATIONS 38

8-7 SUSPENSION OF WORK 38
8-8 DETERMINATION AND EXTENSION OF CONTRACT TIME FOR COMPLETION 38
8-9 FAILURE TO COMPLETE THE WORK ON TIME 38
8-10 DEFAULT ON CONTRACT 39
8-11 TERMINATION OF THE CONTRACTOR'S RESPONSIBILITY 40
SECTION 9. MEASUREMENT AND PAYMENT 40
9-1 MEASUREMENT OF QUANTITIES 40
9-2 SCOPE OF PAYMENT 40
9-3 INCREASED OR DECREASED QUANTITIES 40
9-4 PAYMENT FOR EXTRA WORK 41
9-5 PAYMENT FOR SUBCONTRACTING, EXTRA WORK 42
9-6 PARTIAL PAYMENTS 42
9-7 ACCEPTANCE AND FINAL PAYMENT 42
9-8 CITY'S RIGHT TO WITHHOLD CERTAIN AMOUNTS 43
9-9 RELEASE OF CLAIMS AND LIENS 43

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 1916 Race Street Philadelphia, Pennsylvania 19103
ASSHTO	The American Association of State Highway and Transportation Officials 917 National Press Building Washington, D.C. 20004
AWWA	American Water Works Association 6666 West Quincy Avenue Denver, Colorado 80235
NSF	National Sanitation Test Laboratory Foundation Box 1478 Ann Arbor, Michigan
ANSI	American National Standards Institute 1430 Broadway New York, New York 10018
IDOT	Illinois Department of Transportation 2300 South Dirksen Parkway Springfield, Illinois 62764
FHWA	Federal Highway Administration DOT Building, 400 Seventh St., S.W. Washington, D.C. 20590
OSHA	Occupational Safety and Health Act
MWRDGC	The Metropolitan Water Reclamation District of Greater Chicago 100 East Erie Street 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	
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

DATE (MM/DD/YYYY)

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):
FAX (A/C, No):
E-MAIL ADDRESS:

INSURER(S) AFFORDING COVERAGE — NAIC #
INSURER A : CARRIERS MUST BE RATED
INSURER B : A- VII 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
	GENERAL LIABILITY						
	X COMMERCIAL GENERAL LIABILITY	Y	Y	POLICY NUMBER	EFF DATE	EXP DATE	EACH OCCURRENCE $ 1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) $ ANY LIMIT
							MED EXP (Any one person) $ ANY LIMIT
							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
							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) $ 1,000,000
	X ANY AUTO	Y	Y	POLICY NUMBER	EFF DATE	EXP DATE	BODILY INJURY (Per person) $
	ALL OWNED AUTOS / SCHEDULED AUTOS						BODILY INJURY (Per accident) $
	X HIRED AUTOS / X NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident) $
							$
	X UMBRELLA LIAB / X OCCUR	Y	Y	POLICY NUMBER	EFF DATE	EFF DATE	EACH OCCURRENCE $ 5,000,000
	EXCESS LIAB / CLAIMS-MADE						AGGREGATE $ 5,000,000
	DED / RETENTION $						$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	Y/N	N/A	POLICY NUMBER	EFF DTE	EFF DATE	X PER STATUTE / OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N					E.L. EACH ACCIDENT $ 500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE $ 500,000
							E.L. DISEASE - POLICY LIMIT $ 500,000
	POLLUTION PROFESSIONAL			POLICY NUMBER	EFF DATE	EFF DATE	$1,000,000/1,000,000 AGG $1,000,000/2,000,000 AGG

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

REL JOB NUMBER AND PROJECT NAME AND ADDRESS:

Additional insured with respect to General Liability, Auto Liability and Umbrella/Excess Liability on a primary and noncontributory basis when required by written contract (Owner and Robinson Engineering ltd) Owner is Certificate Holder. 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 General Liability coverage per ISO forms CG2010 and CG2037 or equivalent forms. Umbrella/Excess is on a follow form basis 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

© 1988-2010 ACORD CORPORATION. All rights reserved.

ACORD 25 (2010/05) — The ACORD name and logo are registered marks of ACORD

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.

APPENDIX B

Results of Geotechnical Investigation and CCDD Analysis

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 III. 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.

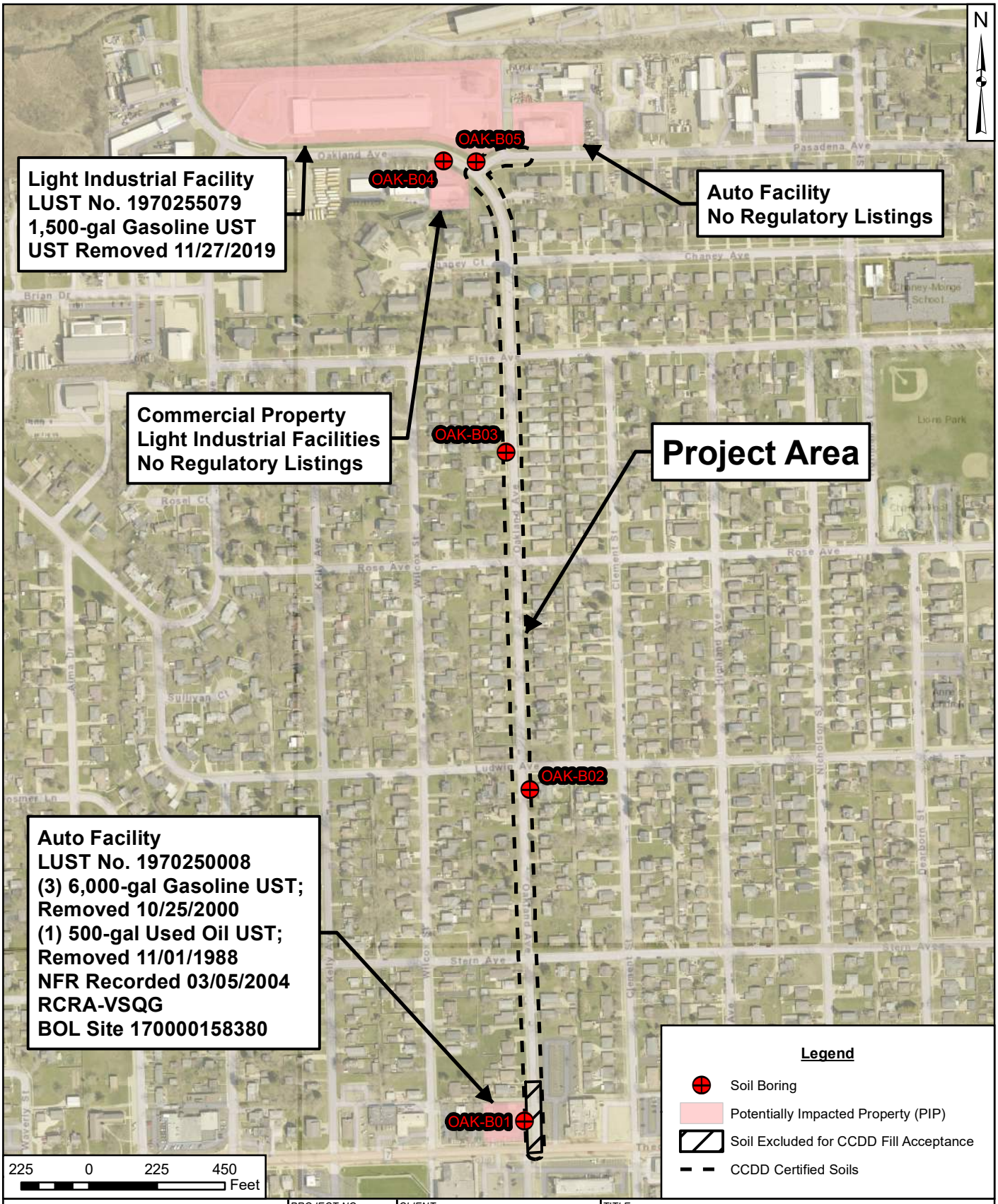
Analytical data tables comparing soil results to appropriate MAC values are provided in **Table 1** through **Table 3**.

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.



7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
www.v3co.com

Visio, Vertere, Virtute...
"The Vision To Transform with Excellence"

PROJECT NO.:	230652
CREATED BY:	JAK
DATE:	11/07/2023
SCALE:	See Scale Bar
CLIENT:	City of Crest Hill 20600 City Center Blvd Crest Hill, Illinois, 60403
BASE LAYER:	Will County Open GIS Data (2022)
TITLE:	**OAKLAND AVE**
SITE:	Proposed Watermain Plans Crest Hill, IL
FIGURE:	1

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] (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)	Inhalation (mg/kg)	Soil Component of the Groundwater Ingestion Exposure Route Values: Class I (mg/kg)	Class II (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
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[a] (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(*a*) 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 i	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 i	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	1.6f	170e	-----c	5.8	1.6	0.51	*	< 0.042	---	---	< 0.041	< 0.041
Isophorone	8 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,j	-----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 Metropolitan 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.

TABLE 3
SOIL ANALYTICAL RESULTS (INORGANICS)
Proposed Watermain Plans – Oakland Ave, Crest Hill, IL

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)	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	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
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
---a	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.

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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.

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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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	**SW5035/8260B**			Prep Date: **10/25/2023**		Analyst: **CBG**
IEPA ELAP 100445						
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	**SW8270C (SW3550B)**			Prep Date: **10/23/2023**		Analyst: **TEM**
IEPA ELAP 100445						
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
E - Value above quantitation range
H - Holding time exceeded

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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						
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	**SW6020A (SW3050B)**			Prep Date: **10/25/2023**		Analyst: **MMR**
IEPA ELAP 100445						
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	**SW7471B**			Prep Date: **10/23/2023**		Analyst: **SH**
IEPA ELAP 100445						

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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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:

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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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:

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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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: 23100663-003

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
* - 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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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	**SW5035/8260B**			Prep Date: **10/25/2023**		Analyst: **CBG**
IEPA ELAP 100445						
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	**SW8270C (SW3550B)**			Prep Date: **10/23/2023**		Analyst: **TEM**
IEPA ELAP 100445						
Acenaphthene	ND	0.041		mg/Kg-dry	1	10/24/2023
Acenaphthylene	ND	0.041		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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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						
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

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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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						

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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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
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

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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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	**SW5035/8260B**			Prep Date: **10/25/2023**		Analyst: **CBG**
IEPA ELAP 100445						
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	**SW8270C (SW3550B)**			Prep Date: **10/23/2023**		Analyst: **TEM**
IEPA ELAP 100445						
Acenaphthene	ND	0.041		mg/Kg-dry	1	10/24/2023
Acenaphthylene	ND	0.041		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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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

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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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						
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	**SW6020A (SW3050B)**			Prep Date: **10/25/2023**		Analyst: **MMR**
IEPA ELAP 100445						
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	**SW7471B**			Prep Date: **10/23/2023**		Analyst: **SH**
IEPA ELAP 100445						

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

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

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:

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

sterling labs
2242 W. Harrison St., Suite 200, Chicago, IL 60612 Phone: (312) 733-0551
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
Projeet Location: Crest Hill, IL
Sampler(s): JAK
Rcport 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/Deseription:	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:

Laboratory Work Order No.: 23100663

Received on Ice: Yes ✓ No

Temperature: On Ice °C

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

sterling labs

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: [signature] Signature 10-20-2023 Date

Reviewed by: [initials] Initials 10/23/2023 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

V3 | Visio, Vertere, Virtute … *The Vision to Transform with Excellence*
LinkedIn | Facebook | Instagram | Twitter | www.v3co.com

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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	387
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-14
Physical Setting Source Map Findings	A-16
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA) INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

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 EPA ID:: ILD043912922	***2050 N BROADWAY***	***ENE 1/2 - 1 (0.512 mi.)***	***20***	***49***
BLUESTONE SPECIALTY EPA ID:: ILD062480850	***10 INDUSTRY AVE***	***ESE 1/2 - 1 (0.806 mi.)***	***22***	***60***
TOYAL AMERICA INC 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 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 NFA/NFR Letter: 2019-03-05 NFA/NFR Letter: 2022-12-05 Incident Num: 20150536 Incident Num: 990635 IL EPA Id: 1970455144	***1522 CLEMENT ST***	***SSE 0 - 1/8 (0.071 mi.)***	***B5***	***15***
KOWALSKI, ED Incident Num: 913736 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 Incident Num: 20191228 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 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 Facility Id: 2022370 Tank Status: Removed Status: CLOSED	650 THEODORE STREET	S 0 - 1/8 (0.005 mi.)	A1	8
1522 JOLIET BP, LLC Facility Id: 2010060 Tank Status: Removed	1522 CLEMENT STREET	SSE 0 - 1/8 (0.071 mi.)	B6	20

Tank Status: Currently in use
Status: ACTIVE

FACILITY 2017569 Facility Id: 2017569 Tank Status: Removed 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 Facility Id: 2046958 Tank Status: Removed Status: EXEMPT	2101 OAKLAND AVENUE	NNW 0 - 1/8 (0.080 mi.)	C9	27
J M PRINTERS INC Facility Id: 2033372 Tank Status: Removed 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 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 FID: 0 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.

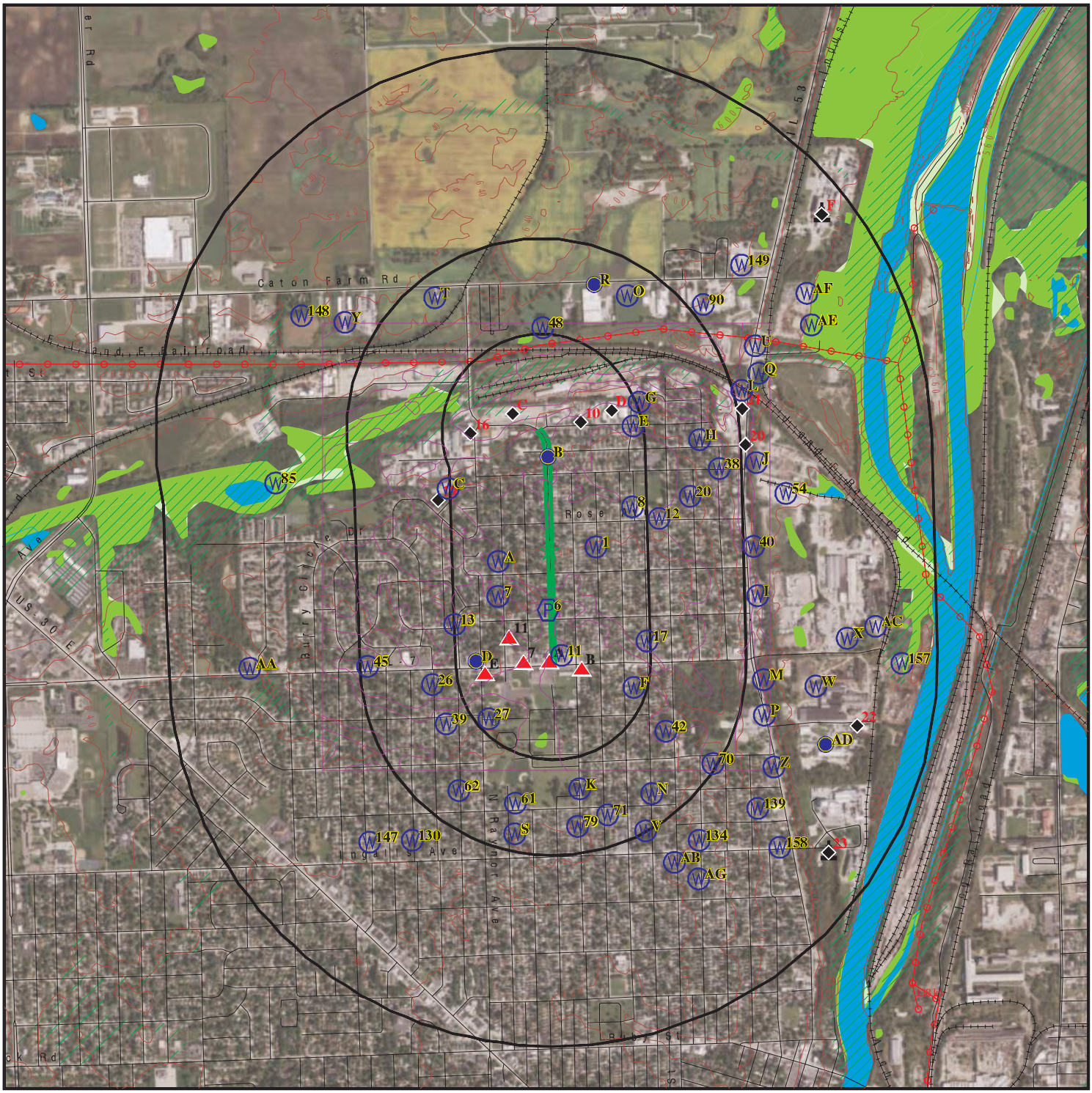
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEM DRY BY DEAN	1614 KELLY AVE	SSW 0 - 1/8 (0.107 mi.)	11	30

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

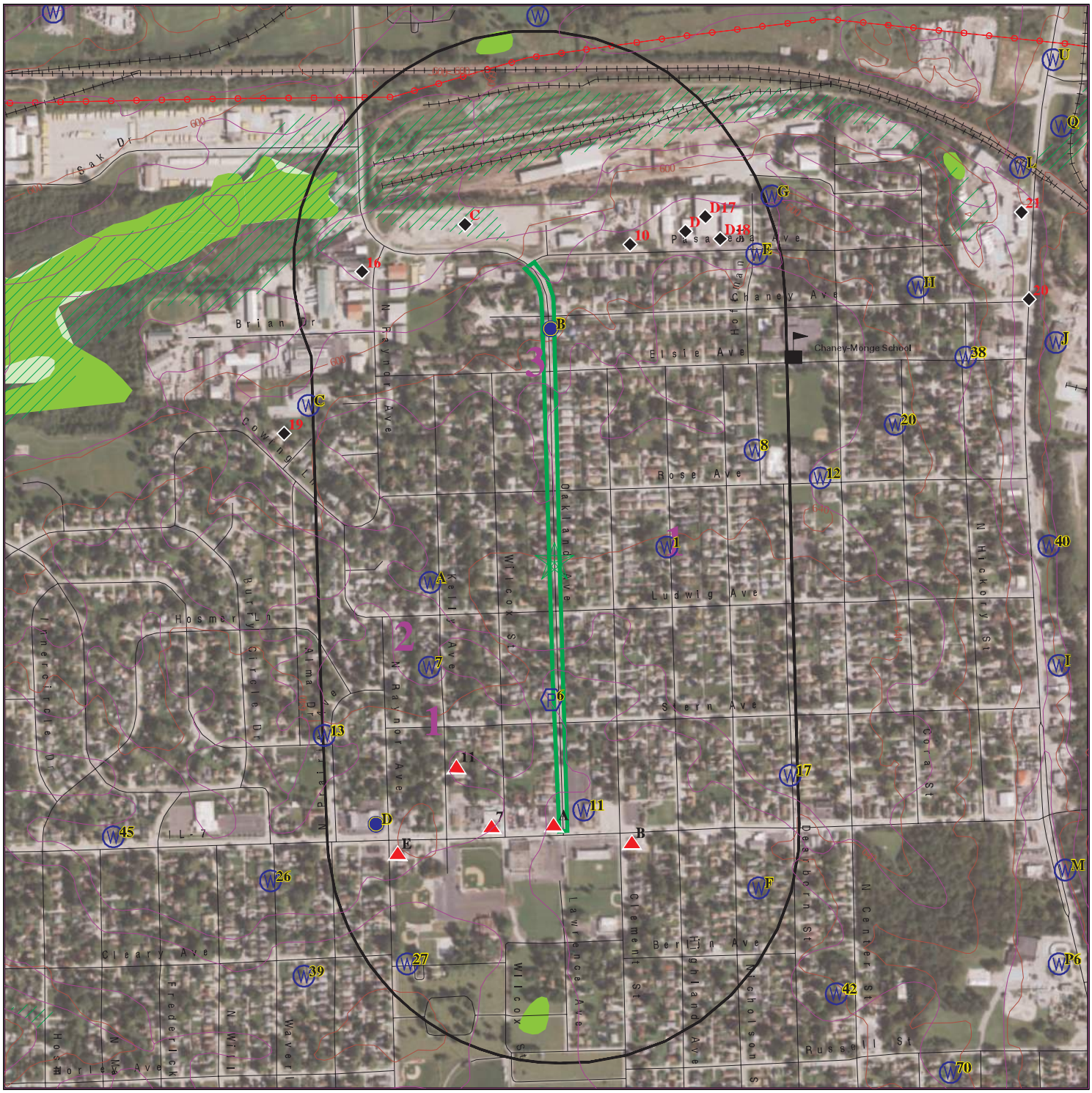


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Crest Hill - Oakland Ave	CLIENT:	V3 Companies of IL, LTD
ADDRESS:	1811 Oakland Ave Crest Hill IL 60403	CONTACT:	Jonathan D Shuptar
LAT/LONG:	41.556664 / 88.098326	INQUIRY #:	7469530.2s
		DATE:	October 13, 2023 4:32 pm

Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

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
- 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 Crest Hill IL 60403	CONTACT:	Jonathan D Shuptar
		INQUIRY #:	7469530.2s
LAT/LONG:	41.556664 / 88.098326	DATE:	October 13, 2023 4:33 pm

Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

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 **ZDRALEVICH FAMILY PARTNERSHIP** **IL LUST** **S107740155**
South **650 THEODORE ST.** **IL AIRS** **N/A**
< 1/8 **CREST HILL, IL 60435** **IL BOL**
0.005 mi.
28 ft. **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 **K AND D SVC DBA JMS INC** **RCRA-VSQG** **1004693414**
South **650 THEODORE ST** **FINDS** **ILD984822742**
< 1/8 **CREST HILL, IL 60435** **ECHO**
0.005 mi.
28 ft. **Site 3 of 3 in cluster A**

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

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

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:
651 ft.

Name: 1522 JOLIET BP, LLC
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 **RCRA NonGen / NLR** **1000235952**
700 THEODORE **ILD982634156**
CREST HILL, IL 60435

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

C8 **CREST HILL CITY OF** **IL LUST** **S125715365**
NNW **2101 OAKLAND AVE ROW** **IL BOL** **N/A**
< 1/8 **CREST HILL, IL 60403**
0.080 mi.
423 ft. **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

11
SSW
< 1/8
0.107 mi.
567 ft.

CHEM DRY BY DEAN **EDR Hist Cleaner** **1018570400**
1614 KELLY AVE **N/A**
JOLIET, IL 60403

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

Name:	J M PRINTERS INC
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

Actual:
612 ft.

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

Date Form Received by Agency:	19941003
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

Actual:
611 ft.

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

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

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

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
Actual: City,State,Zip: CREST HILL, IL
609 ft. Latitude: 41.562032

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

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:	Il
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

---

19 **MAYOR AND COUNCIL** **IL IMPDMENT** **S105253154**
WNW **N/A**
1/4-1/2 **, IL**
0.281 mi.
1486 ft.

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

---

20 **DOW CHEMICAL** **SEMS** **1015731039**
ENE **2050 N BROADWAY** **CORRACTS** **ILD043912922**
1/2-1 **JOLIET, IL 60435** **RCRA-VSQG**
0.512 mi. **US INST CONTROLS**
2706 ft. **FINDS**

Relative: SEMS:
Lower

Site ID:	0506526
EPA ID:	ILD043912922
Name:	INSTA-FOAM PRODUCT, INCORPORATION
Address:	BROADWAY & CHANEY STREETS

Actual:
592 ft.

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

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:
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

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:	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

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:	Il
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

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:

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: Il
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: Il
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 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 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 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

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

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

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
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.

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

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

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).

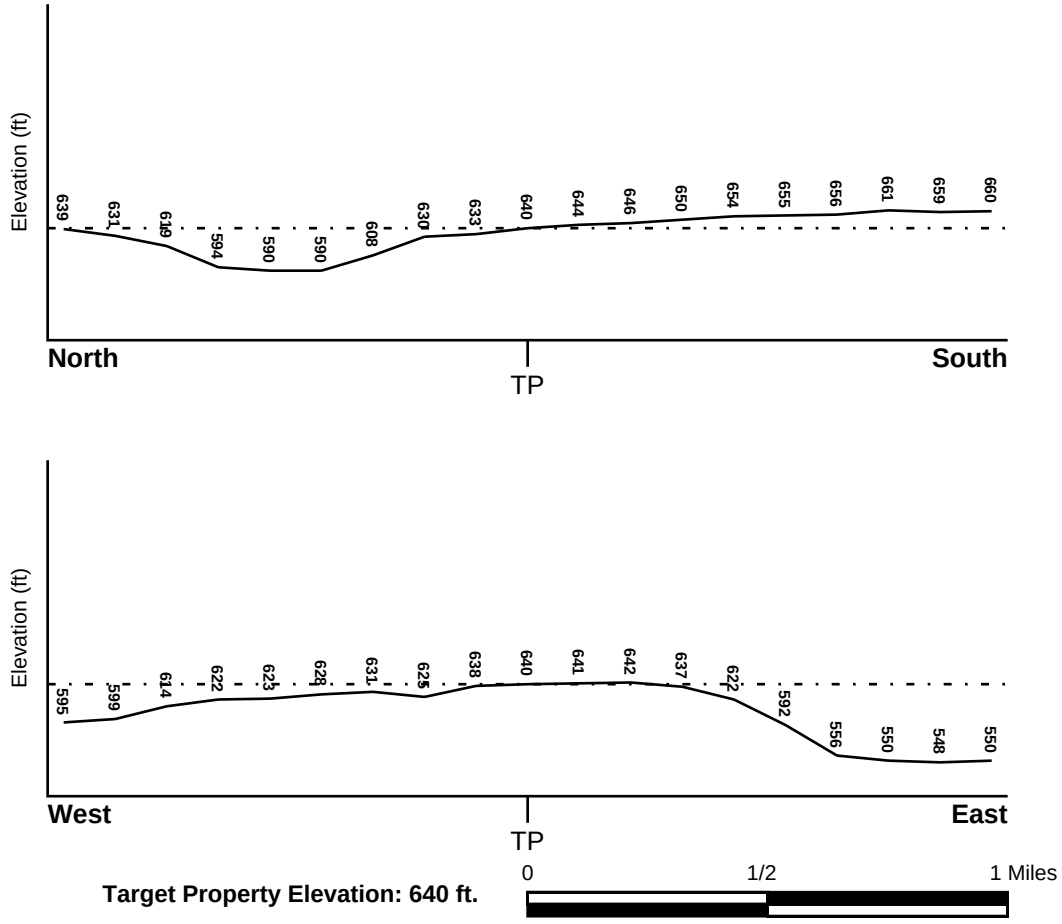
TOPOGRAPHIC INFORMATION

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

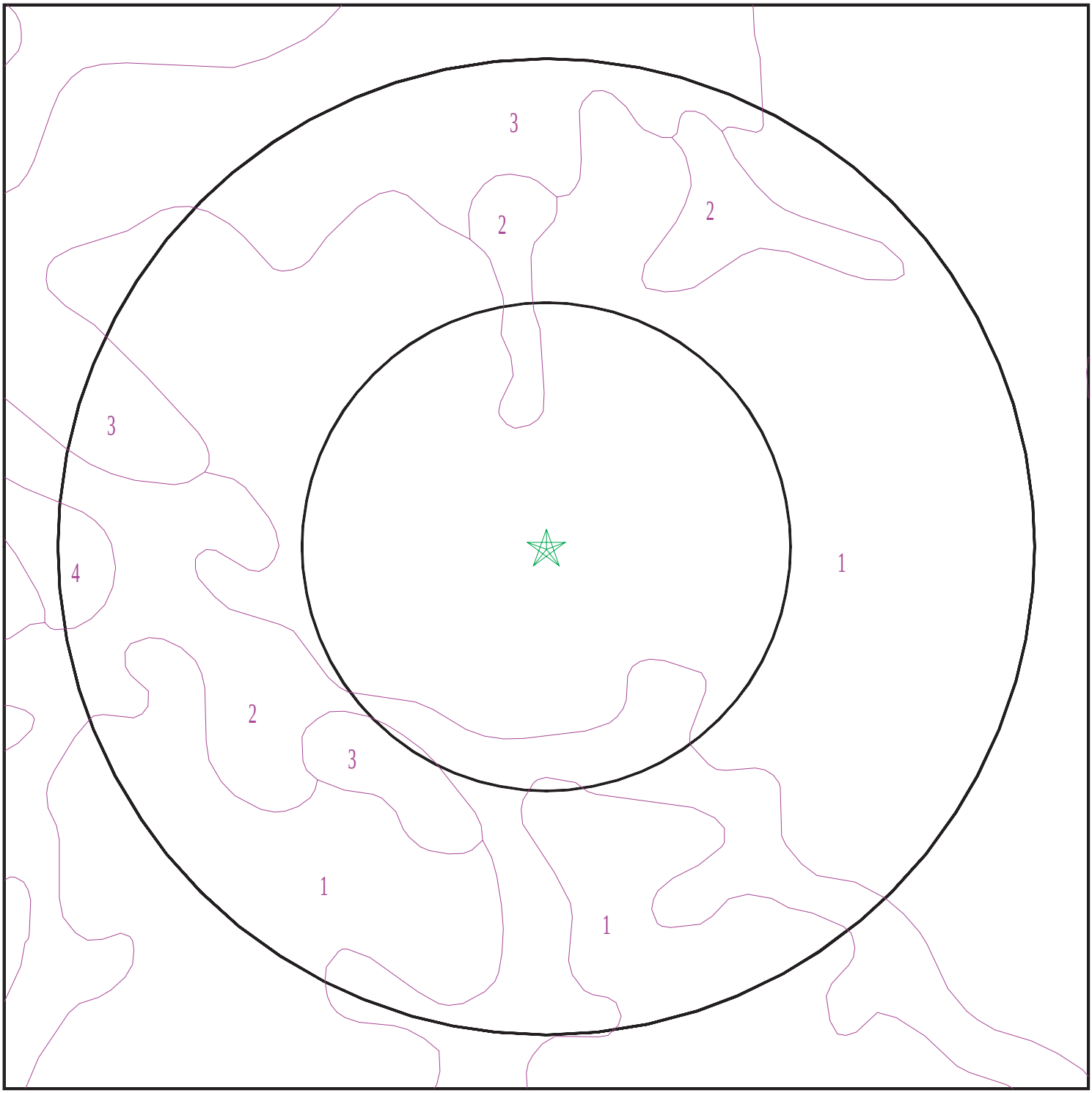
Era:	Paleozoic
System:	Silurian
Series:	Middle Silurian (Niagoaran)
Code:	S2 *(decoded above as Era, System & Series)*

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 Crest Hill IL 60403	CONTACT:	Jonathan D Shuptar
LAT/LONG:	41.556664 / 88.098326	INQUIRY #:	7469530.2s
		DATE:	October 13, 2023 4:34 pm

Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

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 Min: 0.42	Max: 8.4 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 Min: 0.42	Max: 8.4 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 Min: 0.42	Max: 8.4 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 Min: 0.42	Max: 8.4 Min: 7.4

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 Min: 0.42	Max: 8.4 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 Min: 1.41	Max: 7.8 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 Min: 1.41	Max: 7.8 Min: 6.6

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 Min: 1.41	Max: 7.8 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 Min: 1.41	Max: 7.8 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 Min: 0.42	Max: 8.4 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 Min: 0.42	Max: 8.4 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 Min: 0.42	Max: 8.4 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 Min: 0.42	Max: 8.4 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 Min: 0.42	Max: 8.4 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 Min: 0.42	Max: 8.4 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 Min: 0.42	Max: 8.4 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 Min: 0.42	Max: 8.4 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

STATE DATABASE WELL INFORMATION

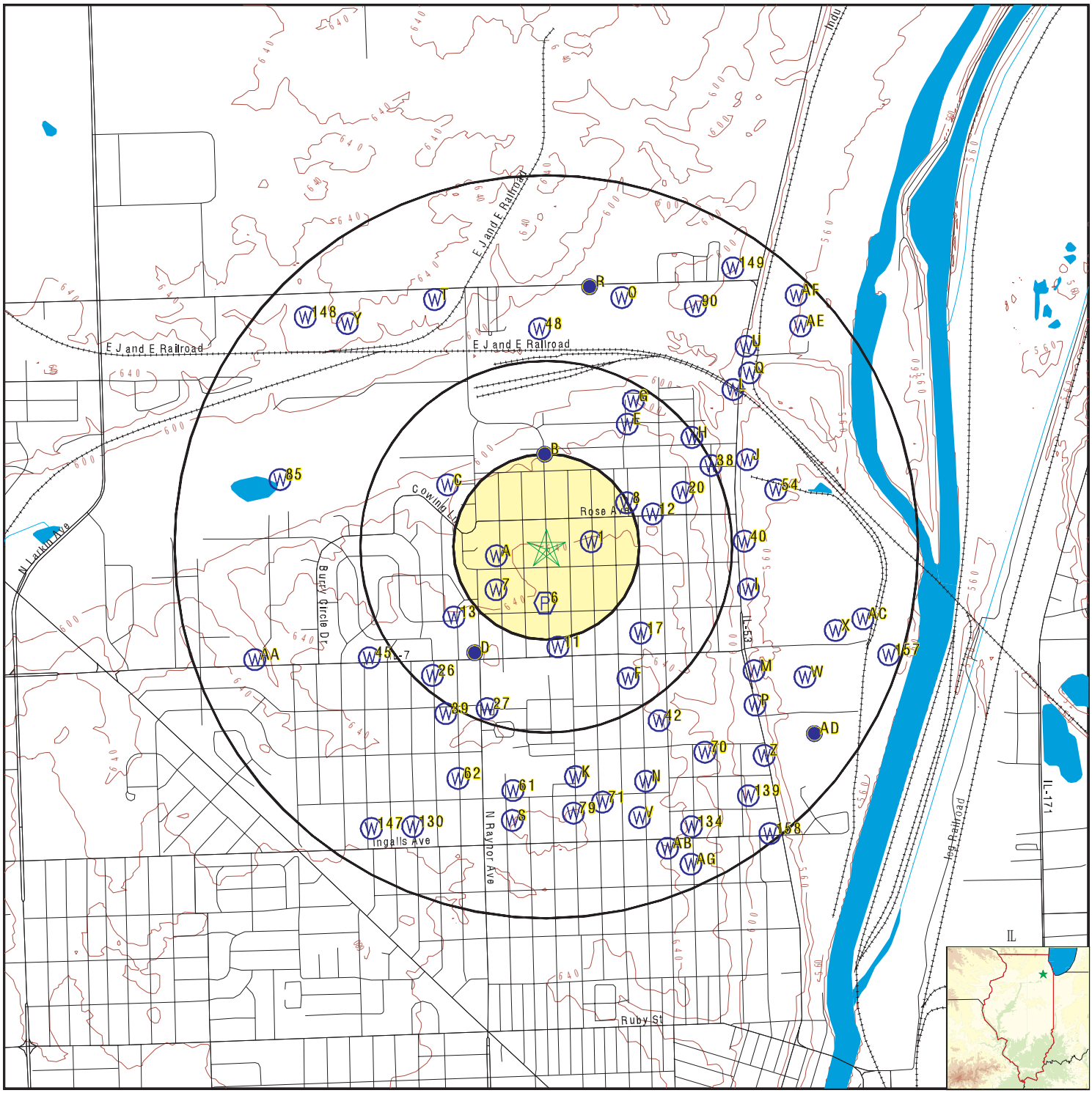
MAP ID	WELL ID	LOCATION FROM TP
90	ILSG40000344165	1/2 - 1 Mile NNE
U91	ILSG40000356290	1/2 - 1 Mile NE
V92	ILPW49908	1/2 - 1 Mile SSE
V93	ILPW49898	1/2 - 1 Mile SSE
V94	ILPW49897	1/2 - 1 Mile SSE
V95	ILPW49907	1/2 - 1 Mile SSE
V96	ILPW49904	1/2 - 1 Mile SSE
V97	ILPW49903	1/2 - 1 Mile SSE
V98	ILPW49906	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 Crest Hill IL 60403	CONTACT:	Jonathan D Shuptar
		INQUIRY #:	7469530.2s
LAT/LONG:	41.556664 / 88.098326	DATE:	October 13, 2023 4:34 pm

Copyright © 2023 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
East
0 - 1/8 Mile
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
West
1/8 - 1/4 Mile
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		

A3
West
1/8 - 1/4 Mile
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:	~~		

A4
WSW
1/8 - 1/4 Mile
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		

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		

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
SW
1/8 - 1/4 Mile
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:	~~		

8
ENE
1/8 - 1/4 Mile
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:	~~		

B9
North
1/8 - 1/4 Mile
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		

B10
North
1/4 - 1/2 Mile
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		

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		

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		

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
SE
1/4 - 1/2 Mile
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		

D18
SW
1/4 - 1/2 Mile
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		

E19
NE
1/4 - 1/2 Mile
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
ENE **IL WELLS** **ILSG40000351282**
1/4 - 1/2 Mile
Lower

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		

F21
SSE **IL WELLS** **ILEPANC70000226**
1/4 - 1/2 Mile
Higher

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		

E22
NNE **IL WELLS** **ILPW56059**
1/4 - 1/2 Mile
Lower

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		

F23
SSE **IL WELLS** **ILSG40000345052**
1/4 - 1/2 Mile
Higher

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		

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		

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		

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 **SSW** **1/4 - 1/2 Mile** **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:	~~		

	Database	EDR ID Number
H28 **NE** **1/4 - 1/2 Mile** **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:	--		

	Database	EDR ID Number
H29 **NE** **1/4 - 1/2 Mile** **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:	--		

	Database	EDR ID Number
H30 **NE** **1/4 - 1/2 Mile** **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
NE
1/4 - 1/2 Mile
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:	~~		

H32
NE
1/4 - 1/2 Mile
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:	~~		

H33
NE
1/4 - 1/2 Mile
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:	~~		

H34
NE
1/4 - 1/2 Mile
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
Direction
Distance
Elevation | Database | EDR ID Number

H35
NE
1/4 - 1/2 Mile
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:	~~		

H36
NE
1/4 - 1/2 Mile
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:	--		

H37
NE
1/4 - 1/2 Mile
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:	--		

38
ENE
1/4 - 1/2 Mile
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

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		

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		

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
Direction
Distance
Elevation | Database | EDR ID Number

42
SSE **IL WELLS** **ILSG40000344714**
1/2 - 1 Mile
Higher

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		

I43
ESE **IL WELLS** **ILEPANC70000351**
1/2 - 1 Mile
Lower

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		

I44
ESE **IL WELLS** **ILSG40000349793**
1/2 - 1 Mile
Lower

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
WSW
1/2 - 1 Mile
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		

I46
East
1/2 - 1 Mile
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		

J47
ENE
1/2 - 1 Mile
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
North
1/2 - 1 Mile
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
ESE
1/2 - 1 Mile
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		

M56
ESE
1/2 - 1 Mile
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		

K57
South
1/2 - 1 Mile
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
ESE
1/2 - 1 Mile
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		

M59
ESE
1/2 - 1 Mile
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		

N60
SSE
1/2 - 1 Mile
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
Direction
Distance
Elevation | Database | EDR ID Number

61
South
1/2 - 1 Mile
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		

62
SSW
1/2 - 1 Mile
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		

O63
NNE
1/2 - 1 Mile
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
NE | **IL WELLS** | **ILSG40000356285**
1/2 - 1 Mile
Lower

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		

M65
ESE | **IL WELLS** | **ILSG40000358517**
1/2 - 1 Mile
Lower

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		

O66
NNE | **IL WELLS** | **ILSG40000333685**
1/2 - 1 Mile
Lower

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
Direction
Distance
Elevation | Database | EDR ID Number

L67
NE **IL WELLS** **ILSG40000356284**
1/2 - 1 Mile
Lower

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		

P68
SE **IL WELLS** **ILPW49913**
1/2 - 1 Mile
Lower

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:	~~		

Q69
NE **IL WELLS** **ILSG40000356286**
1/2 - 1 Mile
Lower

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		

70
SE **IL WELLS** **ILPW49915**
1/2 - 1 Mile
Lower

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:	~~		

71
SSE **IL WELLS** **ILSG40000345045**
1/2 - 1 Mile
Higher

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		

R72
NNE **FED USGS** **USGS40000298678**
1/2 - 1 Mile
Lower

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

N73
SSE **IL WELLS** **ILSG40000345042**
1/2 - 1 Mile
Higher

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
NE
1/2 - 1 Mile
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		

Q75
NE
1/2 - 1 Mile
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		

R76
North
1/2 - 1 Mile
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
North
1/2 - 1 Mile
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:	|

Depth:	1558	Record type:	AC
Well Use:	IN	Well Type:	~~
Aquifer type:	~~		

P78
SE **IL WELLS** **ILSG40000345040**
1/2 - 1 Mile
Lower

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 **IL WELLS** **ILSG40000345038**
1/2 - 1 Mile
Higher

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 & Schorie
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 **IL WELLS** **ILSG40000345043**
1/2 - 1 Mile
Higher

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
NNW
1/2 - 1 Mile
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		

O82
NNE
1/2 - 1 Mile
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:	~~		

Q83
NE
1/2 - 1 Mile
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:	~~		

T84
NNW
1/2 - 1 Mile
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 **IL WELLS** **ILPW56039**
1/2 - 1 Mile
Lower

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 **IL WELLS** **ILSG40000356288**
1/2 - 1 Mile
Lower

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		

S87
South **IL WELLS** **ILSG40000345035**
1/2 - 1 Mile
Higher

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
South | **IL WELLS** | **ILSG40000345049**
1/2 - 1 Mile
Higher

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		

U89
NE | **IL WELLS** | **ILSG40000356289**
1/2 - 1 Mile
Lower

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		

90
NNE | **IL WELLS** | **ILSG40000344165**
1/2 - 1 Mile
Lower

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
Direction
Distance
Elevation | Database | EDR ID Number

U91
NE **IL WELLS** **ILSG40000356290**
1/2 - 1 Mile
Lower

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		

V92
SSE **IL WELLS** **ILPW49908**
1/2 - 1 Mile
Higher

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		

V93
SSE **IL WELLS** **ILPW49898**
1/2 - 1 Mile
Higher

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:	~~		

V94
SSE **IL WELLS** **ILPW49897**
1/2 - 1 Mile
Higher

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:	~~		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V95
SSE
1/2 - 1 Mile
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		

V96
SSE
1/2 - 1 Mile
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:	~~		

V97
SSE
1/2 - 1 Mile
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:	~~		

V98
SSE
1/2 - 1 Mile
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 **SSE** **1/2 - 1 Mile** **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:	~~		

	Database	EDR ID Number
V100 **SSE** **1/2 - 1 Mile** **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:	~~		

	Database	EDR ID Number
V101 **SSE** **1/2 - 1 Mile** **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		

	Database	EDR ID Number
V102 **SSE** **1/2 - 1 Mile** **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:	~~		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V103
SSE
1/2 - 1 Mile
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:	~~		

V104
SSE
1/2 - 1 Mile
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:	~~		

V105
SSE
1/2 - 1 Mile
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:	~~		

V106
SSE
1/2 - 1 Mile
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:	~~		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
V107 **SSE** **1/2 - 1 Mile** **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:	~~		

	Database	EDR ID Number
V108 **SSE** **1/2 - 1 Mile** **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:	~~		

	Database	EDR ID Number
V109 **SSE** **1/2 - 1 Mile** **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:	~~		

	Database	EDR ID Number
V110 **SSE** **1/2 - 1 Mile** **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 **SSE** **1/2 - 1 Mile** **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:	~~		

	Database	EDR ID Number
V112 **SSE** **1/2 - 1 Mile** **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 **SSE** **1/2 - 1 Mile** **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 **SSE** **1/2 - 1 Mile** **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
SSE
1/2 - 1 Mile
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
ESE
1/2 - 1 Mile
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
ESE
1/2 - 1 Mile
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
ESE
1/2 - 1 Mile
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		

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
ESE
1/2 - 1 Mile
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		

Y123
NW
1/2 - 1 Mile
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:	~~		

Y124
NW
1/2 - 1 Mile
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		

W125
ESE
1/2 - 1 Mile
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		

Z126
SE **IL WELLS** **ILSG40000345039**
1/2 - 1 Mile
Lower

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		

Y127
NW **IL WELLS** **ILSG40000346427**
1/2 - 1 Mile
Lower

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		

AA128
WSW **IL WELLS** **ILSG40000356278**
1/2 - 1 Mile
Lower

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
SE
1/2 - 1 Mile
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		

130
SSW
1/2 - 1 Mile
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		

X131
ESE
1/2 - 1 Mile
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		

AA132
WSW
1/2 - 1 Mile
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		

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		

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		

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

AA136
WSW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000350997**

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		

AB137
SSE
1/2 - 1 Mile
Higher

IL WELLS **ILSG40000345034**

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		

AB138
SSE
1/2 - 1 Mile
Higher

IL WELLS **ILSG40000345051**

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
SE
1/2 - 1 Mile
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:	~~		

AC140
East
1/2 - 1 Mile
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
ESE
1/2 - 1 Mile
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
ESE
1/2 - 1 Mile
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
ESE
1/2 - 1 Mile
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		

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
East
1/2 - 1 Mile
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		

147
SSW
1/2 - 1 Mile
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:	~~		

148
NW
1/2 - 1 Mile
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		

149
NE
1/2 - 1 Mile
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		

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		

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		

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
NE
1/2 - 1 Mile
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:	~~		

AF154
NE
1/2 - 1 Mile
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:	~~		

AG155
SSE
1/2 - 1 Mile
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		

AG156
SSE
1/2 - 1 Mile
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		

157
ESE **IL WELLS** **ILSG40000354213**
1/2 - 1 Mile
Lower

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		

158
SE **IL WELLS** **ILSG40000334138**
1/2 - 1 Mile
Lower

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		

AF159
NE **IL WELLS** **ILPW56056**
1/2 - 1 Mile
Lower

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
Direction
Distance
Elevation

Database	EDR ID Number
IL WELLS	**ILPW55982**

AF160
NE
1/2 - 1 Mile
Lower

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

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

www.nstengr.com

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

www.nstengr.com

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



Expires 11/30/2023

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

www.nstengr.com

GEOTECHNICAL EXPLORATION REPORT/ FEASIBILITY STUDY FOR Water Main Improvements and Pavement Thickness Determination at Various Locations Crest Hill, IL

PROJECT NUMBER 2023-1301-04G

INTRODUCTION 1

SCOPE OF SERVICES 1

FIELD EXPLORATION PROCEDURES 2

LABORATORY TESTING AND CLASSIFICATION 2

SITE CONDITIONS 3
- Topography/Surface Features 3
- Soil Conditions 3
- Groundwater Conditions 5

REVIEW AND RECOMMENDATIONS 5
- Discussion 5
- Site Preparation 6
- Pipe Subgrade 6
- Trenchless Excavation 7
- Pipe Corrosion Potential 7

CONSTRUCTION CONSIDERATIONS 8
- Groundwater 8
- Equipment Selection/Soil Disturbance 8
- Winter Construction 8
- Construction Safety 9
- Field Observation and Testing 9

GENERAL QUALIFICATIONS 9

STANDARD OF CARE 10

APPENDIX 11

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

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.

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

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.

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

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.

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

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.

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

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

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

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.

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

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.

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

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.

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

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.

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

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

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

APPENDIX

SITE LOCATION DIAGRAM (Plate No. 1)

BORING LOCATION DIAGRAMS (Plate No. 2)

BORING LOGS (Plate No. 3 to 12)

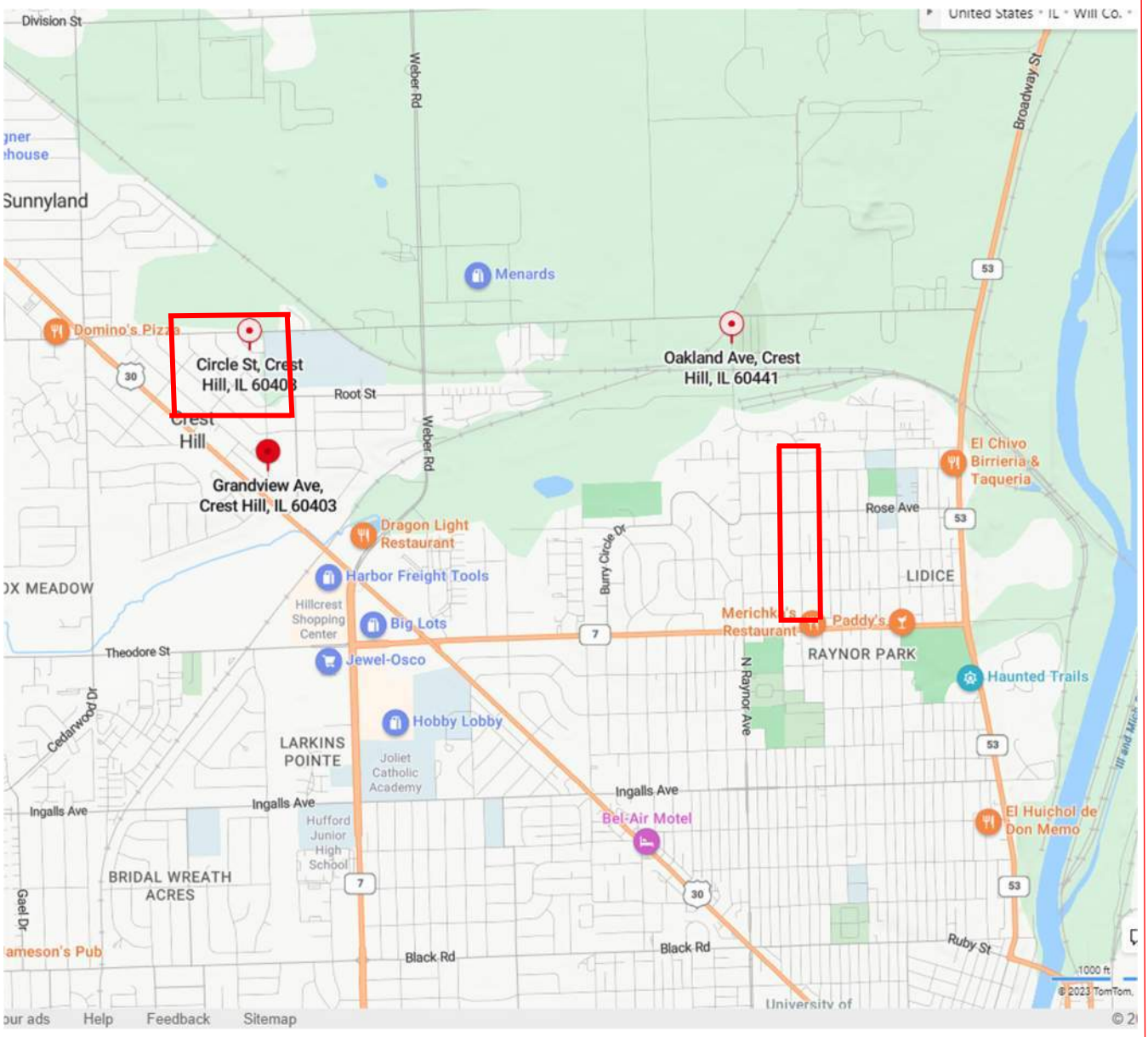
PAVEMENT CORE DATA (Plate 13)

KEY TO TEST DATA

CLASSIFICATION OF SOILS

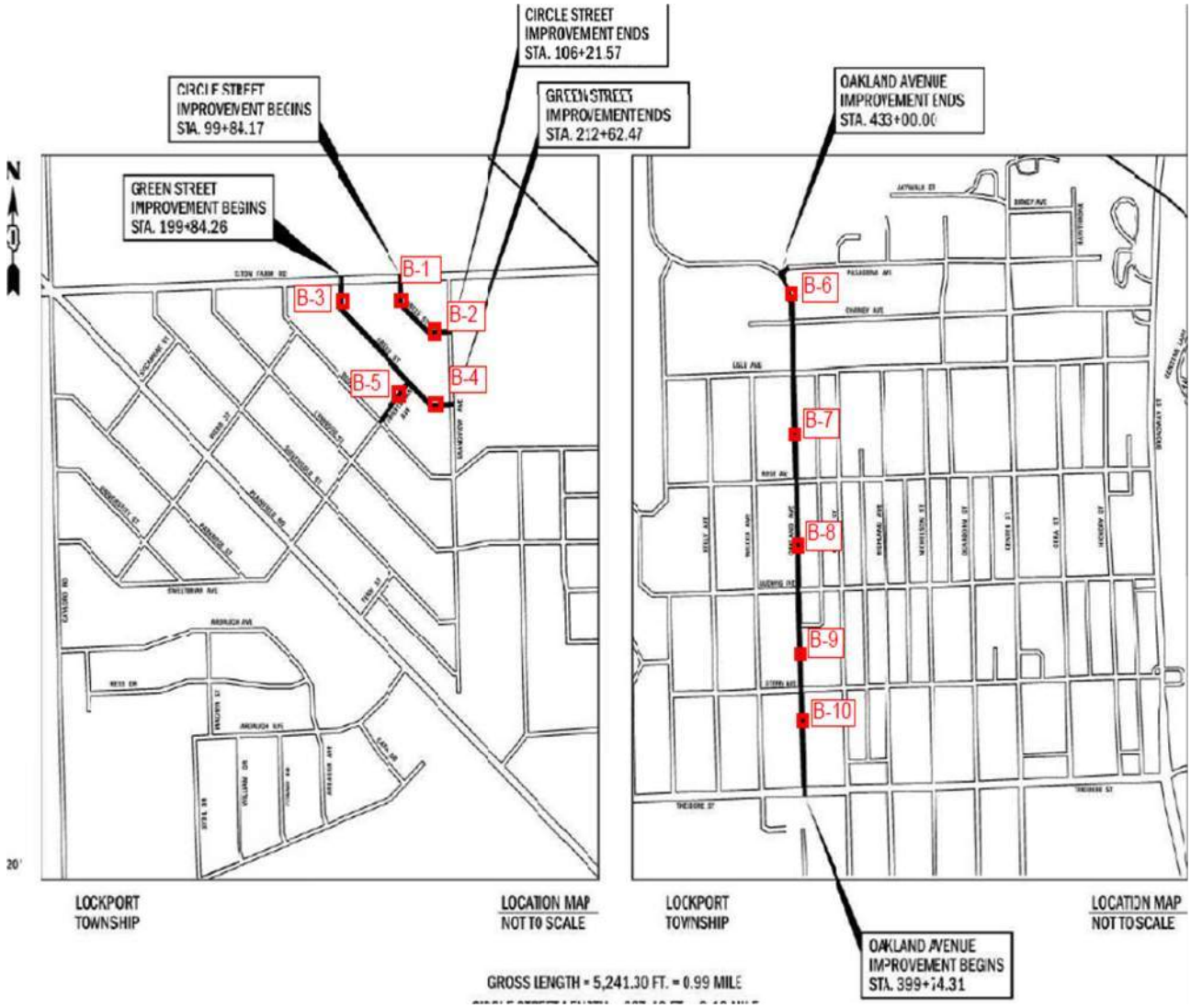
NOTES ON PLACEMENT OF COMPACTED FILL

23856 W. Andrew Rd., Unit 103, Plainfield, IL 60585, Phone: (630) 780-5201, Fax: (630) 429-9099



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

NST NASHnal SOIL TESTING

23856 W. Andrew Rd, Unit 103, Plainfield,

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			**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		CL		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

NASHnal SOIL TESTING

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

NST NASHnal SOIL TESTING

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		CL	**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		CL	**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			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		CL	**Grey Lean Clay (CL)**	610.00
4	SS	2.25	13.0	15.5	9	9.5			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

NST NASHnal SOIL TESTING

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		CL	**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		CL	**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				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		CL	**Grey Lean Clay (CL)**	613.00
4	SS	4.50	18.0	15.3	13	9.5			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

NST NASHnal SOIL TESTING

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		CL	**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		CL	**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

NASHnal SOIL TESTING

23856 W. Andrew Rd, Unit 103, Plainfield,

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

NST 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		CL	**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			**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		CL	**Brown & Grey Lean Clay (CL)**	615.00
4	SS	3.00	16.0	21.7	15	9.5			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

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		CL	**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		CL	**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			**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				638.00
						1.5		CL	**Dark Brown Lean Clay (CL)**	637.50
1	SS	3.75	10.0	22.5	8	2.0			Trace Gravel-Very Stiff	637.00
						2.5			**Unit Weight 99.9 pcf**	636.50
						3.0				636.00
						3.5				635.50
						4.0		CL	**Brown Lean Clay (CL)**	635.00
2	SS	3.25	18.0	23.3	6	4.5			Trace Gravel-Very Stiff	634.50
						5.0			**Unit Weight 103.3 pcf**	634.00
						5.5				633.50
						6.0				633.00
						6.5			Hard	632.50
3	SS	4.50	17.0	18.0	6	7.0			**Unit Weight 113.4 pcf**	632.00
						7.5				631.50
						8.0				631.00
						8.5				630.50
						9.0				630.00
4	SS	4.25	4.0	19.0	10	9.5			Hard	629.50
						10.0			**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

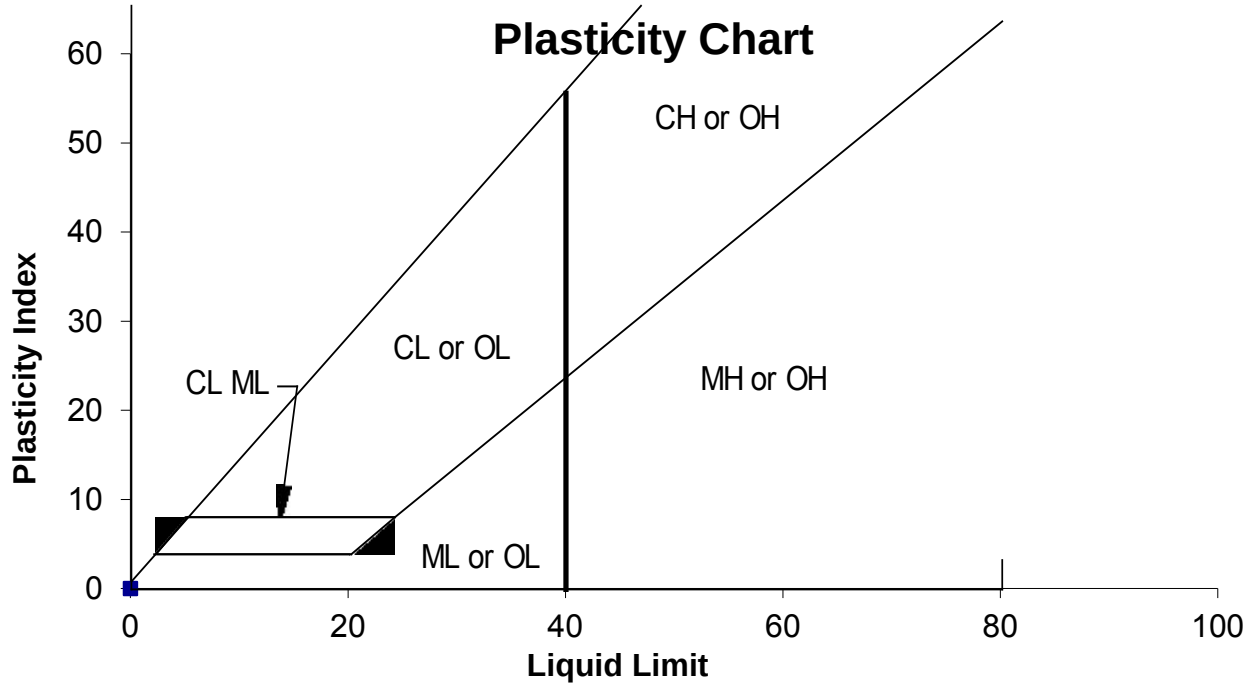
Unconfined Comp. Strength, Qu, tsf	Consistency
<0.25	Very Soft
0.25— 0.49	Soft
0.50 — 0.99	Medium (Firm)
1.00— 1.99	Stiff
2.00 — 3.99	Very Stiff
4.00 — 8.00	Hard
>8.00	Very Hard

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.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	1
CONTRACT NO.		

PROPOSED WATERMAIN PLANS

OAKLAND AVENUE
CITY OF CREST HILL
WILL COUNTY, ILLINOIS

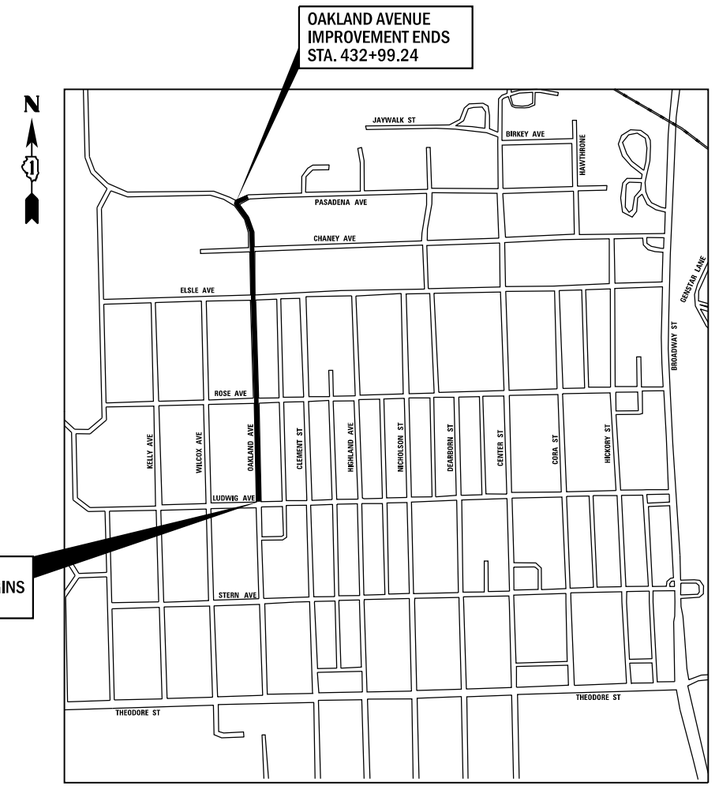
INDEX OF SHEETS:

1	COVER SHEET
2	GENERAL NOTES
3-6	SUMMARY OF QUANTITIES
7	ALIGNMENT, TIES AND BENCHMARKS
8-10	TYPICAL SECTIONS
11-12	EXISTING CONDITIONS PLAN
13-17	REMOVAL PLAN
18-21	DRAINAGE AND UTILITY PLAN
22	UTILITY CROSSING CONFLICT CHART
23-27	RESTORATION AND PAVEMENT MARKING PLAN
28-32	EROSION CONTROL PLAN
33-37	CROSS SECTIONS
38-59	DETAILS

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

CITY OF CREST HILL CONTACTS:

CITY ENGINEER: RONALD J. WIEDEMAN, P.E.
(815)-741-5122



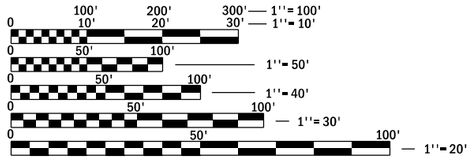
LOCKPORT TOWNSHIP

LOCATION MAP
NOT TO SCALE



LOCATION OF SECTION INDICATED THUS: -

GROSS LENGTH = 2,010.35 FT. = 0.38 MILE
OAKLAND AVENUE LENGTH = 2,010.35 FT. = 0.38 MILE



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

V3
JASON D. HOLY
062-059941

DATE: 11-11-2024

JASON D. HOLY 062-059941 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

EXPIRATION DATE: 11-30-2025

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 60523	NAPERVILLE, IL 60563
(779) 231-0625	(224) 229-5862	(224) 239-7693

TELEPHONE	WATER AND SEWER
AT&T	CITY OF CREST HILL
TOM LASKOWSKI	BLAINE KLINE
1000 COMMERCE DRIVE	2090 OAKLAND AVENUE
OAK BROOK, IL 60523	CREST HILL, IL 60403
(630) 779-4722	(815)-741-7108

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 NEW CONSTRUCTION, 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.

REMOVALS AND PAVING NOTES

15. 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.

16. 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.

17. 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.

18. 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.

19. ALL CURB RADII REFER TO EDGE OF PAVMENT UNLESS OTHERWISE NOTED.

20. ASPHALT JOINTS FOR BINDER COURSES ARE TO BE STAGGERED.

21. 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.

22. 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

22. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE MAINTENANCE OF TRAFFIC NOTES AND PROTECTION SECTION 701 OF THE STANDARD SPECIFICATIONS.

23. 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."

24. ALL SIGNS SHALL BE IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS, LATEST EDITION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.

25. 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.

26. THE CONTRACTOR SHALL PERFORM ALL WORK BETWEEN THE WEEKDAY HOURS OF 7:00AM AND 5:00PM, UNLESS OTHERWISE ALLOWED BY THE ENGINEER.

27. ALL TRAFFIC CONTROL DEVICES SHALL BE MAINTAINED THROUGH THE COMPLETION OF THE CONTRACT.

28. SIGNAGE SHOWN ON THE MOT PLANS THAT ARE IN CONFLICT WITH EXISTING SIGNAGE WILL BE REQUIERED 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.

29. 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.

30. 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.)

31. 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.

32. 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

33. 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.

34. 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.

35. 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.

36. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES LOCATED IN THE GUTTER ARE GIVEN AT THE EDGE OF PAVEMENT.

37. 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.

38. 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.

39. THE COST OF MAKING EXISTING STORM SEWER CONNECTIONS TO PROPOSED DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE DRAINAGE STRUCTURE BEING INSTALLED.

40. PROVIDE TRENCH BACKFILL IN ACCORDANCE WITH IDOT SPECIFICATIONS.

41. 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
701801-06	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
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	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	59	2

PROJECT NO. 230652

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-sht-GN01(OAKLAND).dgn

SPECIAL PROVISION	CODE NO.	ITEM	UNIT	OAKLAND AVENUE QUANTITY	ALTERNATIVE STREETS QUANTITY	TOTAL QUANTITY
	20101200	TREE ROOT PRUNING	EACH	9	1	10
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	360	255	615
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1080	760	1,840
	28000510	INLET FILTERS	EACH	23	26	49
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	360	255	615
	35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	625	8	633
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1405	18	1,423
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4828	5,209	10,037
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	30	156	186
	40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	6	1	7
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	400	430	830
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	605	649	1,254
	42000401	PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)	SQ YD	0	0	0
	42400800	DETECTABLE WARNINGS	SQ FT	100	50	150
*	44000100	PAVEMENT REMOVAL	SQ YD	1714	768	2,482
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	6529	7,575	14,104
	44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	1671	763	2,434
*	50100100	STRUCTURES TO BE REMOVED	EACH	1	0	1
	55100400	STORM SEWER REMOVAL 10"	FOOT	0	0	0
	55100500	STORM SEWER REMOVAL 12"	FOOT	38	0	38

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652-sht-SOQ01 (Oakland-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 1 OF 4 SHEETS | STA. | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	3

PROJECT NO. 230652

SPECIAL PROVISION	CODE NO.	ITEM	UNIT	OAKLAND AVENUE QUANTITY	ALTERNATIVE STREETS QUANTITY	TOTAL QUANTITY
	55100700	STORM SEWER REMOVAL 15"	FOOT	44	0	44
	55101100	STORM SEWER REMOVAL 21"	FOOT	129	0	129
*	56103000	DUCTILE IRON WATER MAIN, 6"	FOOT	201	0	201
*	56103100	DUCTILE IRON WATER MAIN, 8"	FOOT	2211	0	2,211
*	56105000	WATER VALVES, 8"	EACH	9	0	9
*	56400500	FIRE HYDRANT TO BE REMOVED	EACH	2	0	2
*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	6	0	6
*	56500800	DOMESTIC WATER SERVICE BOX	EACH	47	0	47
*	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	0	0	0
	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	0	0	0
*	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	0	0	0
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	0	1
	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	0	2
	60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	0	0	0
*	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9	0	9
	60500405	FILLING VALVE VAULTS	EACH	1	0	1
	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	100	0	100
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	450	0	450
	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	304	140	444
	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	167	128	295

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy
PLOT SCALE =
PLOT DATE = 3/11/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

REVISED -
REVISED -
REVISED -
REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

SUMMARY OF QUANTITIES
SCALE: NONE | SHEET 2 OF 4 SHEETS | STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	4

PROJECT NO. 230652

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-sht-SOO02 (Oakland)-north.dgn

SPECIAL PROVISION	CODE NO.	ITEM	UNIT	OAKLAND AVENUE QUANTITY	ALTERNATIVE STREETS QUANTITY	TOTAL QUANTITY
	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	0	0	0
	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	0	0	0
*	550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	38	0	38
	550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	44	0	44
	550A2550	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 21"	FOOT	168	0	168
*	X0324878	SANITARY SEWER SERVICE ADJUSTMENT	FOOT	75	0	75
*	X1200221	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE)	EACH	6	0	6
*	X2080250	TRENCH BACKFILL, SPECIAL	CU YD	5778	0	5,778
*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	175	0	175
	X5610656	WATER MAIN TO BE ABANDONED, 6"	FOOT	2020	0	2,020
	X5610706	WATER MAIN REMOVAL, 6"	FOOT	100	0	100
	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	6	7	13
	X6026622	VALVE VAULTS TO BE REMOVED	EACH	1	0	1
*	X6026632	VALVE BOXES TO BE REMOVED	EACH	2	0	2
*	X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L SUM	0.60	0.35	1
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	0.60	0.35	1
*	Z0018400	STORM STRUCTURES TO BE ADJUSTED	EACH	14	1	15
*		PARKWAY RESTORATION - SODDING	SQ YD	1948	269	2,217
*		PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	SQ YD	702	247	949
*		COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	FOOT	2351	1,165	3,516

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-sht-SOQ03 (Oakland)-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 3 OF 4 SHEETS | STA. | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	5

PROJECT NO. 230652

SPECIAL PROVISION	CODE NO.	ITEM	UNIT	OAKLAND AVENUE QUANTITY	ALTERNATIVE STREETS QUANTITY	TOTAL QUANTITY
*		INSERTION VALVES, 8"	EACH	1	0	1
*		WATER SERVICE LINE, 1" (SHORT)	EACH	26	0	26
*		WATER SERVICE LINE, 1" (LONG)	EACH	26	0	26
*		CASH ALLOWANCE	UNITS	25000	0	25,000
*		SUMP LINE	FOOT	240	0	240
*		TEMPORARY ACCESS	EACH	43	5	48
*		FRAME AND LID TO BE ADJUSTED (SPECIAL)	EACH	1	11	12
*		WATER MAIN CASING SLEEVE	FOOT	20	0	20
*		PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)	SQ FT	4784	1,449	6,233
*		DUCTILE IRON WATERMAIN, "THEODORE ROAD", 8"	FOOT	0	0	0
*		DETOUR SIGNAGE, PHASE 1	EACH	0	0	0
*		DETOUR SIGNAGE, PHASE 2	EACH	0	0	0
*		CATCH BASIN (SPECIAL)	EACH	0	0	0
*		BRICK PAVER REMOVAL AND REINSTALLATION, SPECIAL	SQ FT	0	54	54

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

SUMMARY OF QUANTITIES

SCALE: NONE | SHEET 4 OF 4 SHEETS | STA. | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	6

PROJECT NO. 230652

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-sht-SOQ04 (Oakland)-north.dgn

THEODORE STREET

POT STA 399+00.00

SITE BENCHMARK 1
ELEVATION 651.492
NORTHEAST BOLT OF FIRE HYDRANT. SOUTH SIDE OF THEODORE STREET AND EAST LINE OF OAKLAND AVENUE EXTENDED
N: 1779525.611
E: 1048635.319

N: 1779474.072
E: 1048623.064

POT STA 500+00.00

POT STA 406+38.03

N: 1780211.705
E: 1045898.753

CP 116
SET CUT CROSS
ELEV. 643.66
N: 1780186.769
E: 1048616.643

OAKLAND AVE: STA 406+35.89
STERN AVE: STA 500+00.00

OAKLAND AVENUE

STERN AVENUE

LUDWIG AVENUE

OAKLAND AVE: STA 412+68.06
LUDWIG AVE: STA 604+39.55

CP 123
SET CUT CROSS
ELEV. 638.18
N: 1781164.226
E: 1048554.224

399 | 400+00 | 401 | 402 | 403 | 404 | 405+00 | 406 | 407 | 408 | 409 | 410+00 | 411 | 412 | 413 | 414 | 415+00 | 416

600 | 601 | 602 | 603 | 604 | 605+00 | 606

MATCHLINE SEE BELOW

MATCHLINE SEE ABOVE

ROSE AVENUE

OAKLAND AVE: STA 419+48.25
ROSE AVE: STA 704+40.00

CP 112
SET CUT CROSS
ELEV. 633.33
N: 1781542.130
E: 1048577.563

OAKLAND AVENUE

ELSIE AVENUE

OAKLAND AVE: STA 426+32.66
ELSIE AVE: STA 807+44.94

CP 119
SET CUT CROSS
ELEV. 619.06
N: 1782456.766
E: 1048515.866

PI STA 808+17.19

PI STA 806+84.27

POT STA 901+60.00

CHANEY COURT

POT STA 433+97.97

PT STA 433+35.36

PR CURVE OAKLAND 1

PC STA 430+01.11

N: 1782847.818
E: 1048367.416

N: 1782573.710
E: 1048527.527

OAKLAND AVE: STA 429+43.93
CHANEY CT: STA 1004+25.00

POT STA 1004+25.00

PI STA 431+87.69

PR CURVE OAKLAND 1
PI STA = 431+87.69
Δ = 63°25'24" (LT)
D = 18°58'29"
R = 301.96'
T = 186.58'
L = 334.25'
E = 52.99'
e = ____
TR = ____
SE RUN = ____
PC STA = 430+01.11
PT STA = 433+35.36

PASADENA AVENUE

417 | 418 | 419 | 420+00 | 421 | 422 | 423 | 424 | 425+00 | 426 | 427 | 428 | 429 | 430+00 | 431 | 432 | 433

701 | 702 | 703 | 704 | 705+00 | 706 | 707 | 801 | 802 | 803 | 804 | 805+00 | 806 | 807 | 808 | 809 | 810 | 901 | 900+00 | 1001 | 1002 | 1003 | 1004

N

1"=20' SCALE 0 20 40 60 FEET

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-shtAT802.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

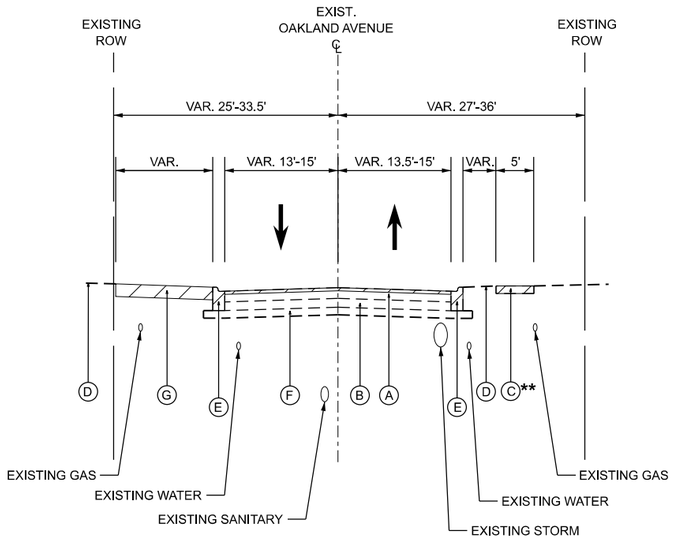
WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

ALIGNMENT, TIES, AND BANCHMARKS

SCALE: 1"=60" | SHEET 1 OF 1 SHEETS | STA. | TO STA.

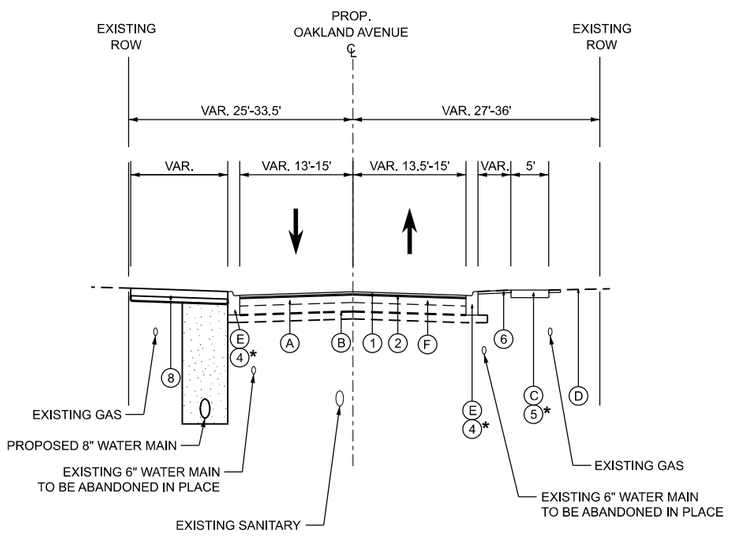
COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	7

PROJECT NO. 230652



EXISTING TYPICAL SECTION
OAKLAND AVENUE

STA 413+00.00 TO STA 432+99.24



PROPOSED TYPICAL SECTION
OAKLAND AVENUE

STA 413+00.00 TO STA 432+99.24

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+66.79 TO 426+03.93, 428+04.86 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+15.66, 426+57.38 TO 429+26.31, 429+66.12 TO 432+45.87, 432+78.67 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".

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652-sht-Typical#3-north.dgn

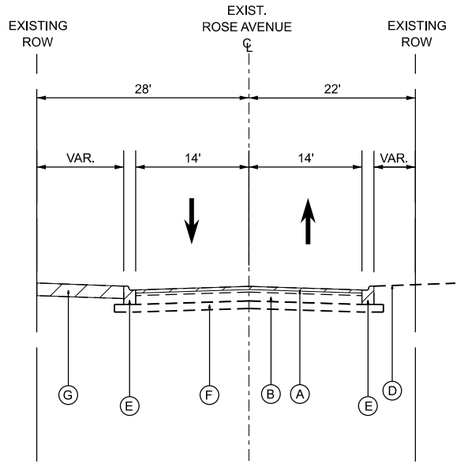
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

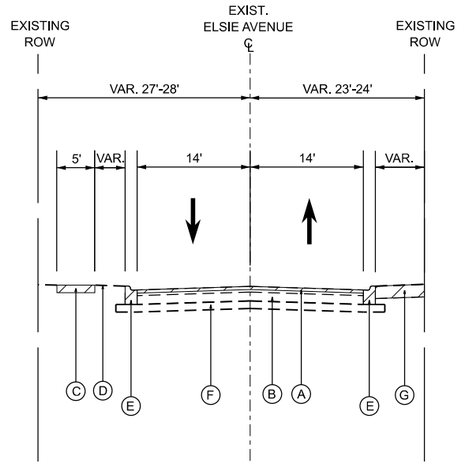
TYPICAL SECTIONS
SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	8

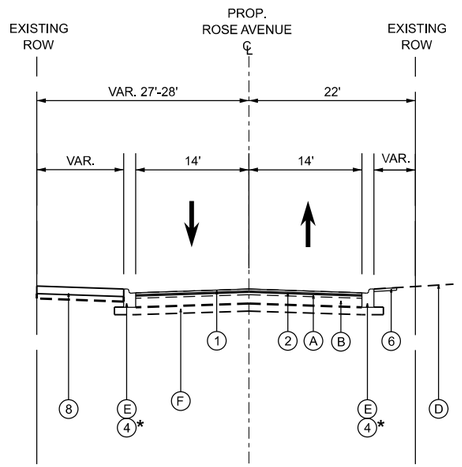
PROJECT NO. 230652



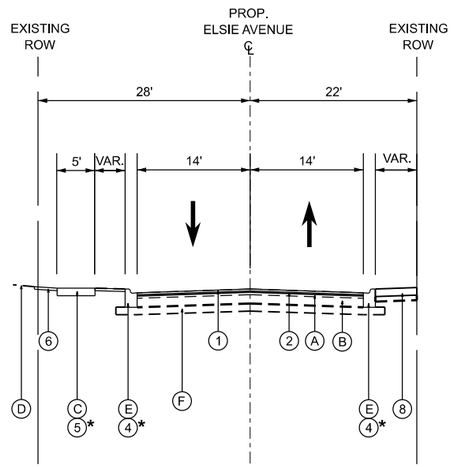
ALTERNATIVE WORK
EXISTING TYPICAL SECTION
ROSE AVENUE
STA 700+79.00 TO STA 708+03.00



ALTERNATIVE WORK
EXISTING TYPICAL SECTION
ELSIE AVENUE
STA 800+27.00 TO STA 811+32.00



ALTERNATIVE WORK
PROPOSED TYPICAL SECTION
ROSE AVENUE
STA 700+79.00 TO STA 708+03.00



ALTERNATIVE WORK
PROPOSED TYPICAL SECTION
ELSIE AVENUE
STA 800+27.00 TO STA 811+32.00

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+66.79 TO 426+03.93, 428+04.86 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+15.66, 426+57.38 TO 429+26.31, 429+66.12 TO 432+45.87, 432+78.67 TO 433+32.57

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	VOIDS
ROSE 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
ELSIE 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
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

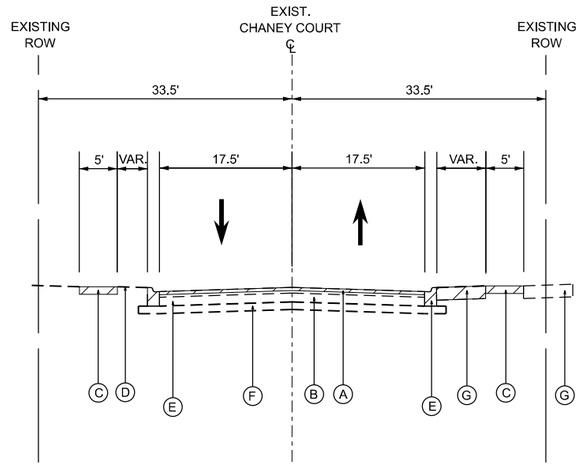
TYPICAL SECTIONS

SCALE: 1"=20" | SHEET 2 OF 3 SHEETS | STA. TO STA.

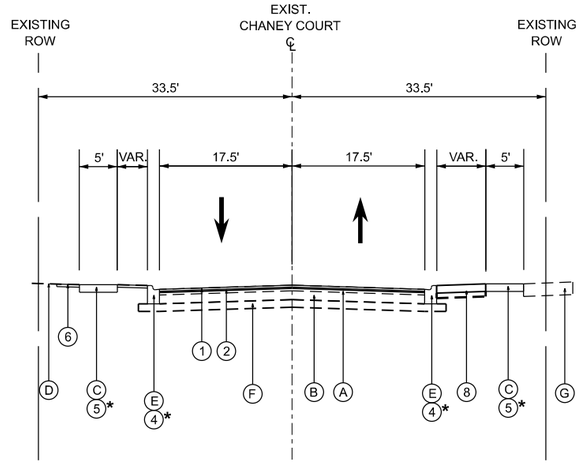
COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	9

PROJECT NO. 230652

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652-sht-Typical#5-north.dgn



ALTERNATIVE WORK
EXISTING TYPICAL SECTION
CHANEY COURT
STA 1000+28.00 TO STA 1003+68.00



ALTERNATIVE WORK
PROPOSED TYPICAL SECTION
CHANEY COURT
STA 1000+28.00 TO STA 1003+68.00

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+66.79 TO 426+03.93, 428+04.86 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+15.66, 426+57.38 TO 429+26.31, 429+66.12 TO 432+45.87, 432+78.67 TO 433+32.57

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	VOIDS
CHANEY COURT 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".

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652-sht-Typical06-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

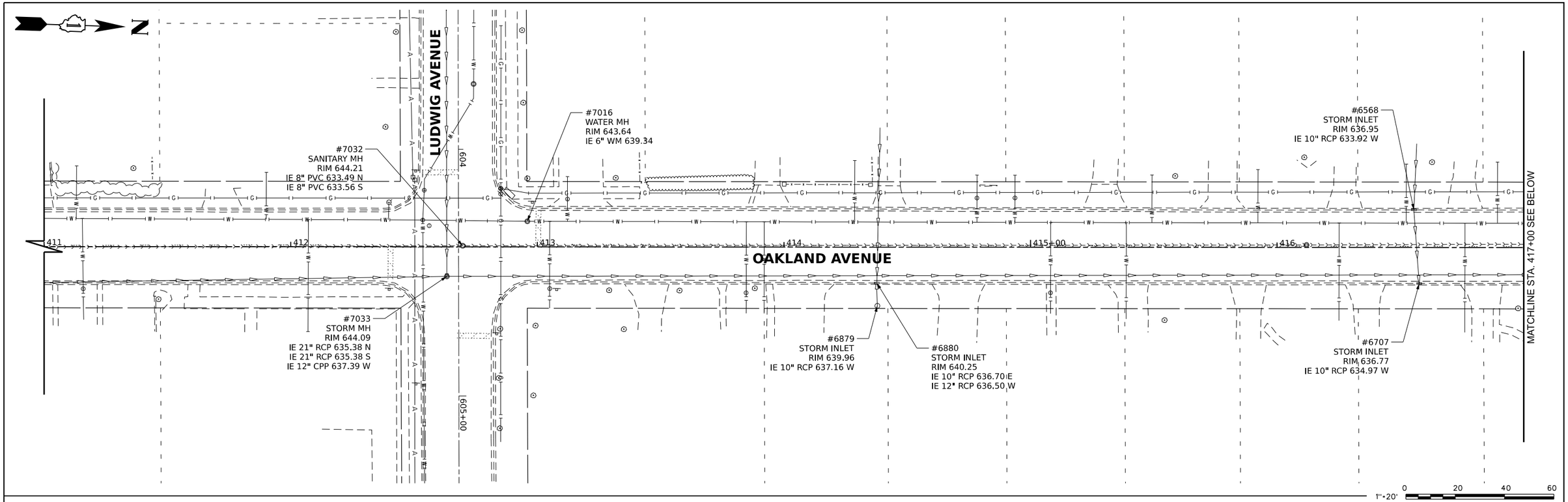
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

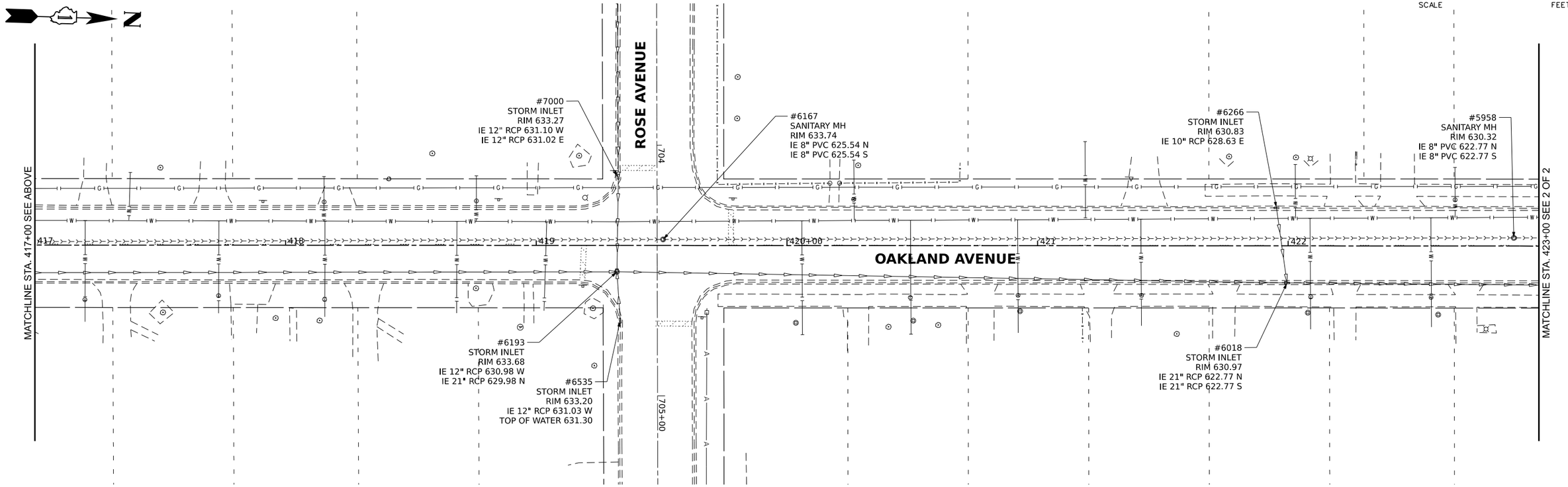
WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

TYPICAL SECTIONS
SCALE: 1"=20" | SHEET 3 OF 3 SHEETS | STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	10

PROJECT NO. 230652





V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

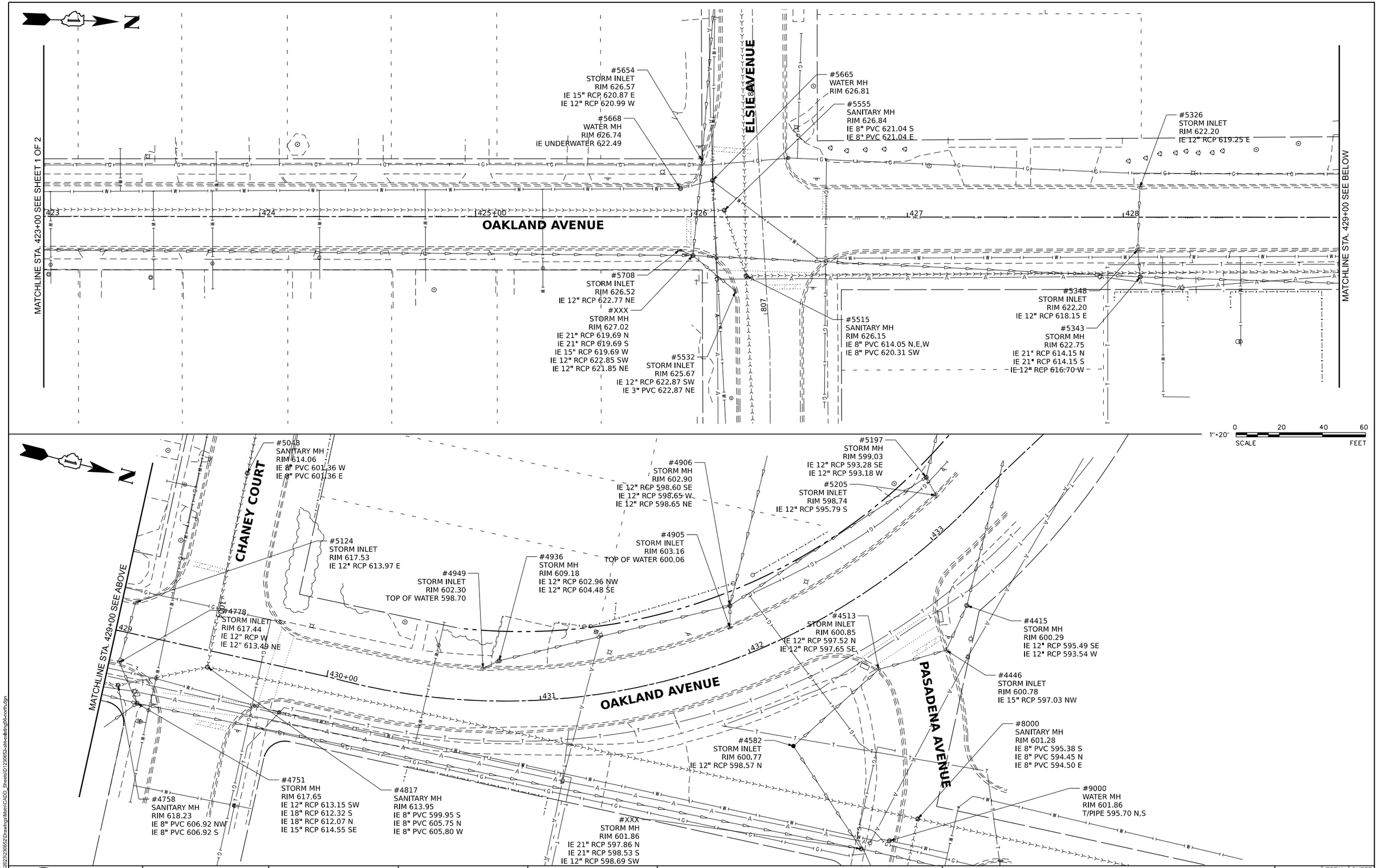
EXISTING CONDITIONS

SCALE: 1"=20" | SHEET 1 OF 2 SHEETS | STA. 411+00.00 TO STA. 423+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	11

PROJECT NO. 230652

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-sht-exist-sht-hyd05-north.dgn



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

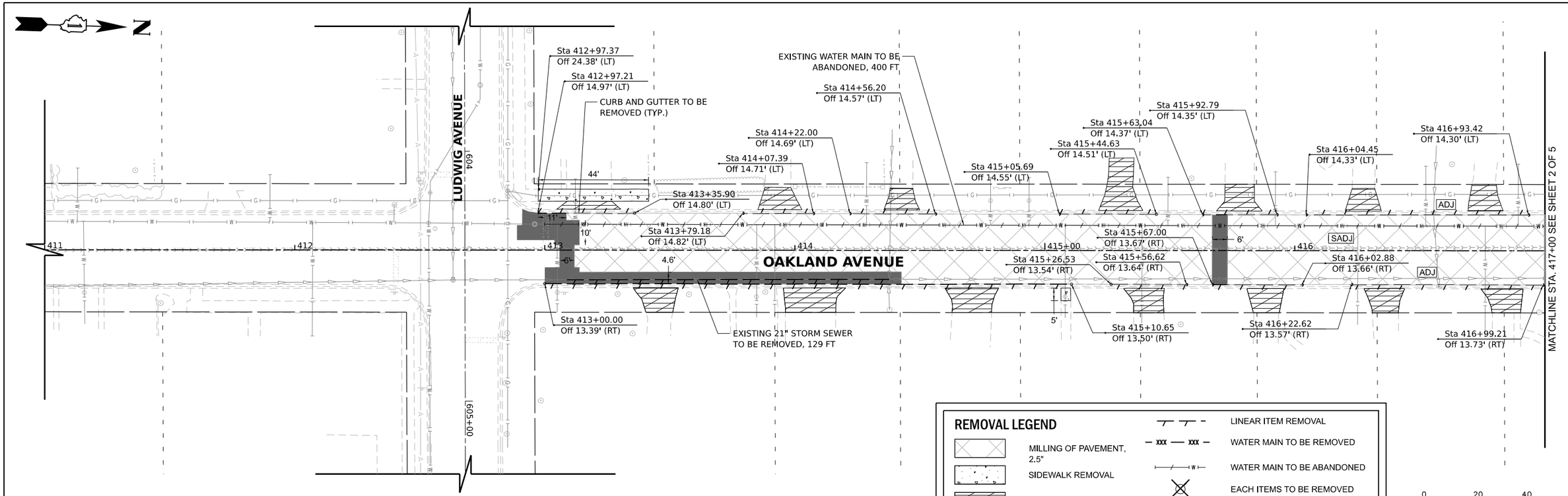
EXISTING CONDITIONS

SCALE: 1"=20" | SHEET 2 OF 2 SHEETS | STA. 423+00.00 TO STA. 433+50.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	12

PROJECT NO. 230652

MODEL: Default
FILE NAME: Nc2023\230652\Drawings\Main\CADD_Sheets\D1230652-alt-existing06-north.dgn



REMOVAL LEGEND

MILLING OF PAVEMENT, 2.5"	LINEAR ITEM REMOVAL
SIDEWALK REMOVAL	WATER MAIN TO BE REMOVED
DRIVEWAY REMOVAL	WATER MAIN TO BE ABANDONED
BUTT JOINT REMOVAL	EACH ITEMS TO BE REMOVED
PAVEMENT REMOVAL	ADJ — ADJUST STRUCTURE WITH NEW FRAME
	AS — ADJUST STRUCTURE, SPECIAL
	SADJ — ADJUST SANITARY STRUCTURE WITH NEW FRAME
	F — FILL STRUCTURE

1"=20' SCALE 0 20 40 60 FEET

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

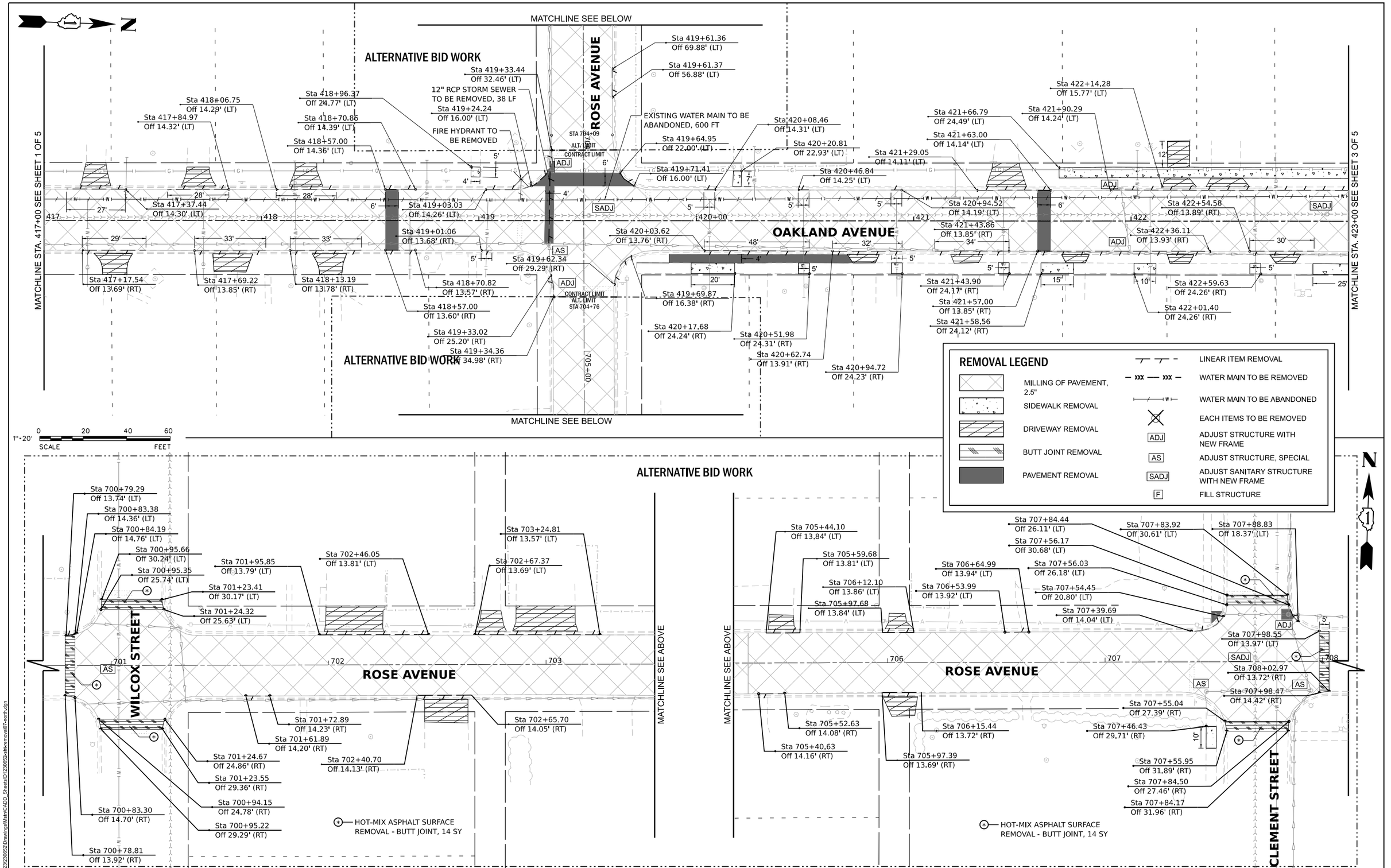
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

REMOVAL PLAN
SCALE: 1"=20" | SHEET 1 OF 5 SHEETS | STA. 411+00.00 TO STA. 417+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	13
PROJECT NO. 230652		

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstn\CADD_Sheets\D1230652-sht-removal06-north.dgn



MODEL: Default
FILE NAME: Nc2023\230652\Drawings\Mastr\CADD_Sheets\D1230652-alt-removal07-north.dgn

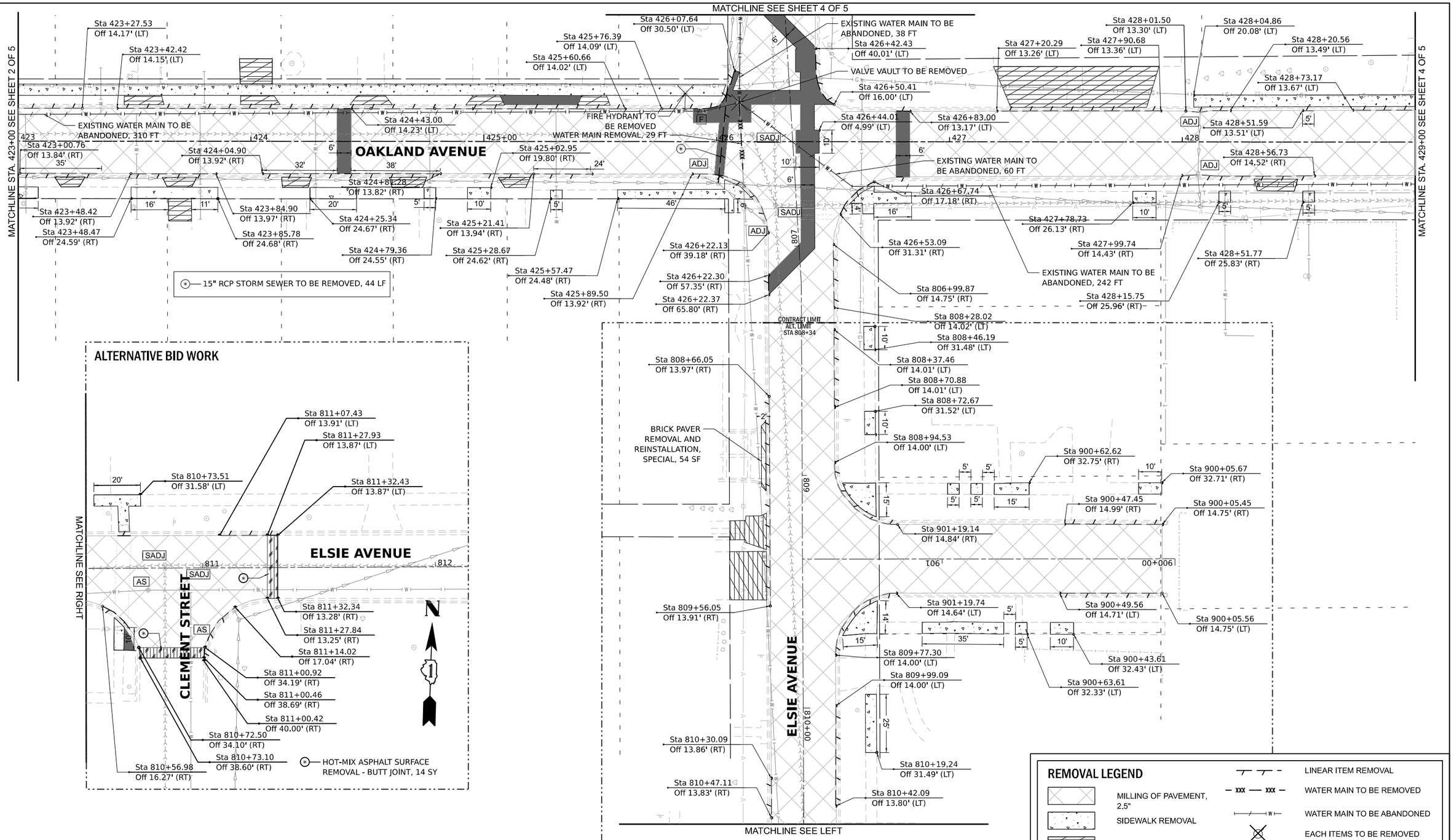
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

REMOVAL PLAN
SCALE: 1"=20" | SHEET 2 OF 5 SHEETS | STA. 417+00.00 TO STA. 423+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	14
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

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

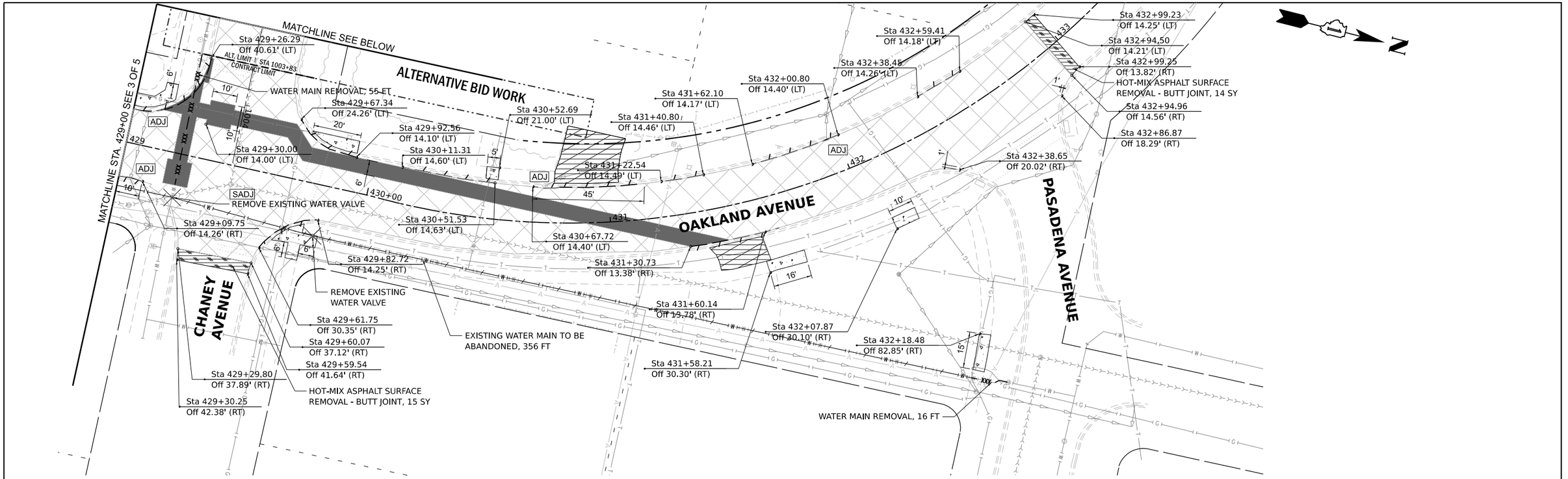
REMOVAL PLAN

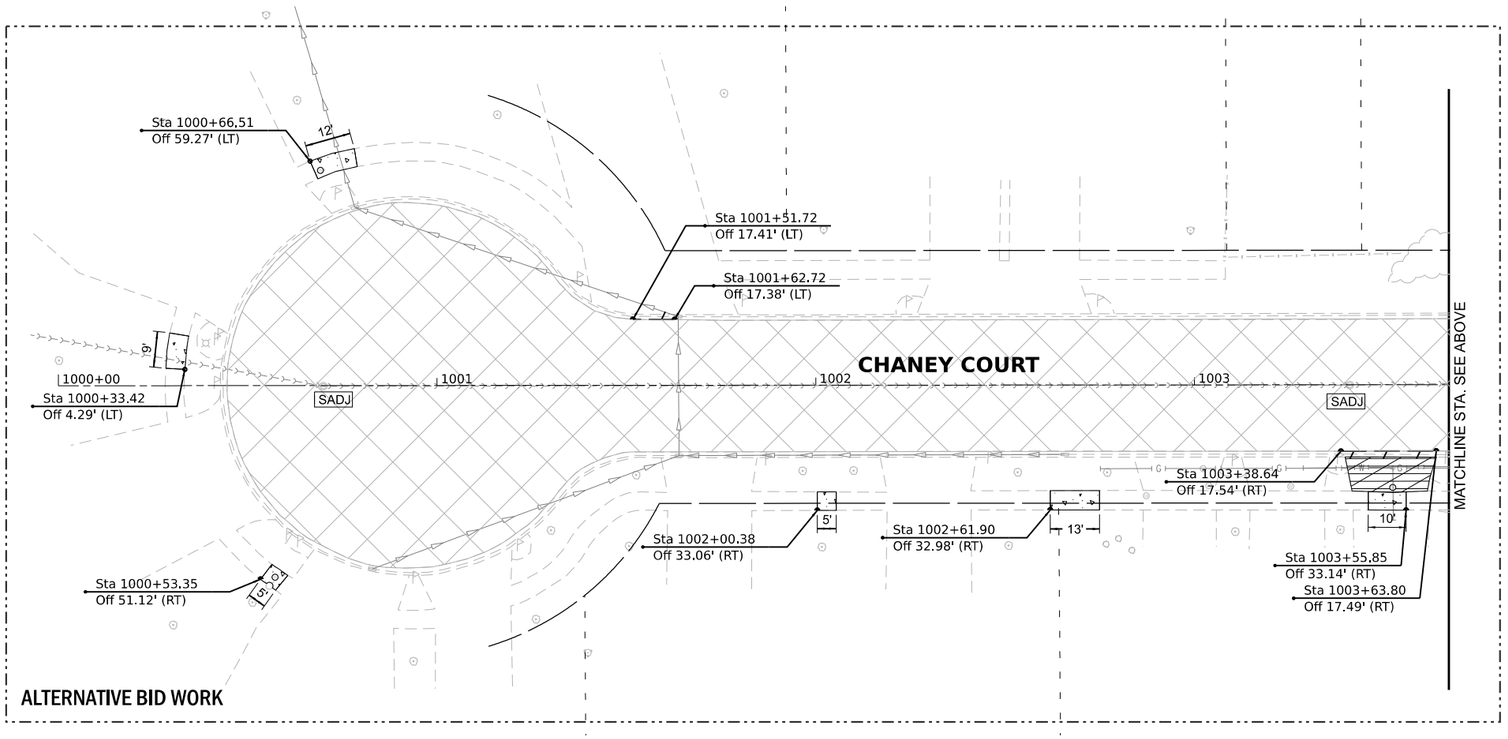
SCALE: 1"=20" | SHEET 3 OF 5 SHEETS | STA. 423+00.00 TO STA. 429+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	15

PROJECT NO. 230652

MODEL: Default
FILE NAME: N:\2022\230652\Drawings\Main\CADD_Sheets\D1230652e-stk-removal08-north.dgn







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

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

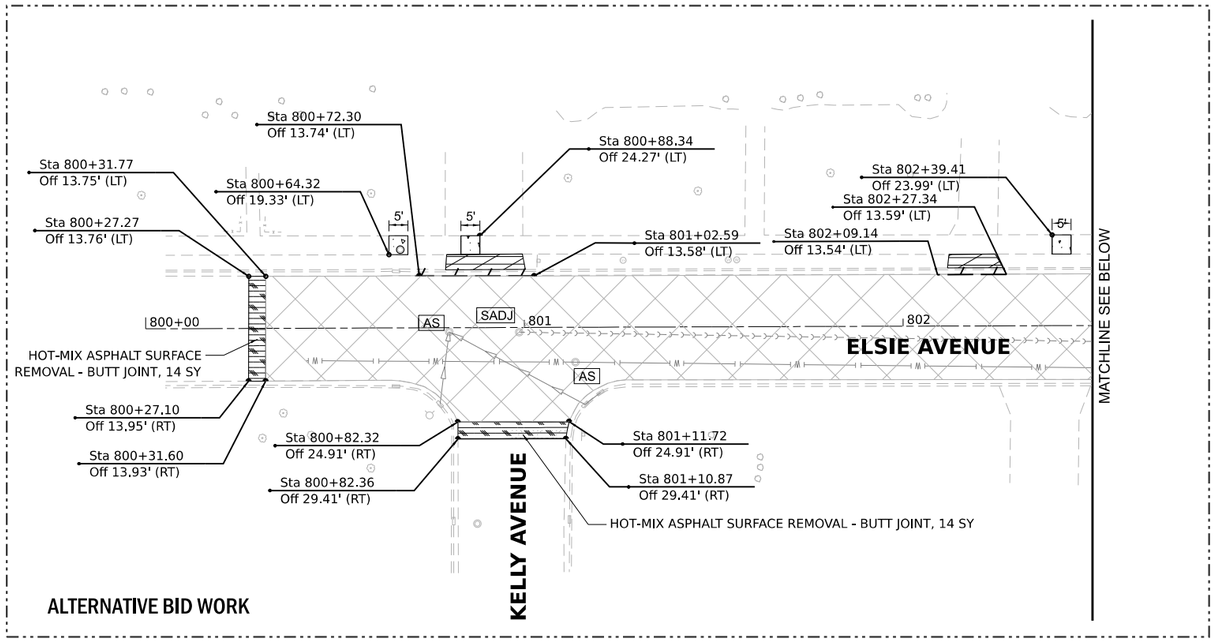
REMOVAL PLAN

SCALE: 1"=20" | SHEET 4 OF 5 SHEETS | STA. 429+00.00 TO STA. 433+50.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	16

PROJECT NO. 230652

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-alt-removal09-north.dgn



REMOVAL LEGEND

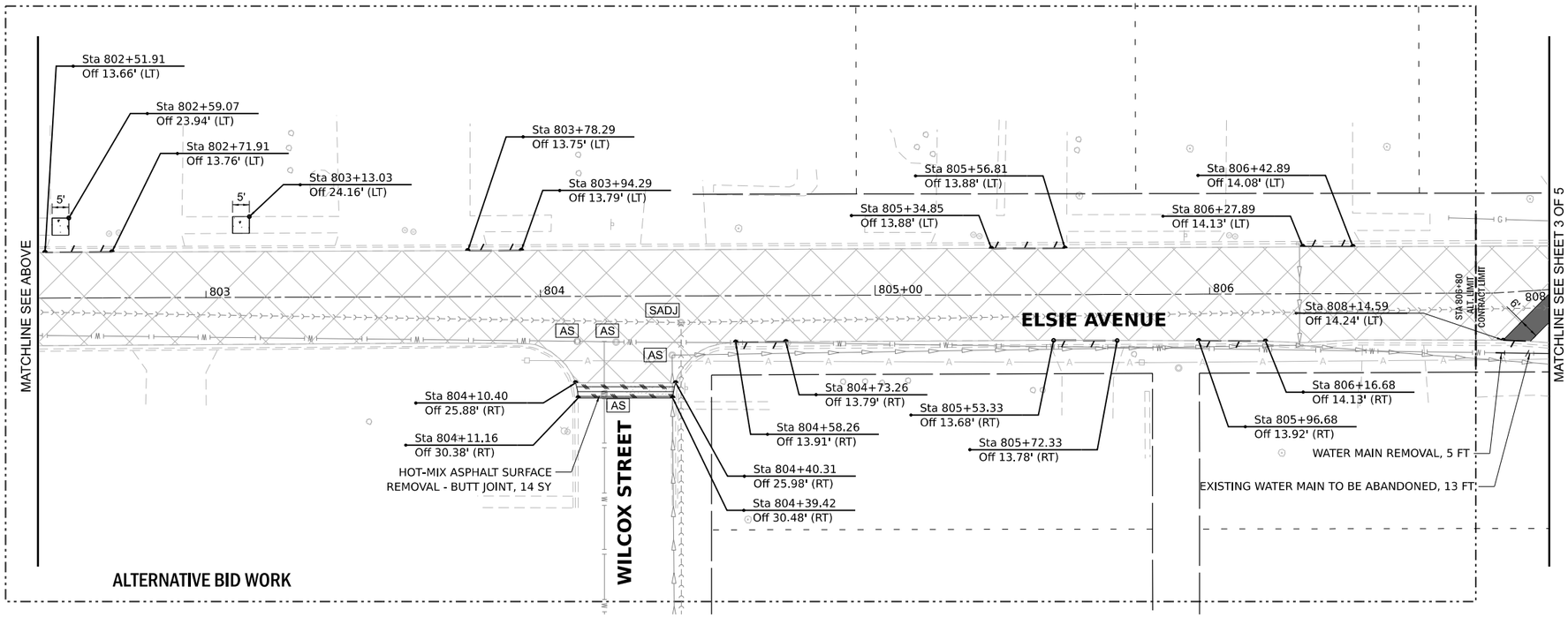
- MILLING OF PAVEMENT, 2.5"
- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- BUTT JOINT REMOVAL
- PAVEMENT REMOVAL
- LINEAR ITEM REMOVAL
- WATER MAIN TO BE REMOVED
- WATER MAIN TO BE ABANDONED
- EACH ITEMS TO BE REMOVED
- ADJ — ADJUST STRUCTURE WITH NEW FRAME
- AS — ADJUST STRUCTURE, SPECIAL
- SADJ — ADJUST SANITARY STRUCTURE WITH NEW FRAME
- F — FILL STRUCTURE

N

1" = 20'

0 20 40 60

SCALE FEET



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

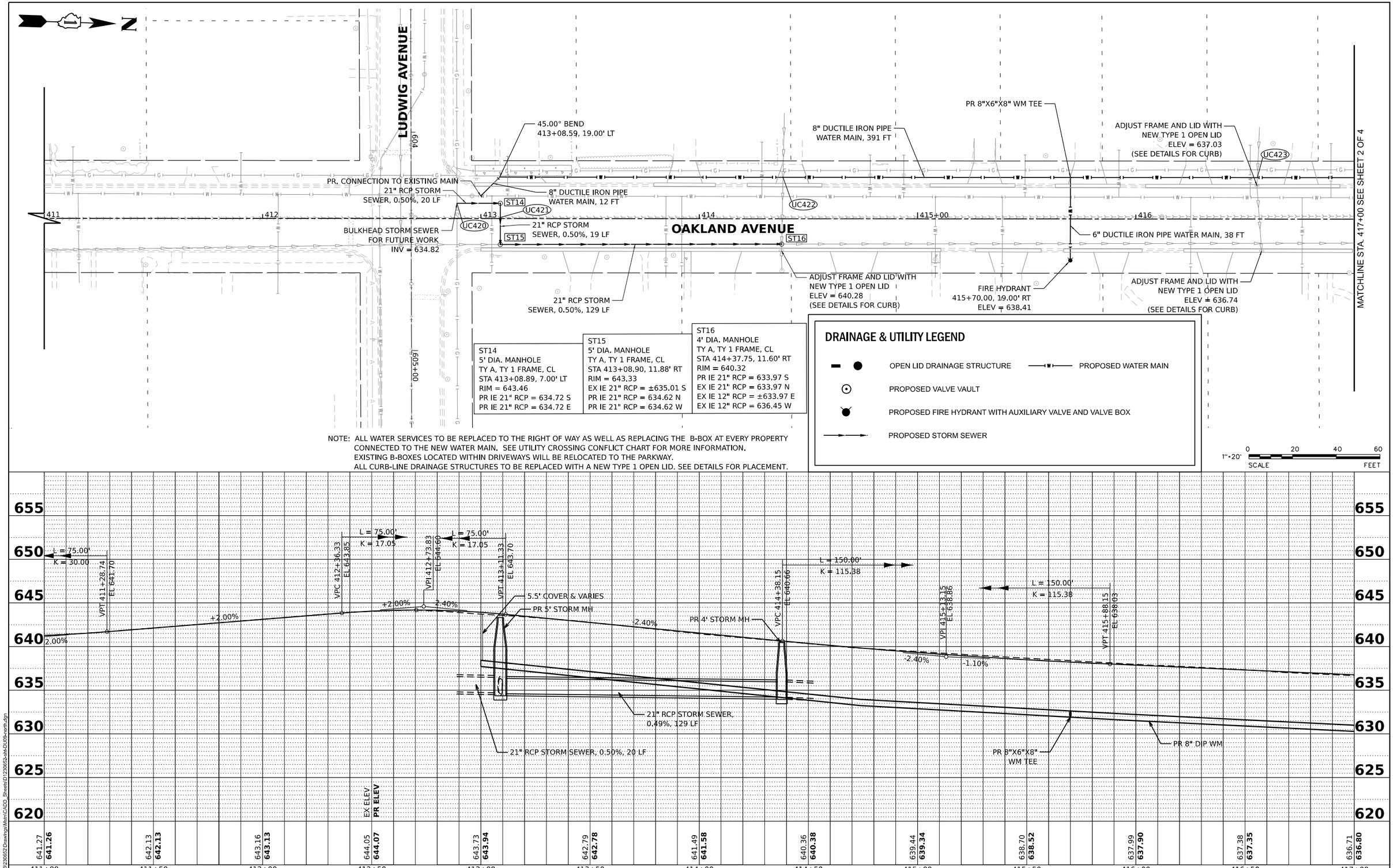
REMOVAL PLAN

SCALE: 1"=20' | SHEET 5 OF 5 SHEETS | STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	17

PROJECT NO. 230652

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652-altremoval10-north.dgn



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 = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

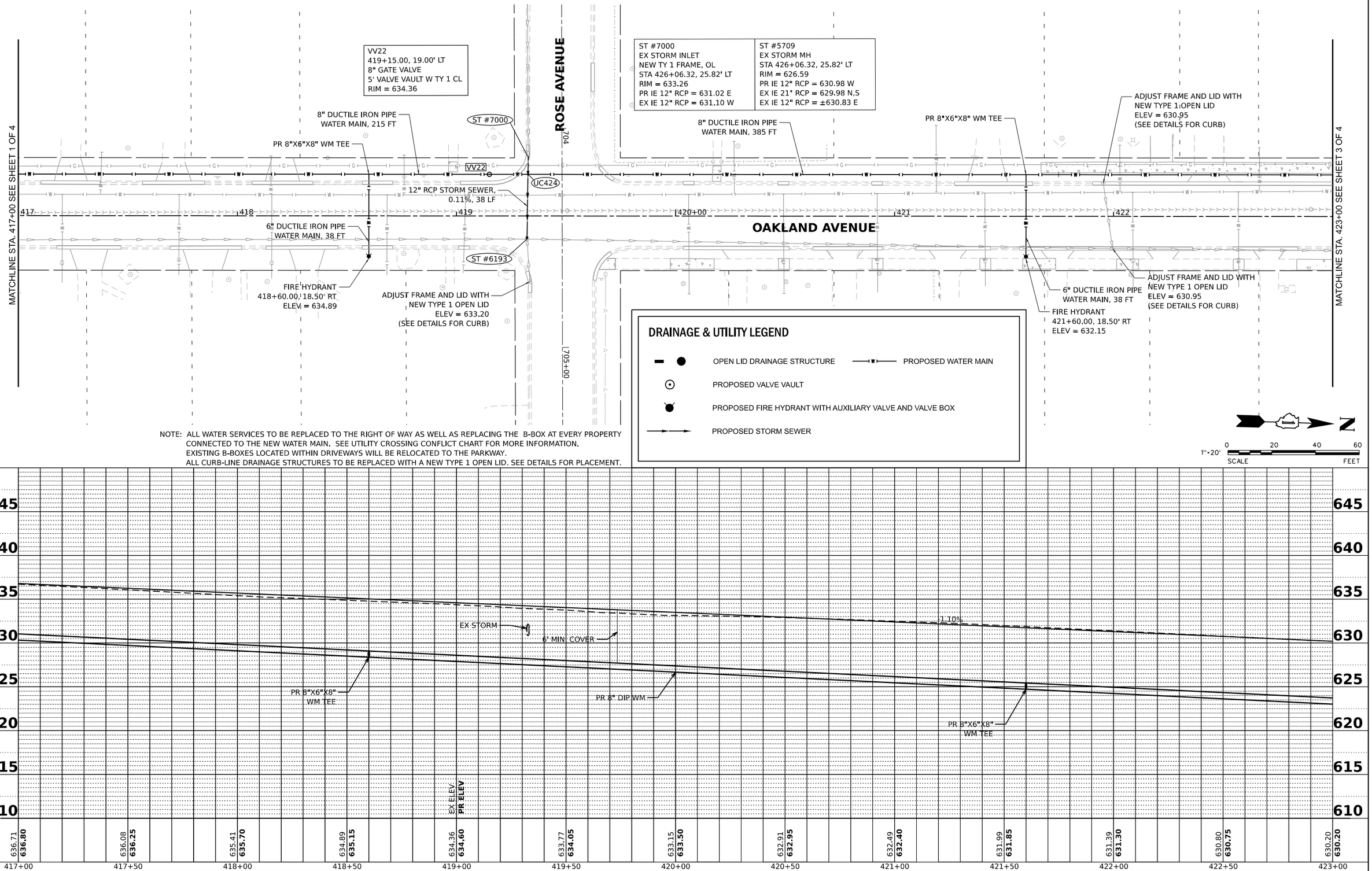
DRAINAGE AND UTILITY PLAN

SCALE: 1"=20" | SHEET 1 OF 4 SHEETS | STA. 411+00.00 TO STA. 417+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	18

PROJECT NO. 230652

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652-sht-DU09-north.dgn



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.

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-sht-Dt01o-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

DRAINAGE AND UTILITY PLAN

SCALE: 1"=20' | SHEET 2 OF 4 SHEETS | STA. 417+00.00 TO STA. 423+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	19

PROJECT NO. 230652

MATCHLINE STA. 423+00 SEE SHEET 2 OF 4

MATCHLINE STA. 429+00 SEE SHEET 4 OF 4

ST #5709	ST #5654
EX STORM MH	EX STORM INLET
STA 426+06.32, 25.82' LT	STA 426+06.32, 25.82' LT
RIM = 627.02	RIM = 626.59
PR IE 15" RCP = 619.69 W	PR IE 15" RCP = 619.84 E
EX IE 21" RCP = 619.69 N,S	EX IE 12" RCP = 620.99 W
EX IE 12" RCP = 621.85 SW,NE	

PR. CONNECTION TO EXISTING MAIN
8" DUCTILE IRON PIPE WATER MAIN, 5 FT
45.00° BEND
426+10.37, 68.23' LT
PR 8"X6"X8" WM TEE
8" DUCTILE IRON PIPE WATER MAIN, 280 FT
8" DUCTILE IRON PIPE WATER MAIN, 59 FT
6" DUCTILE IRON PIPE WATER MAIN, 39 FT
FIRE HYDRANT
424+40.00, 19.50' RT
ELEV = 628.35
15" RCP STORM SEWER, 0.34%, 44 LF
ADJUST FRAME AND LID WITH NEW TYPE 1 OPEN LID
ELEV = 626.53
(SEE DETAILS FOR CURB)
8" DUCTILE IRON PIPE WATER MAIN, 45 FT
ADJUST FRAME AND LID WITH NEW TYPE 1 OPEN LID
ELEV = 625.67
(SEE DETAILS FOR CURB)
8" DUCTILE IRON PIPE WATER MAIN, 40 FT
45.00° BEND
426+38.84, 40.00' LT
8" DUCTILE IRON PIPE WATER MAIN, 5 FT
8" DUCTILE IRON PIPE WATER MAIN, 16 FT
PR 8"X8"X8"X8" WM TEE
8" DUCTILE IRON PIPE WATER MAIN, 33 FT
8" DUCTILE IRON PIPE WATER MAIN, 228 FT
ADJUST FRAME AND LID WITH NEW TYPE 1 OPEN LID
ELEV = 622.25
(SEE DETAILS FOR CURB)
PR 8"X6"X8" WM TEE
6" DUCTILE IRON PIPE WATER MAIN, 38 FT
FIRE HYDRANT
426+80.00, 18.50' RT
ELEV = 626.02
8" DUCTILE IRON PIPE WATER MAIN, 19 FT
SLEEVE WATERMAIN
ADJUST FRAME AND LID WITH NEW TYPE 1 OPEN LID
ELEV = 622.25
(SEE DETAILS FOR CURB)
45.00° BEND
426+39.18, 44.59' RT
8" DUCTILE IRON PIPE WATER MAIN, 35 FT
45.00° BEND
426+14.44, 69.53' RT
8" DUCTILE IRON PIPE WATER MAIN, 5 FT
PR. CONNECTION TO EXISTING MAIN

OAKLAND AVENUE

ELSIE AVENUE

VV23	VV24	VV25	VV26
425+90.00, 19.00' LT	426+38.86, 35.00' LT	426+39.00, 0.00' RT	426+72.00, 19.00' LT
8" GATE VALVE	8" GATE VALVE	8" GATE VALVE	8" GATE VALVE
5' VALVE VAULT W TY 1 CL	5' VALVE VAULT W TY 1 CL	5' VALVE VAULT W TY 1 CL	5' VALVE VAULT W TY 1 CL
RIM = 627.15	RIM = 626.43	RIM = 626.47	RIM = 626.25

DRAINAGE & UTILITY LEGEND

- OPEN LID DRAINAGE STRUCTURE
- PROPOSED WATER MAIN
- PROPOSED VALVE VAULT
- PROPOSED FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX
- PROPOSED STORM SEWER

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.

1"=20' SCALE 0 20 40 60 FEET

PR 5' VALVE VAULT
PR 15" STORM
EX GAS
PR 8"X6"X8" WM TEE
PR 8" DIP WM
SLEEVE WATERMAIN
PR 8"X8"X8" WM TEE
VPC 426+62.29 EL 626.22
L = 200.00'
K = 51.28
-1.10%
-5.00%
VPT 427+62.29 EL 625.12
PR 5' VALVE VAULT
EX GAS
6' MIN. COVER
L = 200.00'
K = 51.28
VPT 428+62.29 EL 620.12
PR 5' VALVE VAULT

EX ELEV	PR ELEV
630.20	630.20
629.63	629.65
628.86	629.10
628.11	628.55
627.52	628.00
627.20	627.45
626.95	626.90
626.39	626.35
625.73	625.67
624.53	624.50
622.93	622.86
620.72	620.72
618.13	618.23

423+00 423+50 424+00 424+50 425+00 425+50 426+00 426+50 427+00 427+50 428+00 428+50 429+00

640 635 630 625 620 615 610 605

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-sht-DU11-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

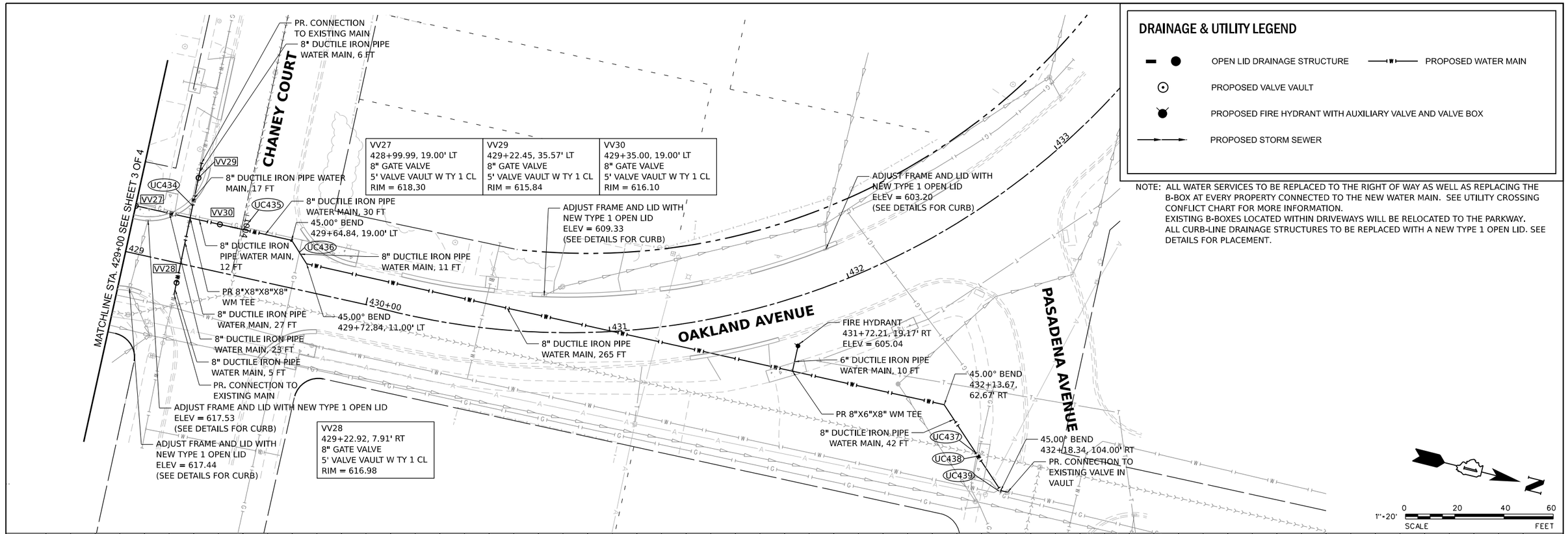
WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

DRAINAGE AND UTILITY PLAN

SCALE: 1"=20' | SHEET 3 OF 4 SHEETS | STA. 423+00.00 TO STA. 429+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	20

PROJECT NO. 230652



MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652-sht-DU12-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

DRAINAGE AND UTILITY PLAN

SCALE: 1"=20' | SHEET 4 OF 4 SHEETS | STA. 429+00.00 TO STA. 433+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	21

PROJECT NO. 230652

OAKLAND AVENUE								
CROSSING NUMBER	LOCATION		PIPE INFORMATION			INVERT ELEVATION	OUTER ELEVATION	CLEARANCE (FEET)
	STATION	OFFSET	STATUS	SIZE	TYPE			
UC420	412+89.04	7.00' LT	EXISTING	2"	GAS	640.60	640.56 BP	3.76
			PROPOSED	21" RCP	STORM	634.82	636.80 TP	
UC421	413+08.89	0.49' LT	PROPOSED	21" RCP	STORM	634.69	634.46 BP	0.72
			EXISTING	8" PVC	SANITARY	633.03	633.74 TP	
UC422	414+38.38	19.00' LT	PROPOSED	8" DIP	WATER	631.90	632.61 TP	1.50
			EXISTING	12" RCP	STORM	634.28	634.11 BP	
UC423	416+55.60	19.00' LT	PROPOSED	8" DIP	WATER	630.89	631.60 TP	2.19
			EXISTING	10" RCP	STORM	633.94	633.79 BP	
UC424	419+32.64	19.00' LT	PROPOSED	8" DIP	WATER	627.52	628.23 TP	2.61
			PROPOSED	12" RCP	STORM	631.01	630.84 BP	
UC425	426+02.85	3.06' LT	PROPOSED	15" RCP	STORM	619.76	621.07 TP	0.00
			EXISTING	8" PVC	SANITARY	621.11	621.07 BP	
UC426	426+04.22	19.00' LT	PROPOSED	8" DIP	WATER	617.42	618.13 TP	1.50
			PROPOSED	15" RCP	STORM	619.82	619.63 BP	
UC427	426+23.88	54.84' LT	PROPOSED	8" DIP	WATER	619.62	619.58 BP	4.35
			EXISTING	8" PVC	SANITARY	614.52	615.23 TP	
UC428	426+24.51	19.00' LT	PROPOSED	8" DIP	WATER	619.94	619.90 BP	4.87
			EXISTING	8" PVC	SANITARY	614.32	615.03 TP	
UC429	426+26.69	57.18' RT	PROPOSED	8" DIP	WATER	620.64	620.60 BP	5.20
			EXISTING	8" PVC	SANITARY	614.69	615.40 TP	
UC430	426+38.89	26.71' LT	PROPOSED	8" DIP	WATER	619.87	620.58 TP	2.73
			EXISTING	2"	GAS	623.35	623.31 BP	
UC431	426+39.08	19.74' RT	PROPOSED	8" DIP	WATER	616.22	616.93 TP	1.50
			EXISTING	21" RCP	STORM	618.66	618.43 BP	
UC432	426+39.11	27.18' RT	PROPOSED	8" DIP	WATER	616.22	616.18 BP	1.77
			EXISTING	8" PVC	SANITARY	613.70	614.41 TP	
UC433	426+62.41	19.00' LT	PROPOSED	8" DIP	WATER	619.57	620.28 TP	2.83
			EXISTING	2"	GAS	623.15	623.11 BP	
UC434	429+22.58	24.00' LT	PROPOSED	8" DIP	WATER	610.32	611.03 TP	2.00
			EXISTING	2" PE	GAS	613.07	613.03 BP	
UC435	429+44.65	19.00' LT	PROPOSED	8" DIP	WATER	609.20	609.16 BP	8.09
			EXISTING	8" PVC	SANITARY	600.36	601.07 TP	
UC436	429+68.99	14.85' LT	PROPOSED	8" DIP	WATER	607.97	608.68 TP	2.84
			EXISTING	2" W	GAS	611.56	611.52 BP	
UC437	432+16.44	86.11' RT	PROPOSED	8" DIP	WATER	593.94	594.65 TP	1.50
			EXISTING	8" PVC	SANITARY	596.19	596.15 BP	
UC438	432+16.58	87.35' RT	PROPOSED	8" DIP	WATER	593.94	594.65 TP	2.30
			EXISTING	2" W	GAS	596.99	596.95 BP	
UC439	432+17.76	103.77' RT	PROPOSED	8" DIP	WATER	595.48	596.19 TP	3.04
			EXISTING	2" W	GAS	599.27	599.23 BP	
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								

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652-sht-UCC02-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

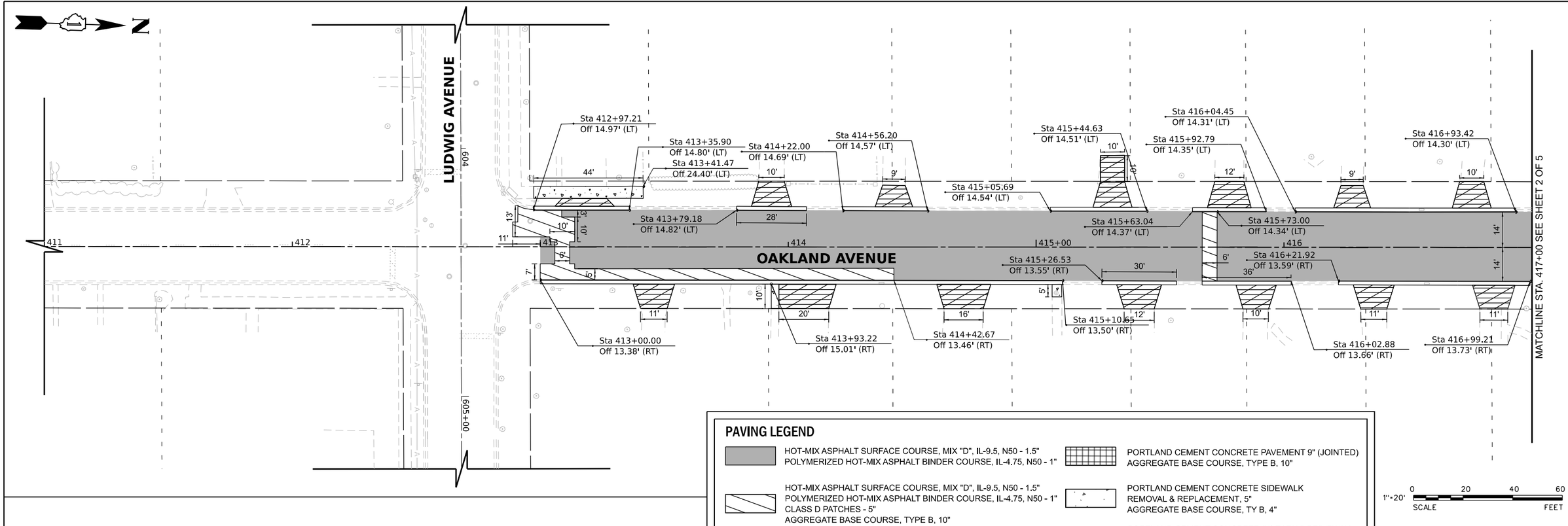
WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

UTILITY CROSSING CONFLICT CHART

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	22

PROJECT NO. 230652



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"

1"=20' SCALE 0 20 40 60 FEET

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-alt-restoration05-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

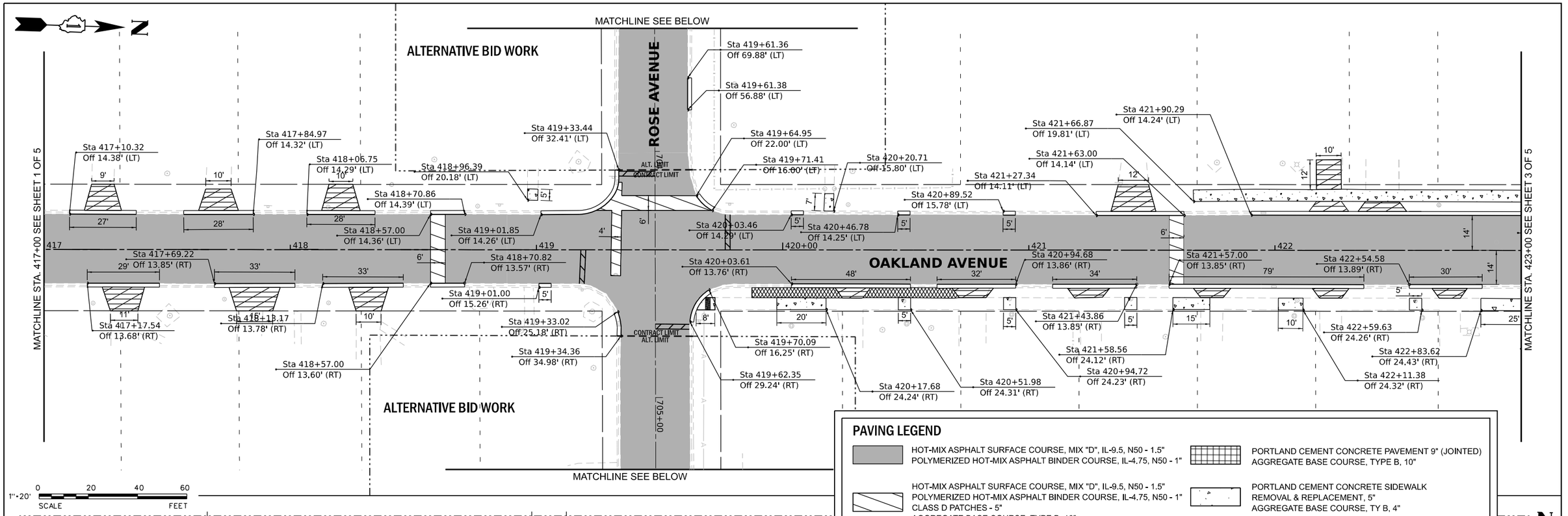
WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

RESTORATION PLAN

SCALE: 1"=20" | SHEET 1 OF 5 SHEETS | STA. 411+00.00 | TO STA. 417+00.00

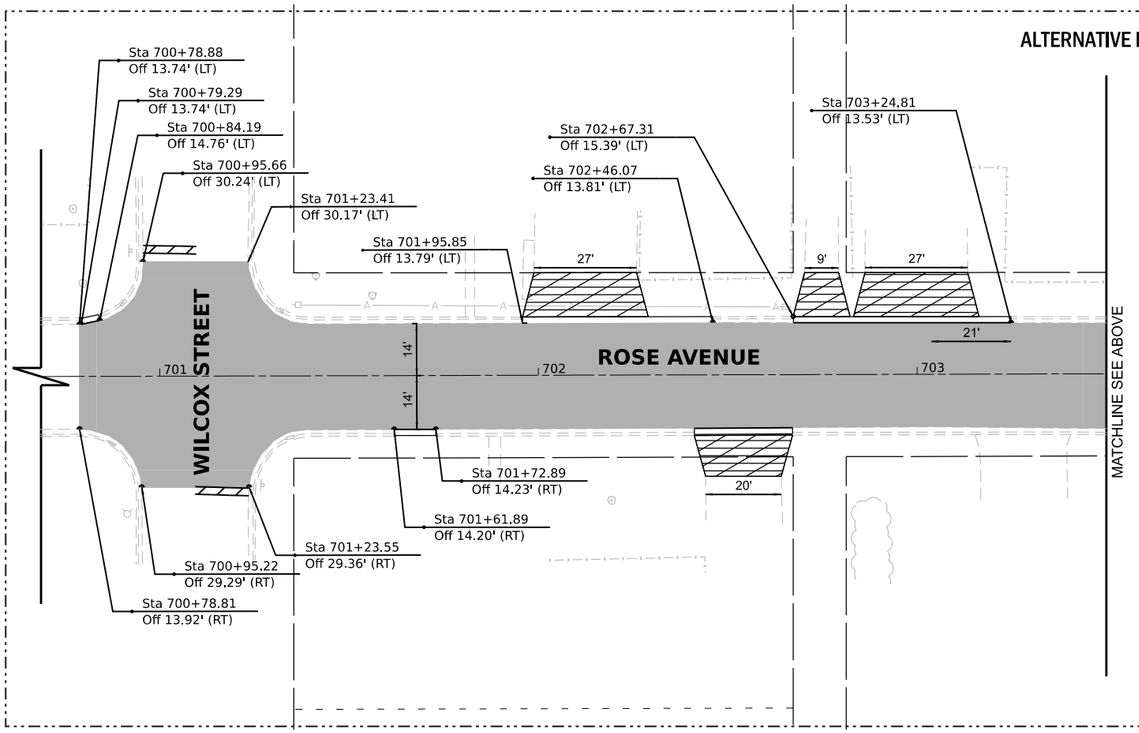
COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	23

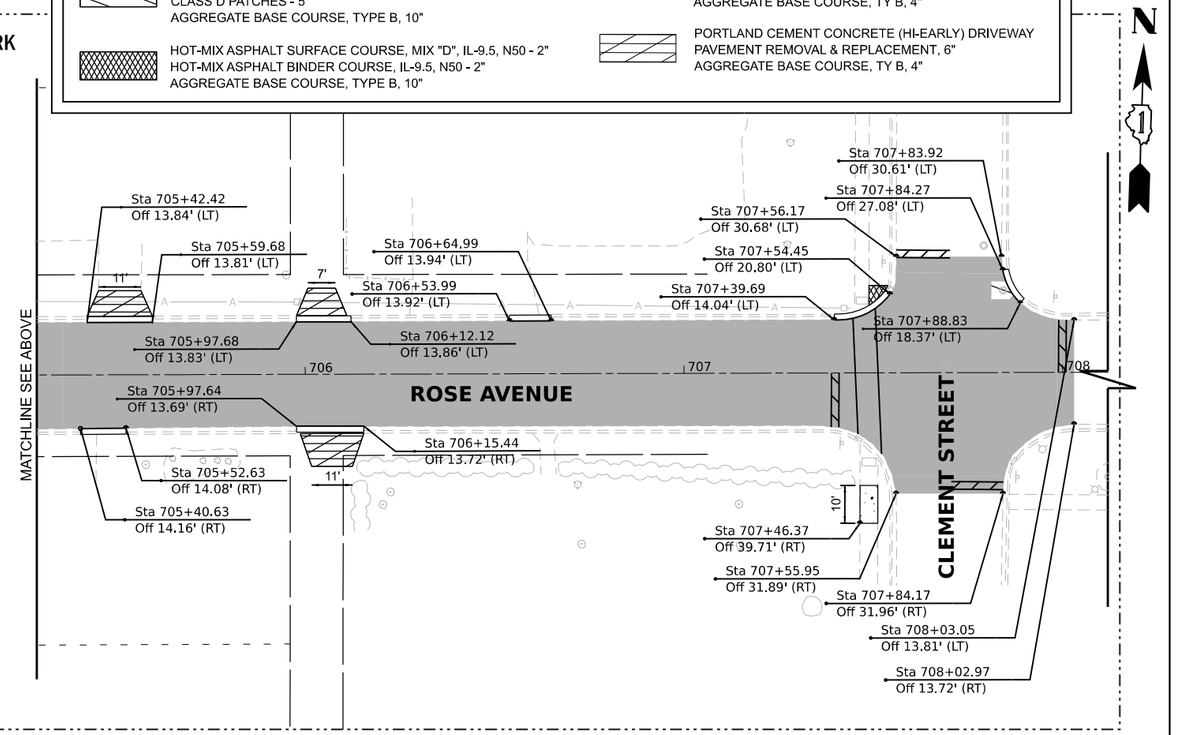
PROJECT NO. 230652



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"
  AGGREGATE BASE COURSE, TYPE B, 10"
- 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
FILE NAME: N:\2023\230652\Drawings\Matrix\CADD_Sheets\D1230652-alt-restoral-fen07-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

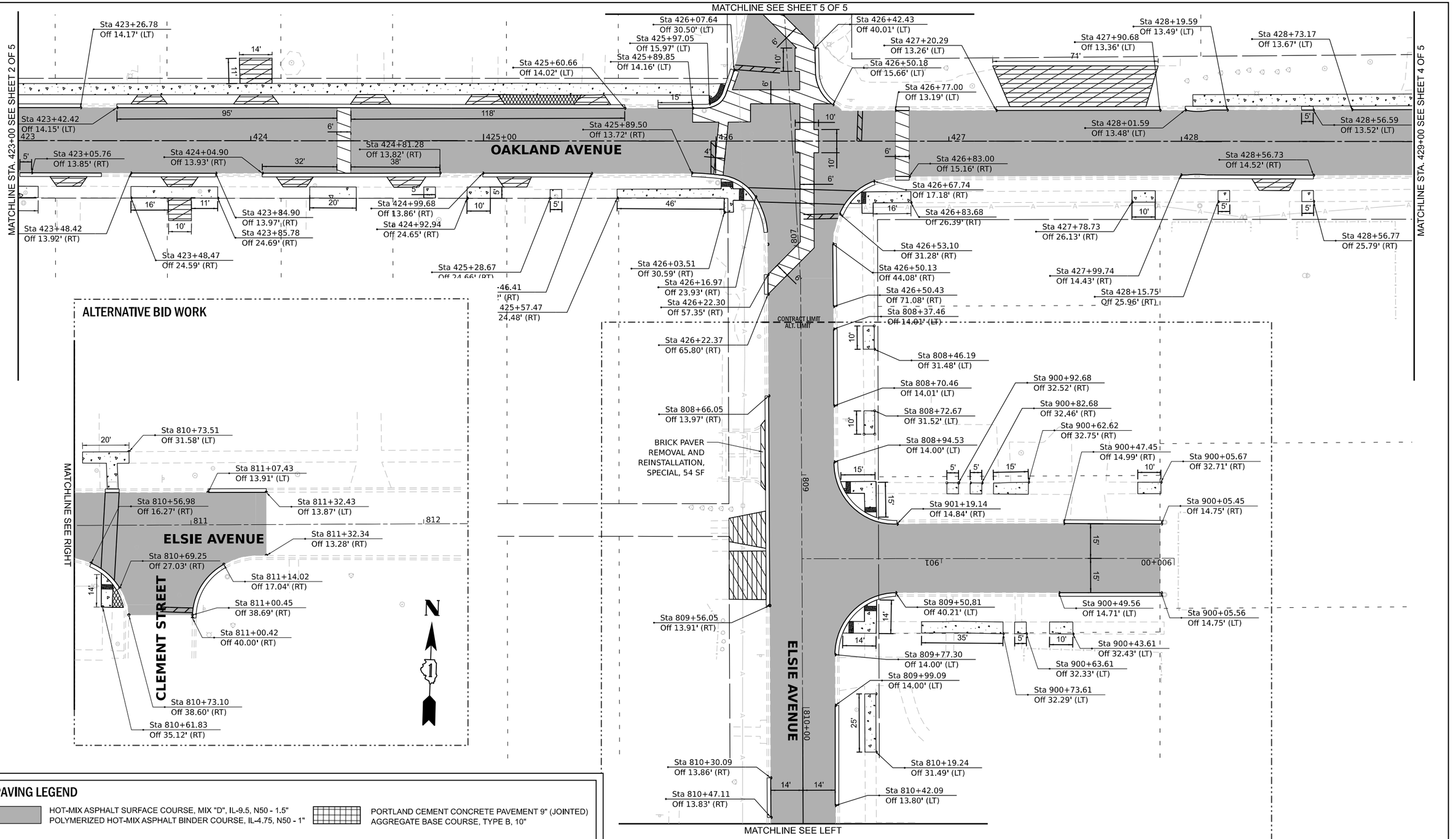
WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

RESTORATION PLAN

SCALE: 1"=20" | SHEET 2 OF 5 SHEETS | STA. 417+00.00 TO STA. 423+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	24

PROJECT NO. 230652



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"

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

RESTORATION PLAN

SCALE: 1"=20' | SHEET 3 OF 5 SHEETS | STA. 423+00.00 TO STA. 429+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	25

PROJECT NO. 230652

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652-alt-restoration08-north.dgn

MATCHLINE SEE BELOW

ALTERNATIVE BID WORK

MATCHLINE STA. 429+00 SEE SHEET 3 OF 5

ALT LIMIT
CONTRACT LIMIT

CHANEY AVENUE

OAKLAND AVENUE

PASADENA AVENUE

429

430+00

431

432

433

Sta 429+26.29
Off 40.61' (LT)

Sta 429+67.35
Off 24.25' (LT)

Sta 429+92.56
Off 14.10' (LT)

Sta 430+11.31
Off 14.60' (LT)

Sta 430+52.70
Off 16.05' (LT)

Sta 430+67.72
Off 14.40' (LT)

Sta 431+22.54
Off 14.49' (LT)

Sta 431+12.28
Off 14.45' (LT)

Sta 431+62.10
Off 14.17' (LT)

Sta 431+40.80
Off 14.46' (LT)

Sta 432+00.80
Off 14.40' (LT)

Sta 432+99.23
Off 14.25' (LT)

Sta 432+99.25
Off 13.82' (RT)

Sta 432+59.41
Off 14.18' (LT)

Sta 432+38.45
Off 14.26' (LT)

Sta 432+07.87
Off 30.10' (RT)

Sta 431+30.73
Off 13.43' (RT)

Sta 431+65.88
Off 13.63' (RT)

Sta 432+11.88
Off 94.85' (RT)

Sta 429+82.58
Off 14.27' (RT)

Sta 429+77.87
Off 32.04' (RT)

Sta 429+61.74
Off 30.37' (RT)

Sta 429+59.54
Off 41.64' (RT)

Sta 429+30.25
Off 42.38' (RT)

Sta 429+09.77
Off 14.25' (RT)

Sta 428+99.81
Off 14.26' (RT)

7'
10'
10'
10'
10'
10'
6'
9'
5'
10'
16'
15'

N

1" = 20'

0 20 40 60

SCALE FEET

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"

PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
AGGREGATE BASE COURSE, TYPE B, 10"

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"

PORTLAND CEMENT CONCRETE SIDEWALK
REMOVAL & REPLACEMENT, 5"
AGGREGATE BASE COURSE, TY B, 4"

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 (HI-EARLY) DRIVEWAY
PAVEMENT REMOVAL & REPLACEMENT, 6"
AGGREGATE BASE COURSE, TY B, 4"

N

1

Sta 1000+78.98
Off 57.83' (LT)

Sta 1001+51.72
Off 17.41' (LT)

Sta 1001+62.72
Off 17.38' (LT)

Sta 1000+34.46
Off 13.18' (LT)

1000+00

1001

1002

1003

CHANEY AVENUE

MATCHLINE STA. SEE ABOVE

Sta 1003+39.63
Off 17.54' (RT)

Sta 1002+00.38
Off 33.06' (RT)

Sta 1002+61.90
Off 32.98' (RT)

Sta 1003+55.85
Off 33.11' (RT)

Sta 1003+64.52
Off 17.49' (RT)

Sta 1000+53.35
Off 51.12' (RT)

12'
9'
5'
13'
10'
15'

ALTERNATIVE BID WORK

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Matrix\CADD_Sheets\D1230652-alt-restoral-bm09a-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

RESTORATION PLAN

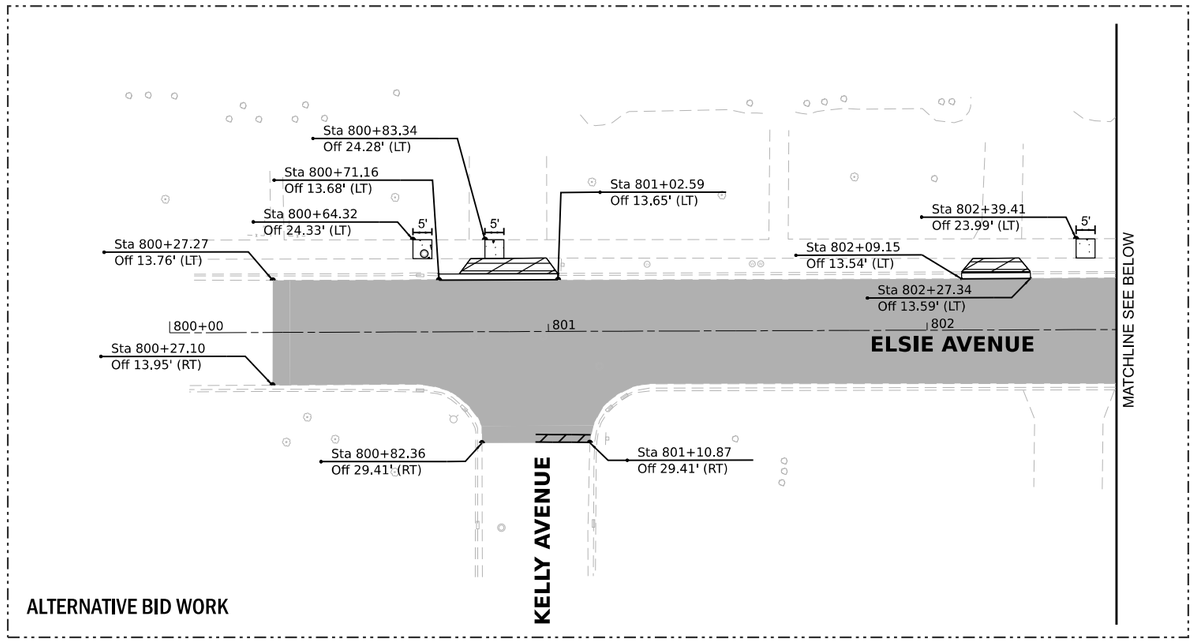
SCALE: 1"=20" | SHEET 4 OF 5 SHEETS | STA. 429+00.00 TO STA. 433+50.00

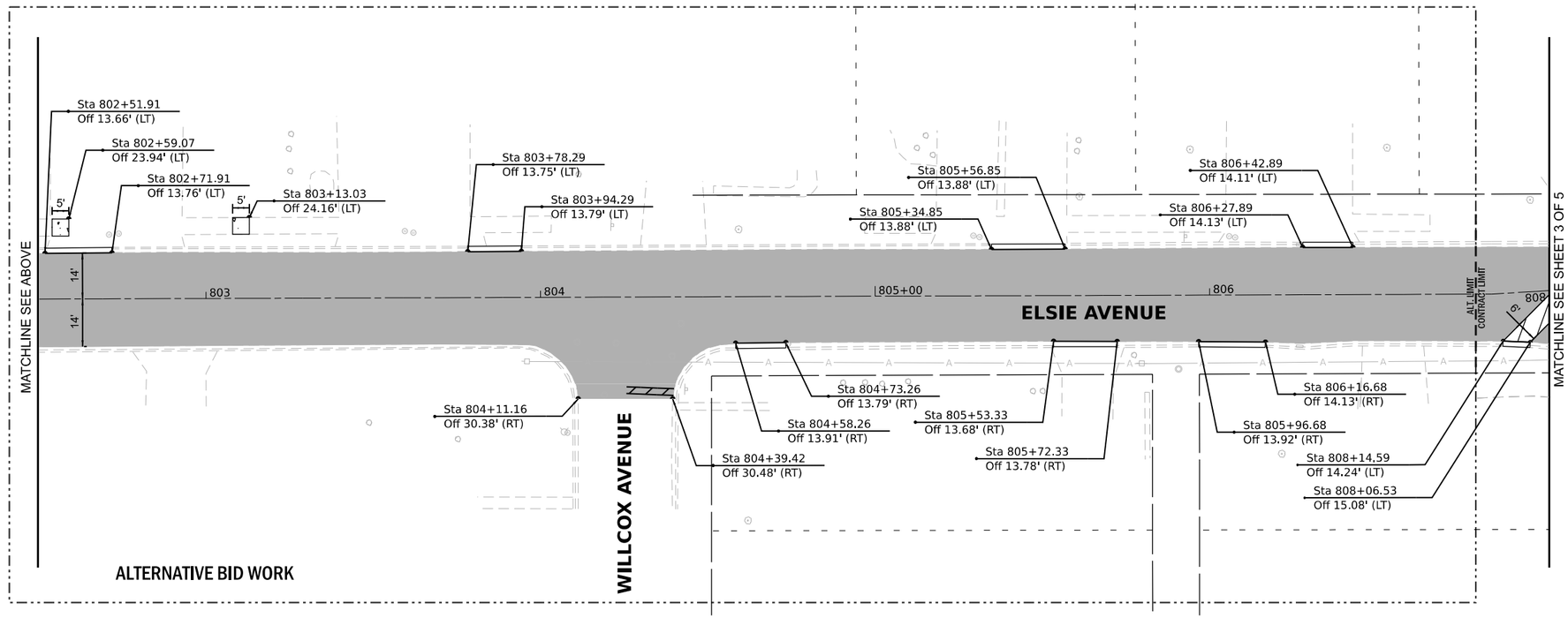
COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	26

PROJECT NO. 230652

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"





N

1" = 20'

0 20 40 60

SCALE FEET

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-sht-restorat8on10-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

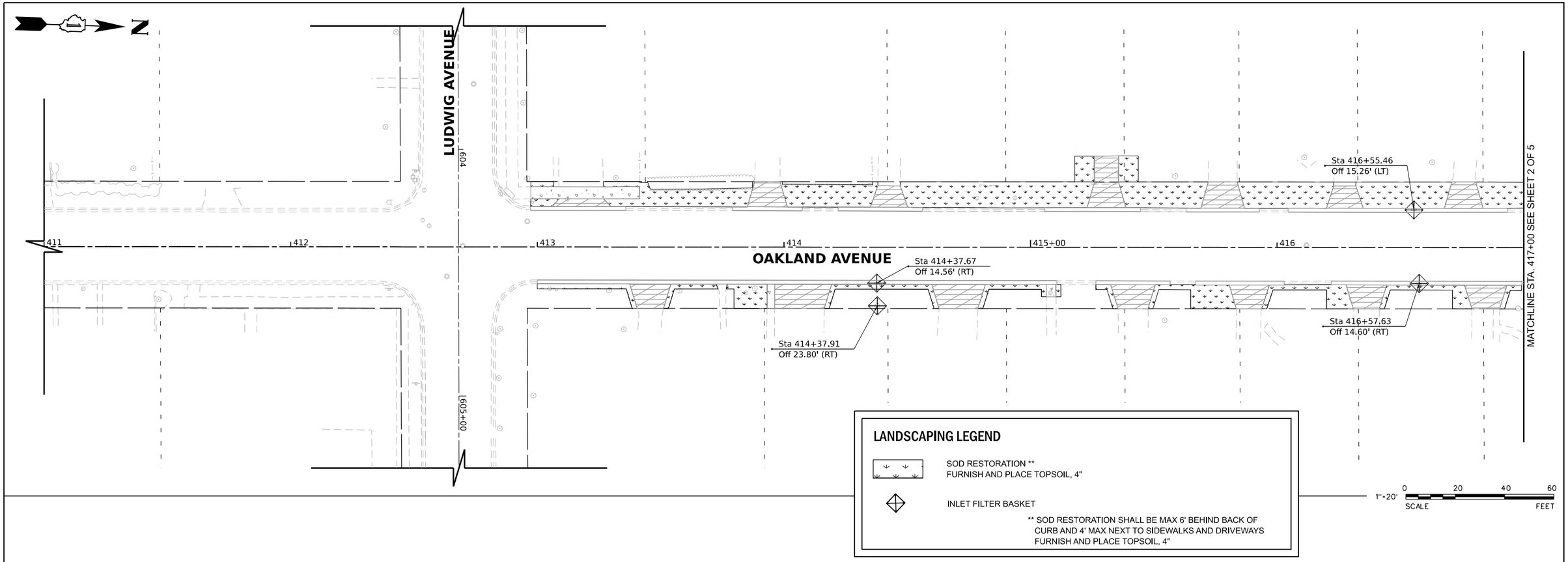
WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

RESTORATION PLAN

SCALE: 1"=20" | SHEET 5 OF 5 SHEETS | STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	27

PROJECT NO. 230652



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

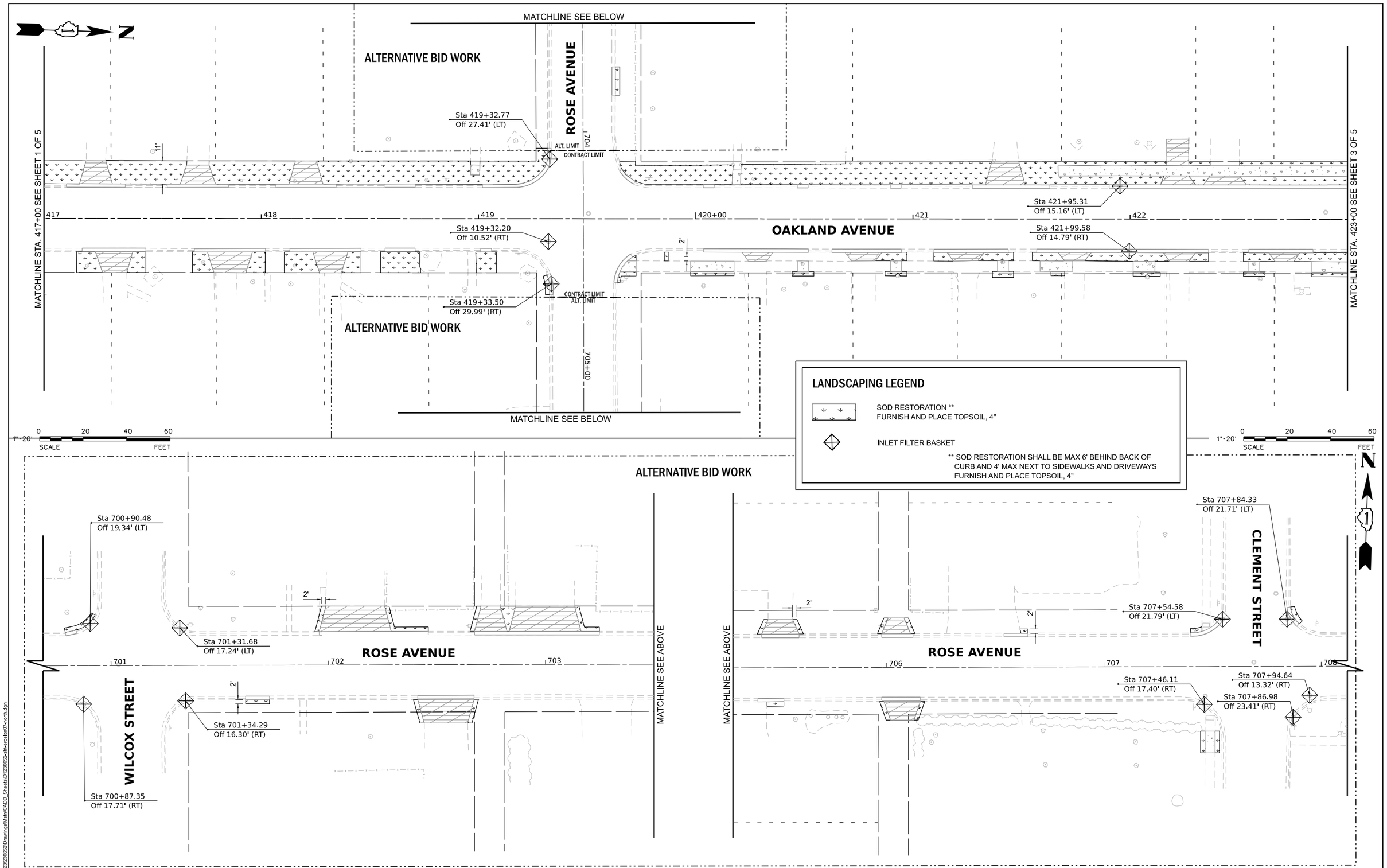
EROSION CONTROL PLAN

SCALE: 1"=20" | SHEET 1 OF 5 SHEETS | STA. 411+00.00 TO STA. 417+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	28

PROJECT NO. 230652

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-sht-erosn06-north.dgn



MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652-alt-erosk07-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

EROSION CONTROL PLAN
SCALE: 1"=20" | SHEET 2 OF 5 SHEETS | STA. 417+00.00 TO STA. 423+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	29

PROJECT NO. 230652

MATCHLINE SEE SHEET 5 OF 5

MATCHLINE STA. 423+00 SEE SHEET 2 OF 5

MATCHLINE STA. 429+00 SEE 4 OF 5

Sta 426+04.90
Off 26.08' (LT)

Sta 428+07.64
Off 13.80' (LT)

423 424 425+00 426 427 428

OAKLAND AVENUE

Sta 425+94.49
Off 15.33' (RT)

Sta 426+21.24
Off 35.21' (RT)

Sta 428+06.70
Off 15.01' (RT)

2'

807

ELSIE AVENUE

CONTRACT LIMIT
PT. LIMIT

809

901

00+006

Sta 900+04.06
Off 15.52' (RT)

Sta 900+04.14
Off 15.60' (LT)

1810+00

MATCHLINE SEE LEFT

ALTERNATIVE BID WORK

ALTERNATIVE BID WORK

MATCHLINE SEE RIGHT

ELSIE AVENUE

811 812

Sta 811+13.81
Off 18.36' (RT)

CLEMENT STREET

N

1

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"

N

0 20 40 60
1"=20'
SCALE
FEET

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652-sht-eros&ctrl08-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

EROSION CONTROL PLAN

SCALE: 1"=20" | SHEET 3 OF 5 SHEETS | STA. 423+00.00 TO STA. 429+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	30

PROJECT NO. 230652

MATCHLINE SEE BELOW

ALTERNATIVE BID WORK

ALT LIMIT CONTRACT LIMIT

MATCHLINE STA. 429+00 SEE 3 OF 5

Sta 429+06.17
Off 14.37' (LT)

Sta 429+04.73
Off 14.32' (RT)

Sta 430+72.86
Off 14.90' (LT)

Sta 431+95.53
Off 14.25' (LT)

Sta 432+47.19
Off 33.58' (RT)

Sta 432+74.73
Off 43.46' (RT)

Sta 433+15.52
Off 14.47' (LT)

Sta 432+02.02
Off 47.45' (RT)

Sta 432+49.02
Off 138.46' (RT)

CHANEY AVENUE

OAKLAND AVENUE

PASADENA AVENUE

429 | 430+00 | 431 | 432 | 433

2'

2'

N

1"=20'

0 20 40 60

SCALE FEET

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"

Sta 1000+78.31
Off 47.04' (LT)

Sta 1001+63.68
Off 18.17' (LT)

Sta 1001+63.89
Off 18.56' (RT)

Sta 1002+65.76
Off 18.33' (RT)

Sta 1000+82.86
Off 48.42' (RT)

CHANEY COURT

1000+00 | 1001 | 1002 | 1003

2'

MATCHLINE SEE ABOVE

ALTERNATIVE BID WORK

N

1

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652-sht-erosion09-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

EROSION CONTROL PLAN

SCALE: 1"=20" | SHEET 4 OF 5 SHEETS | STA. 429+00.00 | TO STA. 433+50.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	31

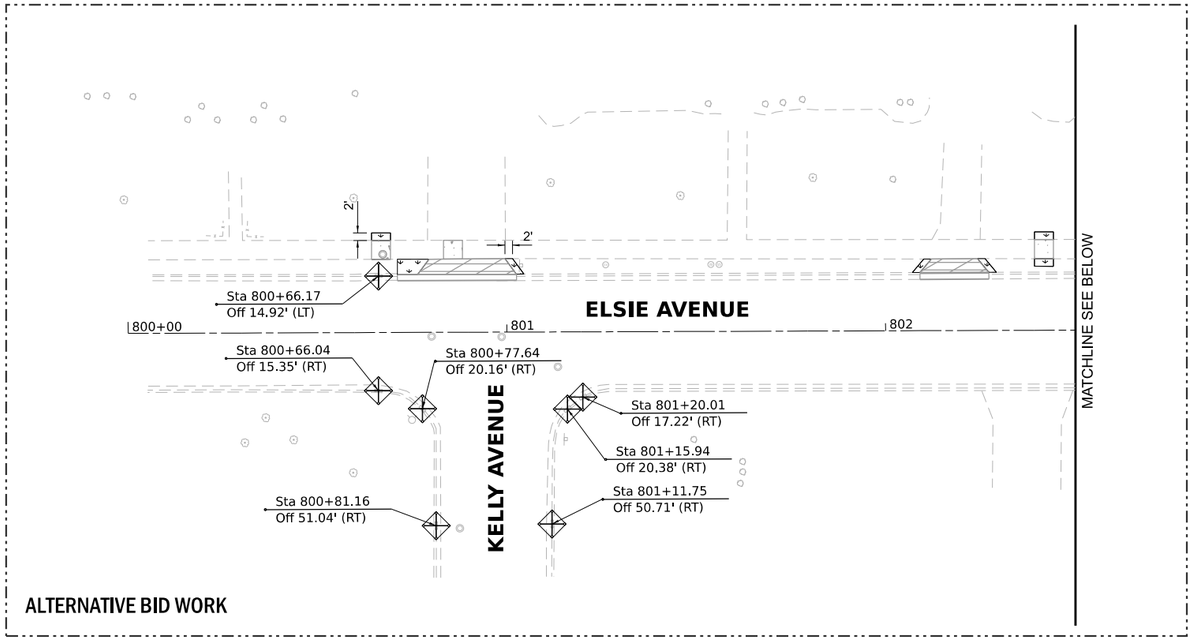
PROJECT NO. 230652

LANDSCAPING LEGEND

SOD RESTORATION **
FURNISH AND PLACE TOPSOIL, 4"

INLET FILTER BASKET

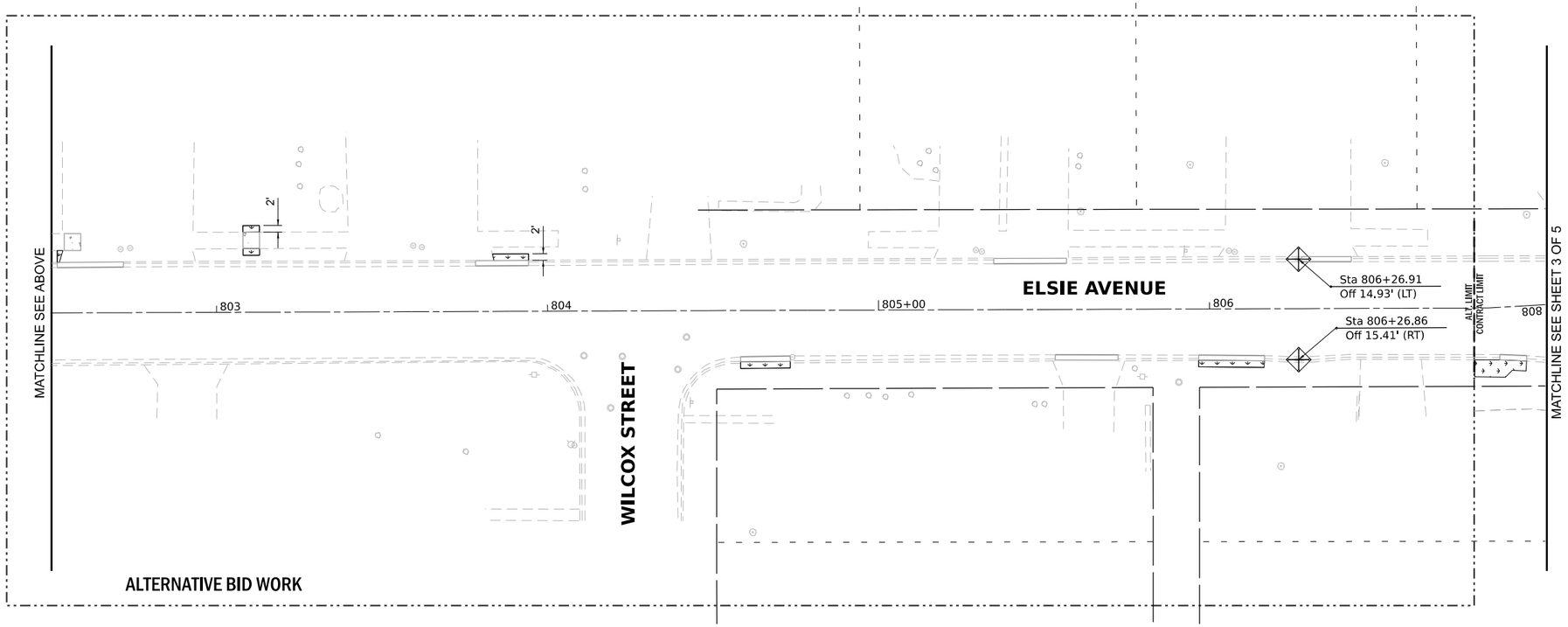
** SOD RESTORATION SHALL BE MAX 6' BEHIND BACK OF CURB AND 4' MAX NEXT TO SIDEWALKS AND DRIVEWAYS
FURNISH AND PLACE TOPSOIL, 4"



N

1"=20'

0 20 40 60
SCALE FEET



V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

EROSION CONTROL PLAN
SCALE: 1"=20" | SHEET 5 OF 5 SHEETS | STA. | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	32
PROJECT NO. 230652		

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstn\CADD_Sheets\D1230652-sh-erosion10-north.dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy

PLOT SCALE = 1

PLOT DATE = 3/11/2025

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -
REVISED -
REVISED -
REVISED -
REVISED -

CREST HILL
ILLINOIS

WATER MAIN REPLACEMENT
OAKLAND AVENUE

CROSS SECTIONS

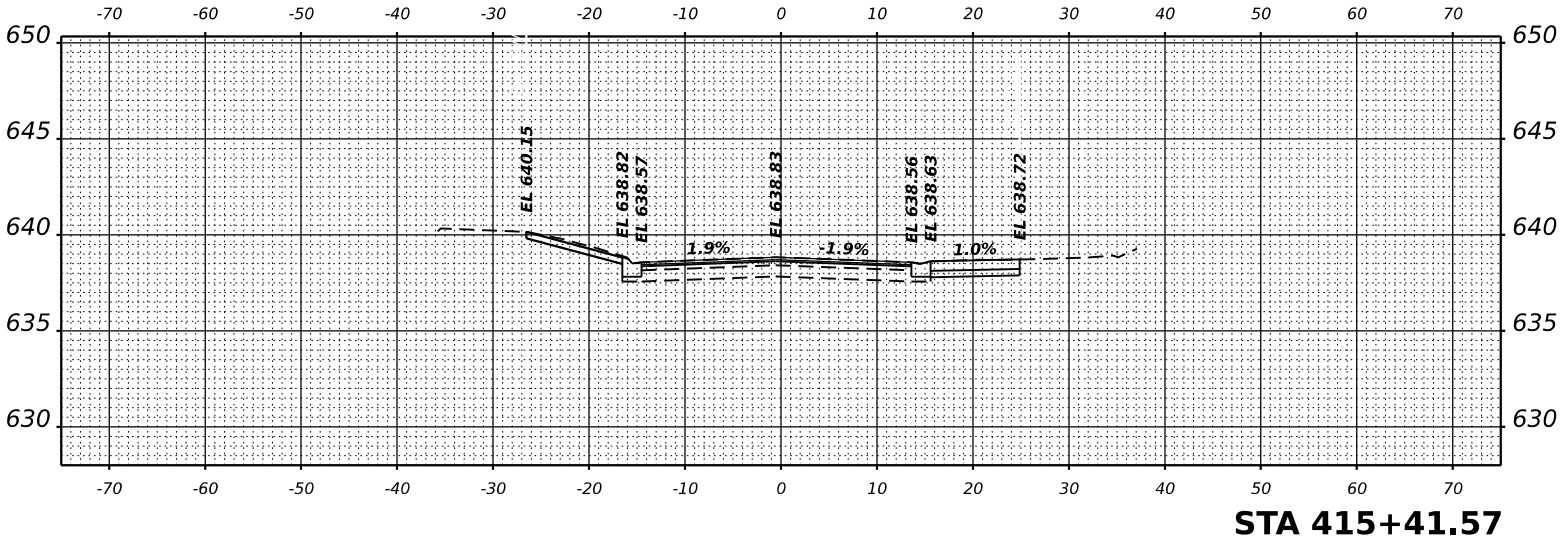
SCALE: 1"=10'

SHEET 1 OF 5 SHEETS

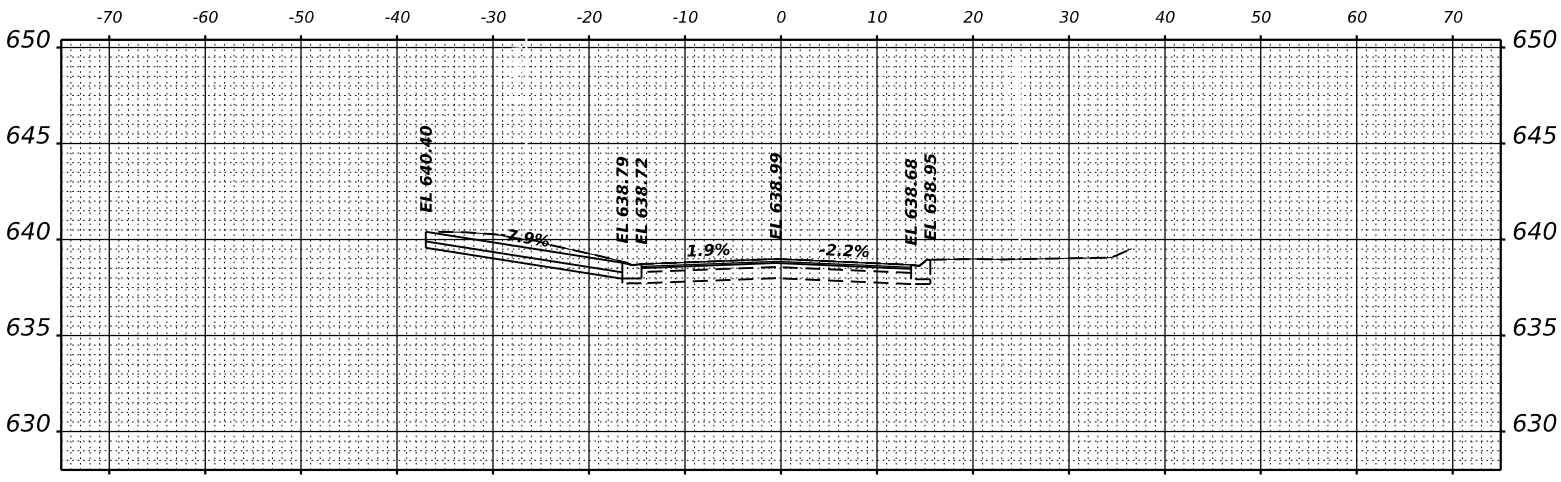
STA. 414+00.00 TO STA. 415+50.00

PROJECT NO. 230652

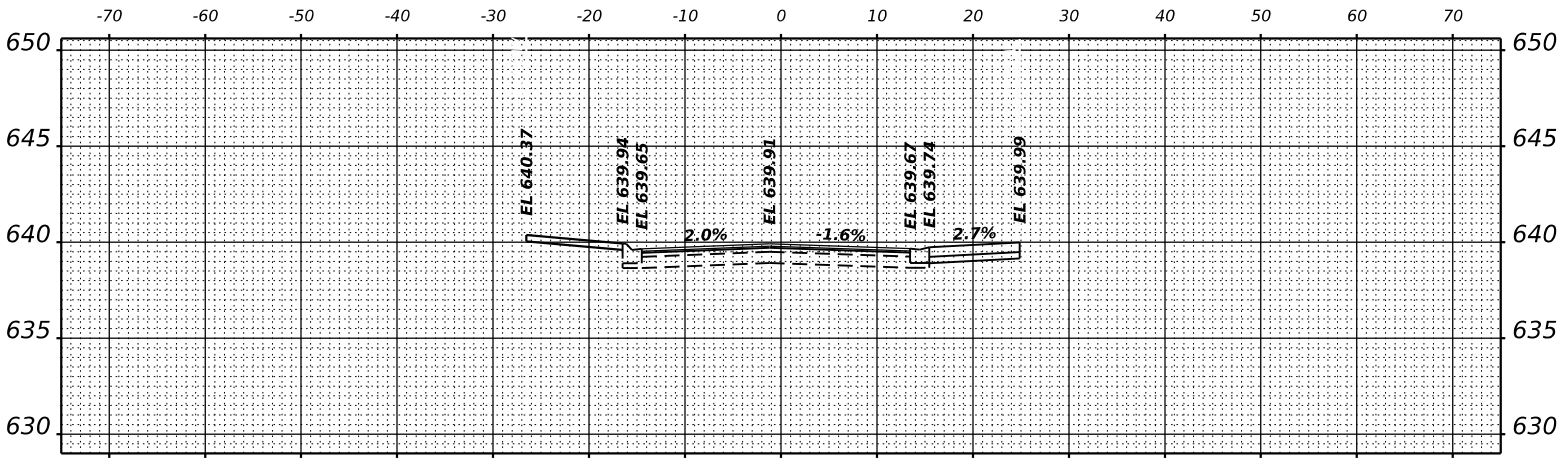
COUNTY: WILL
TOTAL SHEETS: 59
SHEET NO.: 33



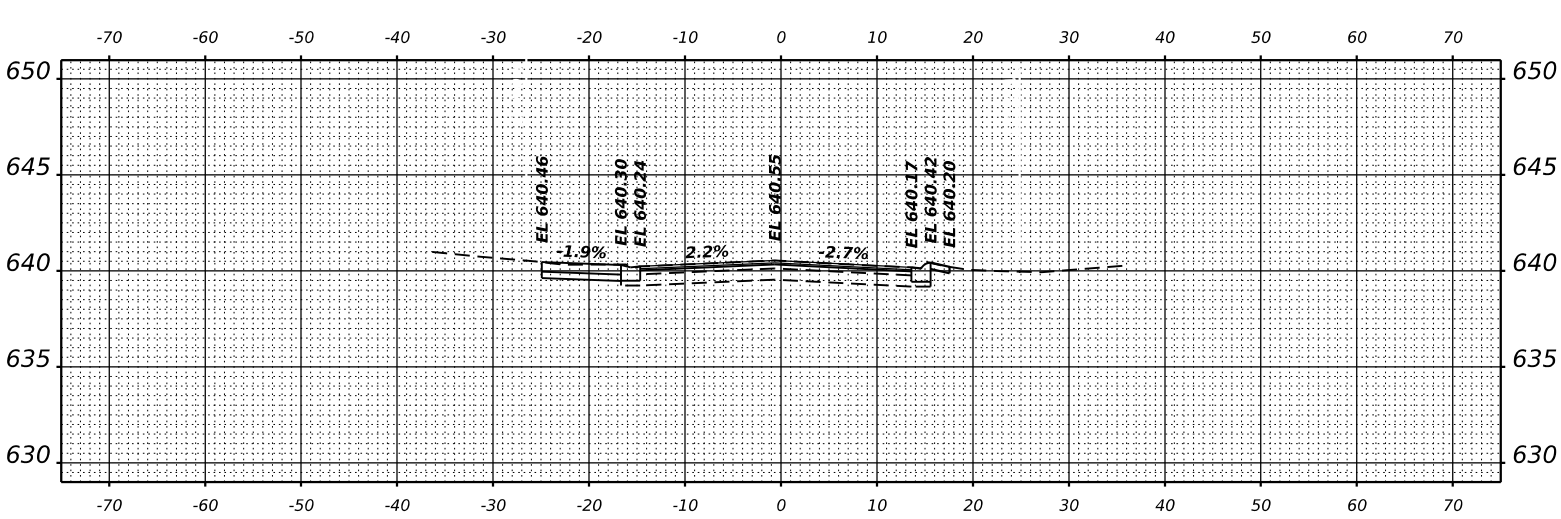
STA 415+41.57



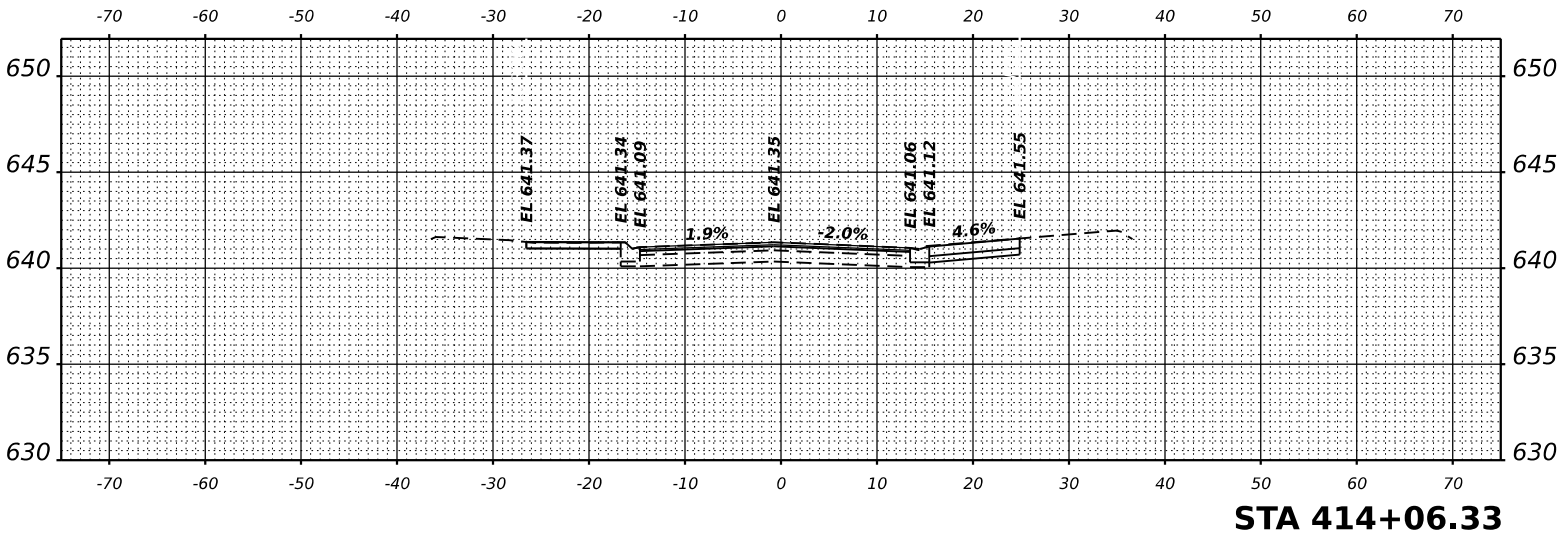
STA 415+30.03



STA 414+70.81



STA 414+42.64



STA 414+06.33

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = fholy

PLOT SCALE = 1

PLOT DATE = 3/11/2025

DESIGNED - ____
DRAWN - ____
CHECKED - ____
DATE - ____

REVISED - ____
REVISED - ____
REVISED - ____
REVISED - ____
REVISED - ____
REVISED - ____

CREST HILL
ILLINOIS

WATER MAIN REPLACEMENT
OAKLAND AVENUE

CROSS SECTIONS

SCALE: 1"=10'

SHEET 2 OF 5 SHEETS

STA. 415+50.00

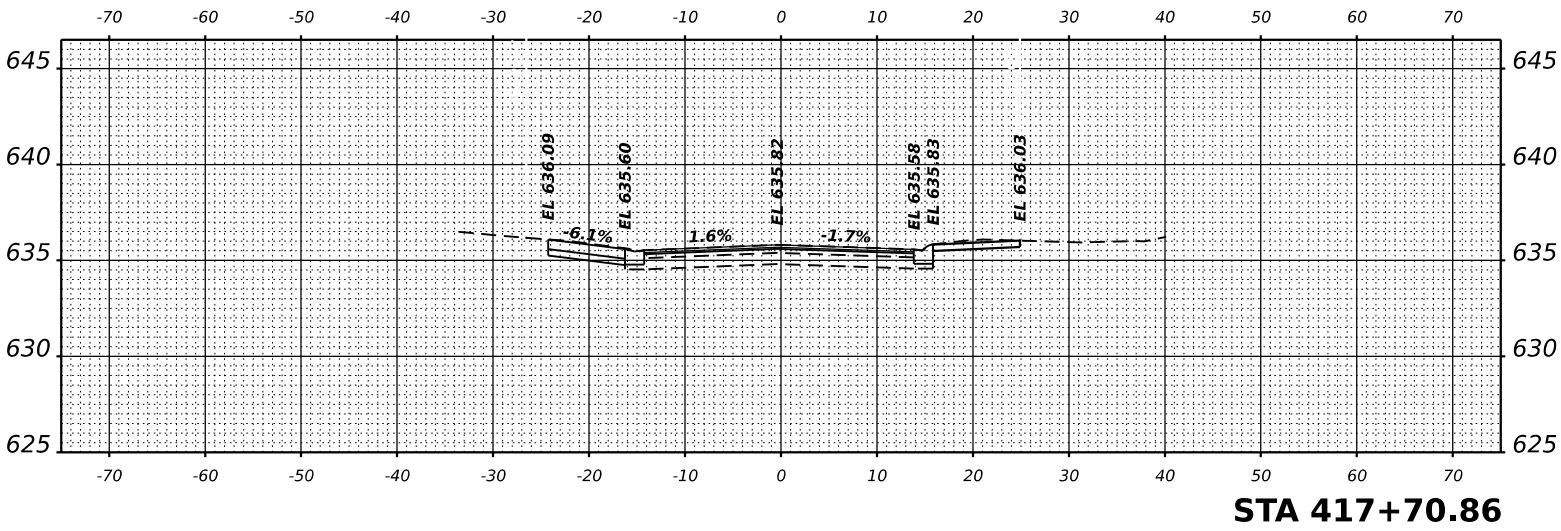
TO STA. 418+00.00

COUNTY: WILL

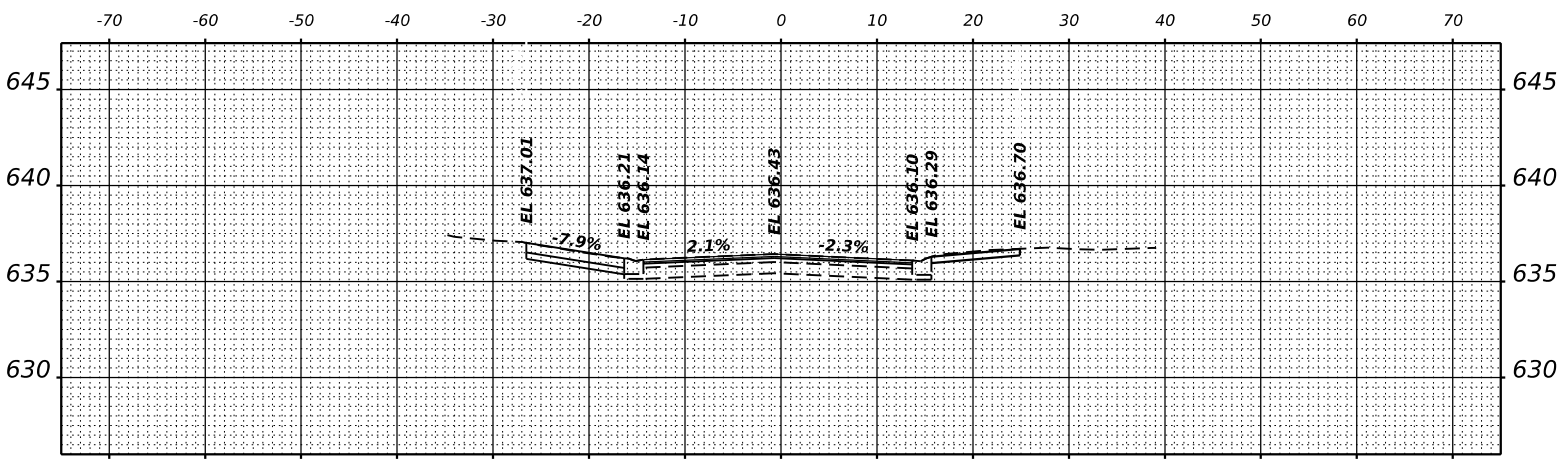
TOTAL SHEETS: 59

SHEET NO.: 34

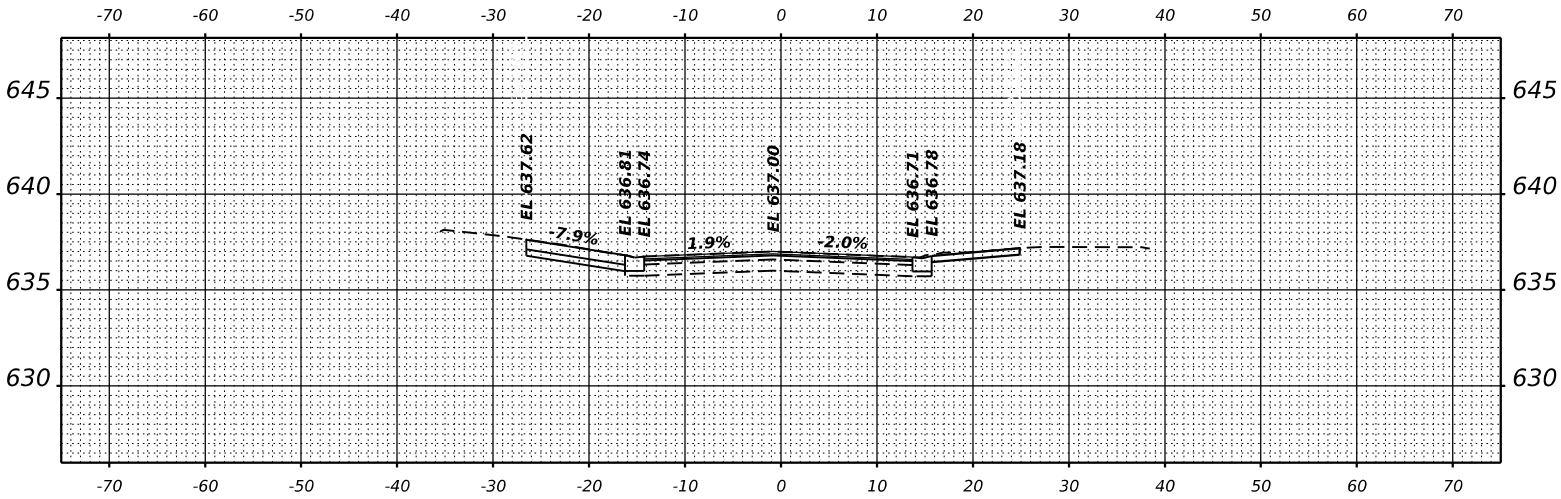
PROJECT NO. 230652



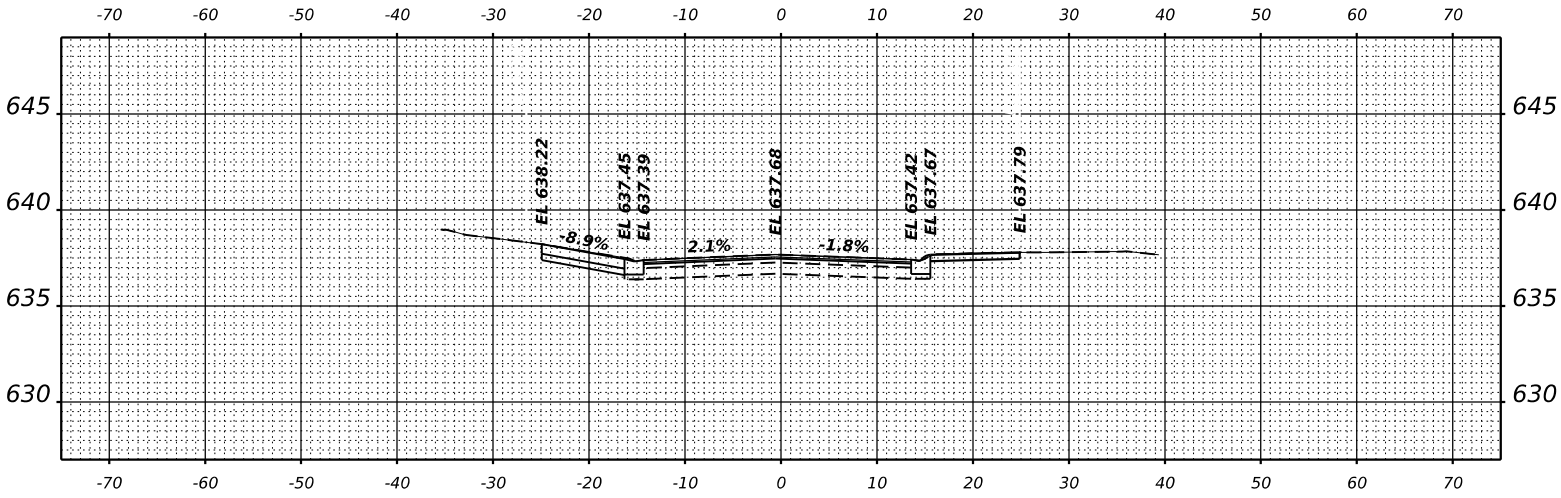
STA 417+70.86



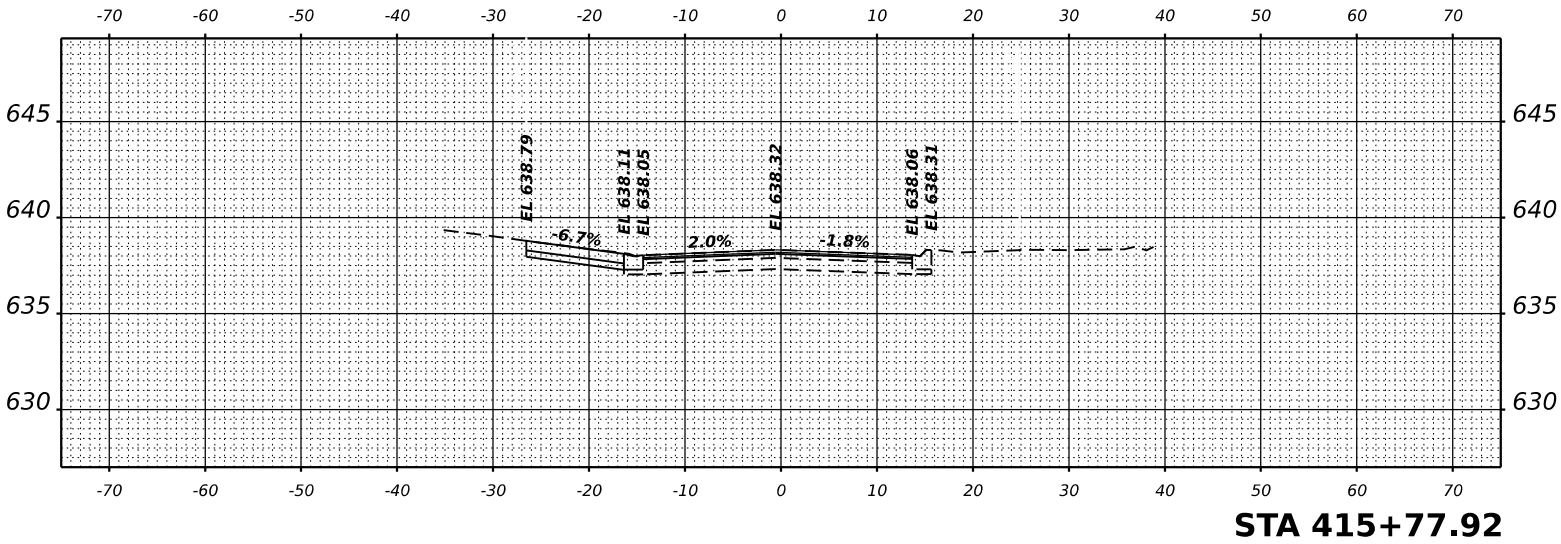
STA 417+23.88



STA 416+75.67

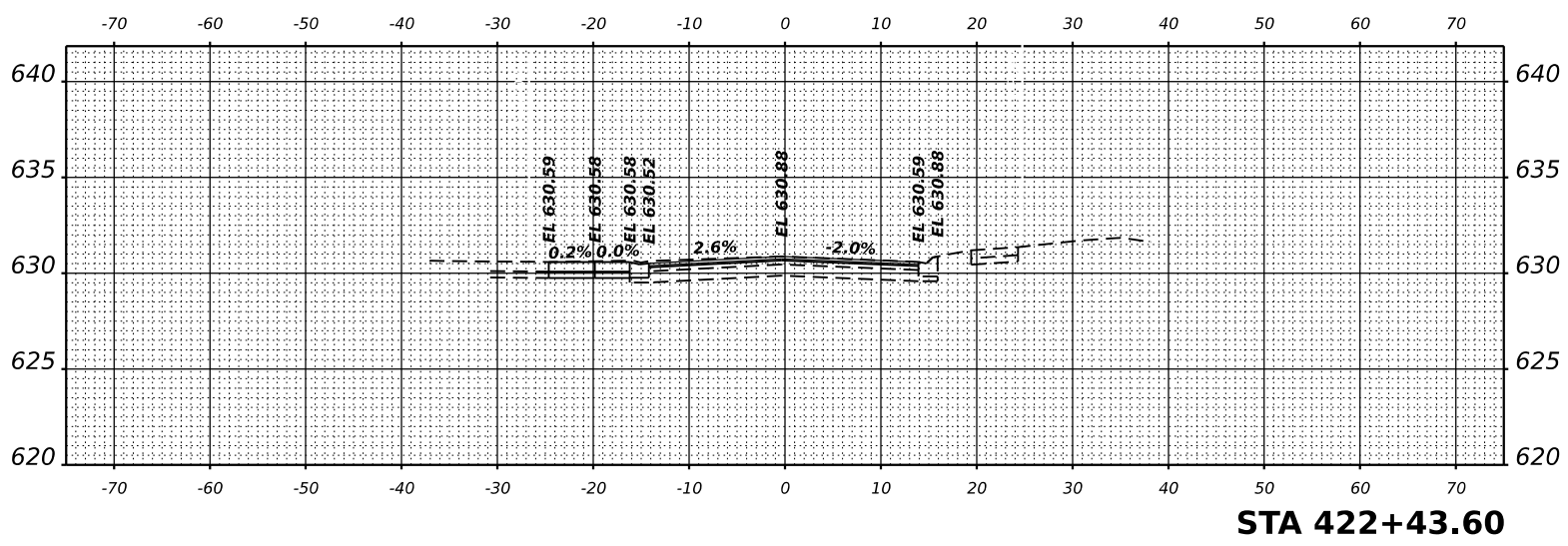


STA 416+27.47

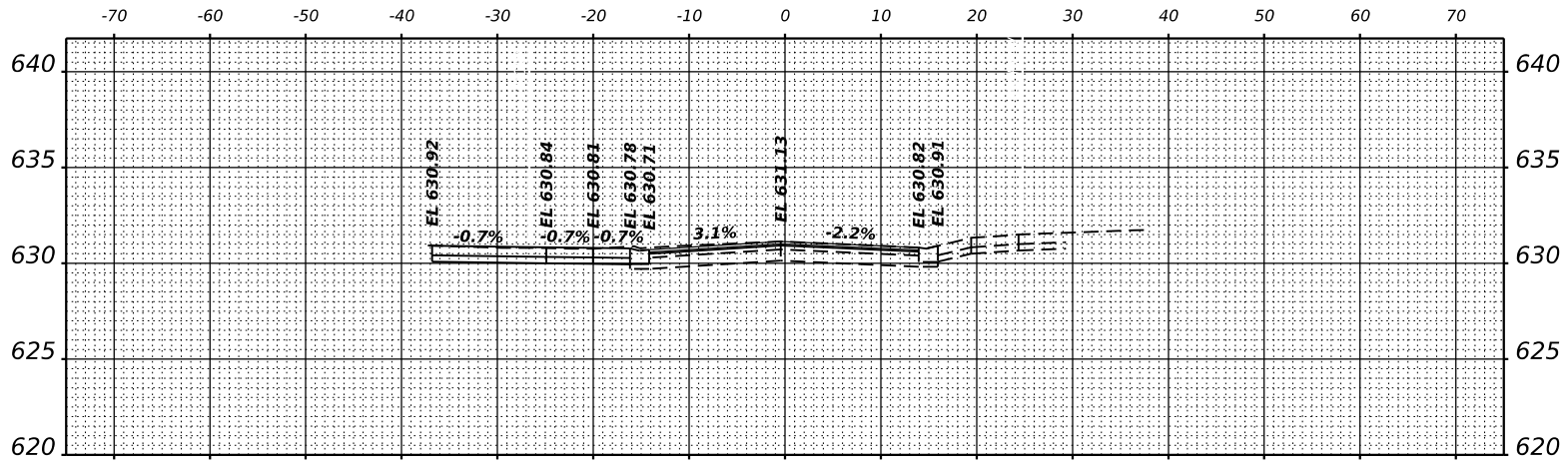


STA 415+77.92

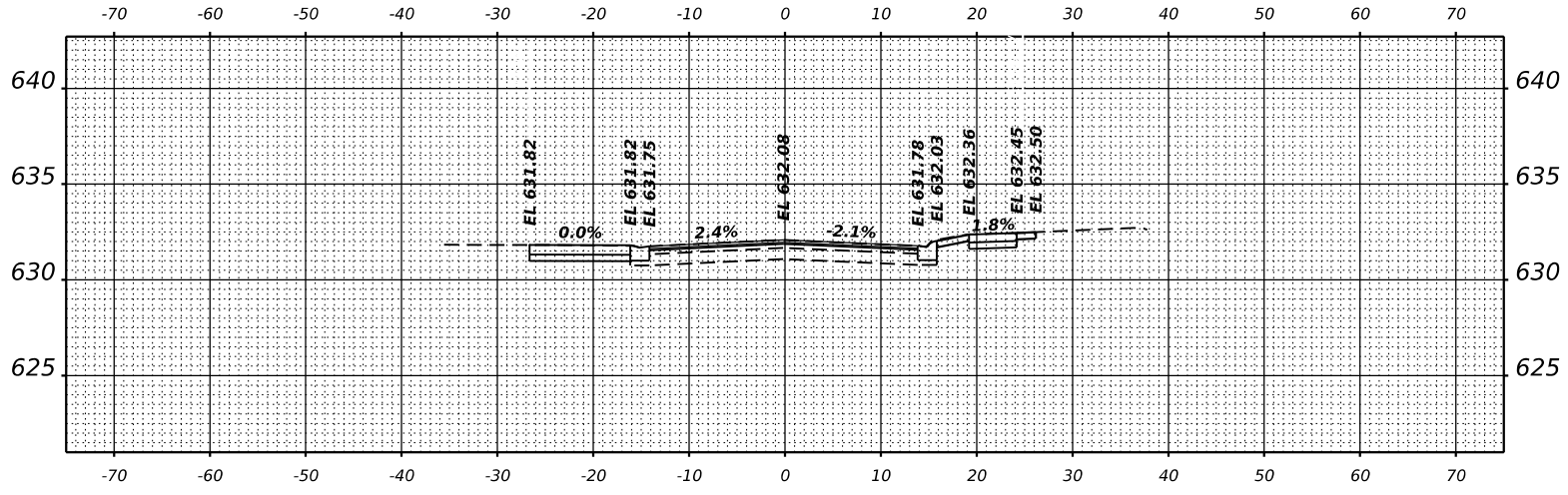
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com



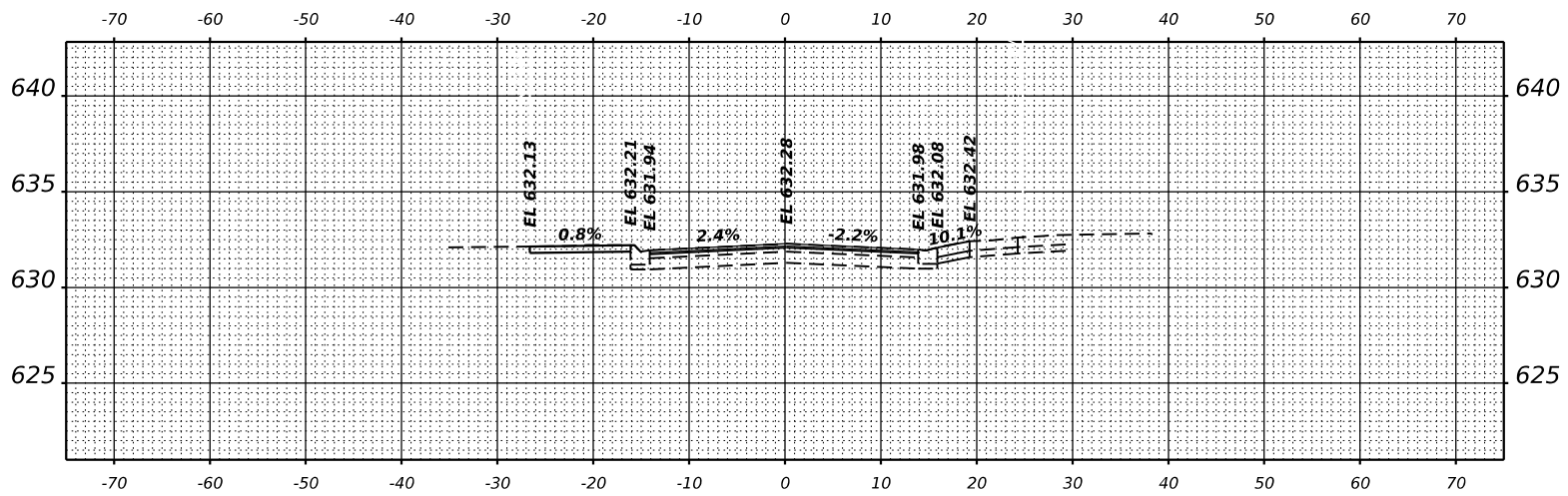
STA 422+43.60



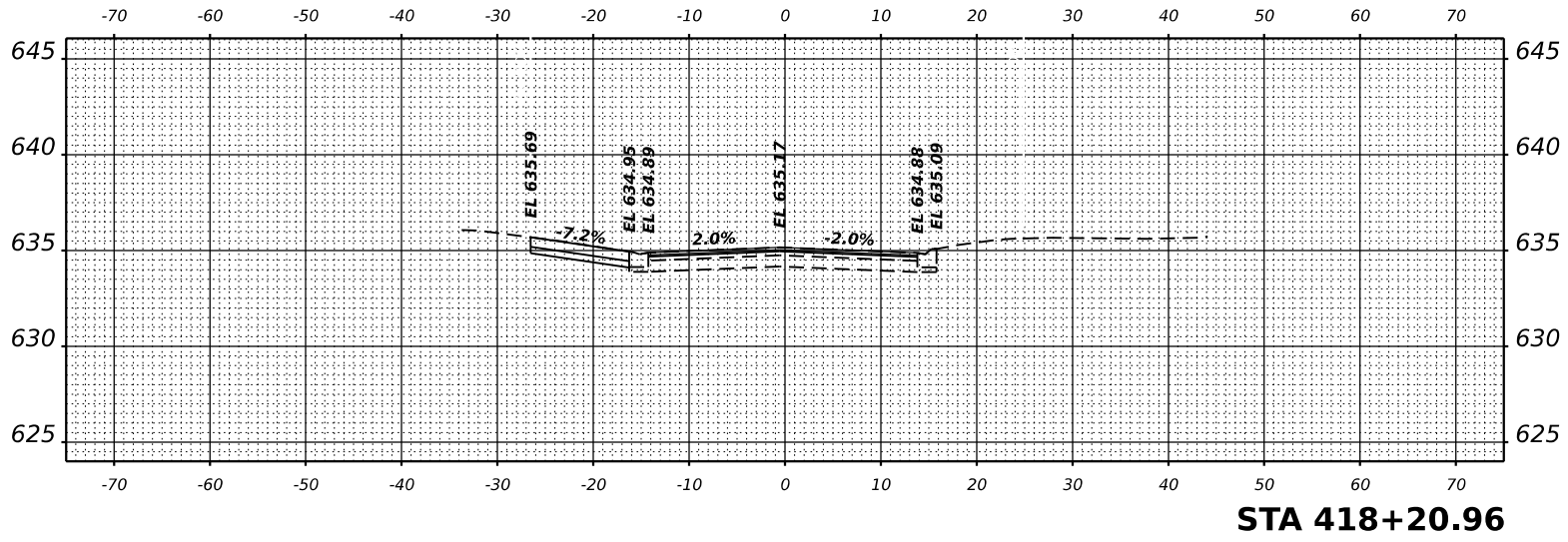
STA 422+21.84



STA 421+42.48



STA 421+24.74



STA 418+20.96

REVISED	-	REVISED	-	REVISED	-
REVISED	-	REVISED	-	REVISED	-
REVISED	-	REVISED	-		
REVISED	-				

DESIGNED	-	USER NAME	= jholy
DRAWN	-		
CHECKED	-	PLOT SCALE	=
DATE	-	PLOT DATE	= 3/11/2025

CREST HILL

ILLINOIS

WATER MAIN REPLACEMENT
OAKLAND AVENUE

CROSS SECTIONS

SCALE: 1"=10'

SHEET 3 OF 5 SHEETS

STA. 418+00.00 TO STA. 423+00.00

PROJECT NO. 230652

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	35

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy

PLOT SCALE = '

PLOT DATE = 3/11/2025

DESIGNED	-	
DRAWN	-	
CHECKED	-	
DATE	-	

REVISED	-	
REVISED	-	
REVISED	-	
REVISED	-	

REVISED	-	
REVISED	-	
REVISED	-	
REVISED	-	

CREST HILL

ILLINOIS

WATER MAIN REPLACEMENT
OAKLAND AVENUE

CROSS SECTIONS

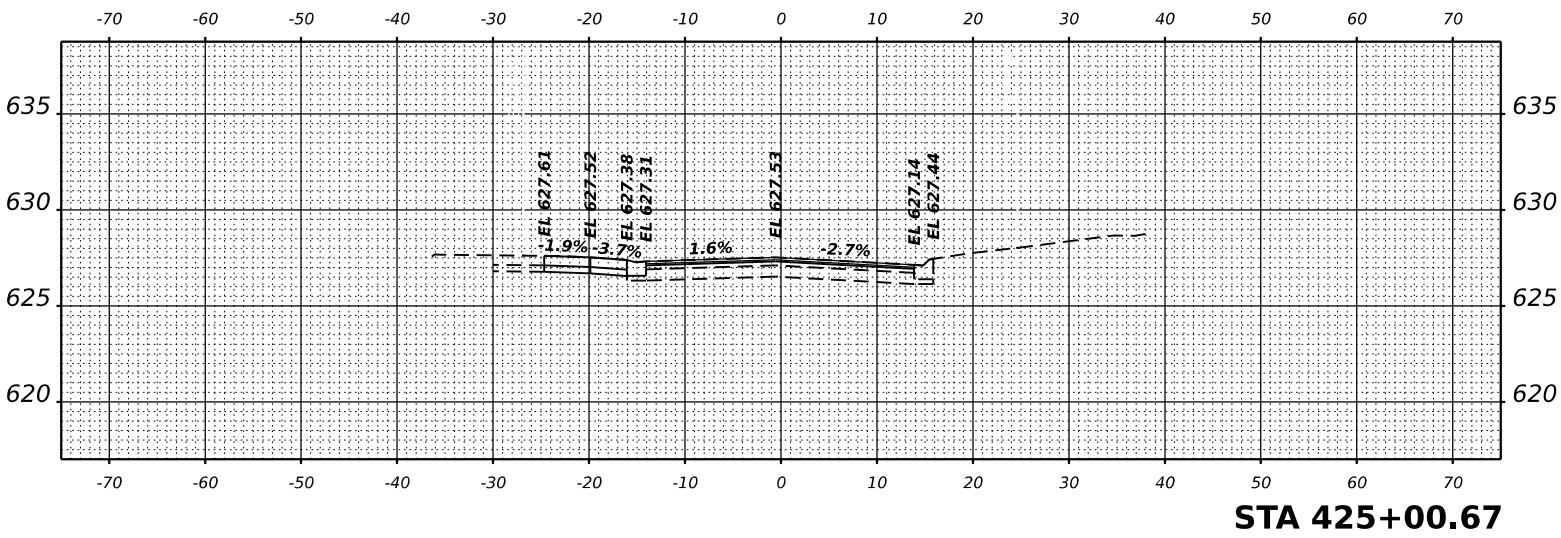
SCALE: 1"=10'

SHEET 4 OF 5 SHEETS

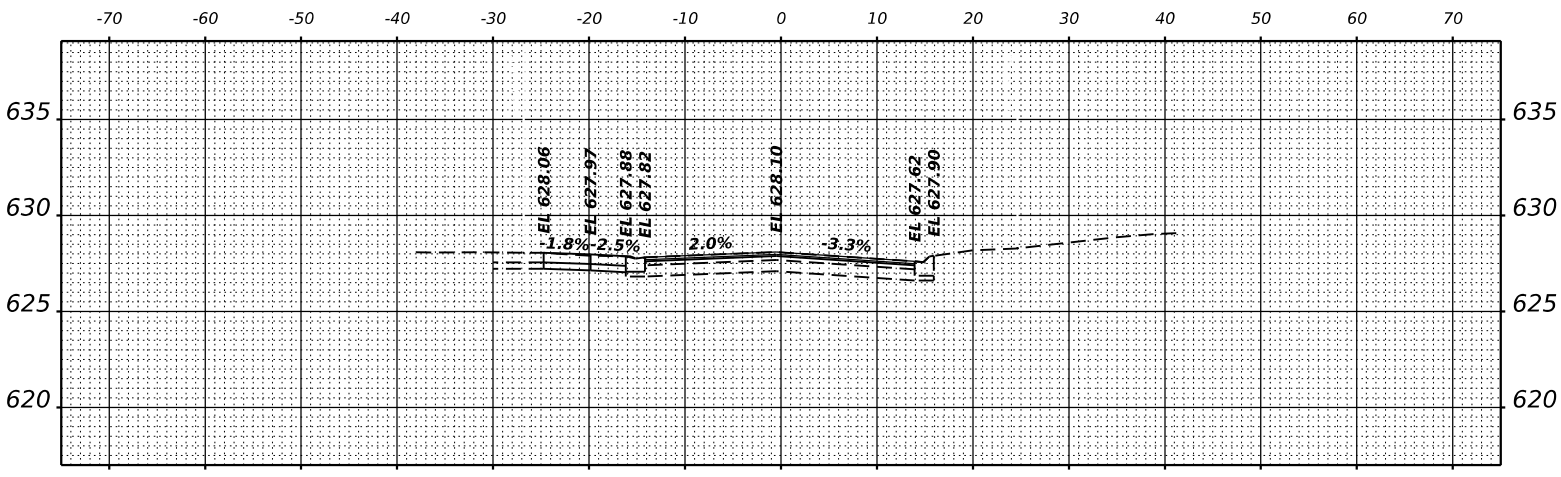
STA. 423+00.00 TO STA. 425+50.00

PROJECT NO. 230652

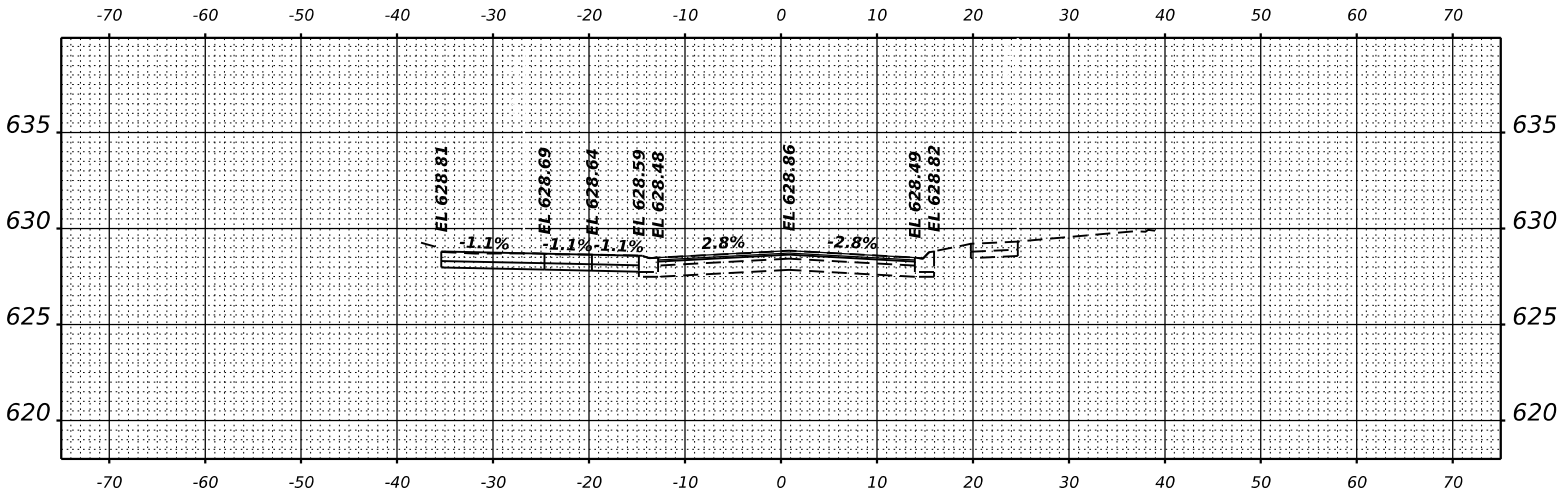
COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	36



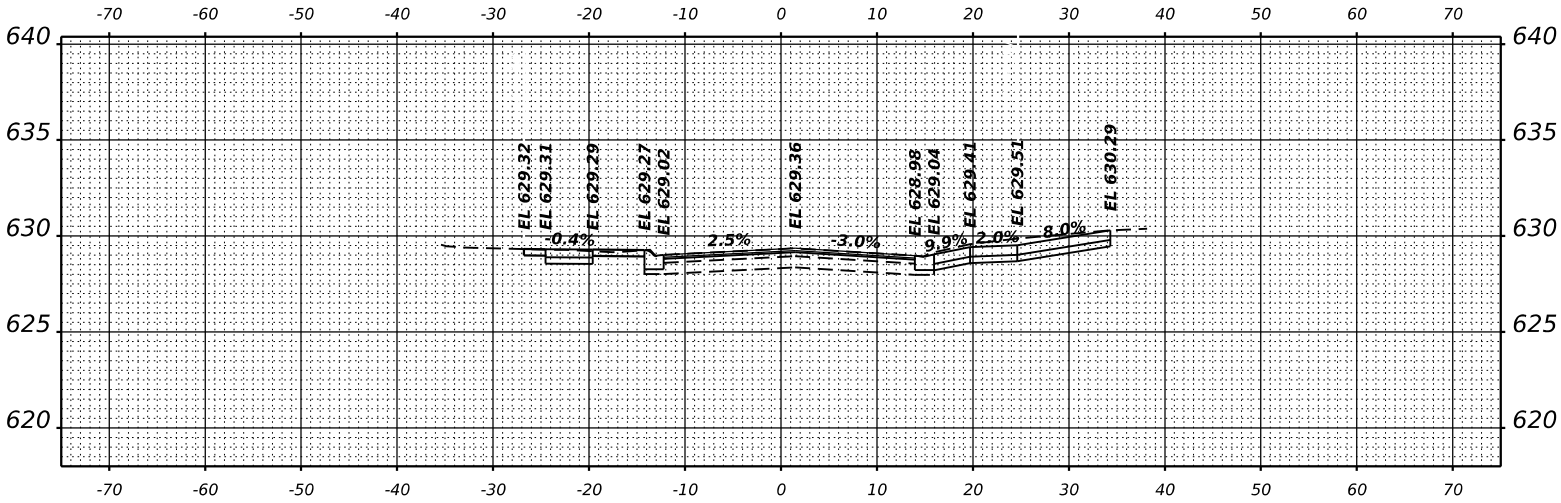
STA 425+00.67



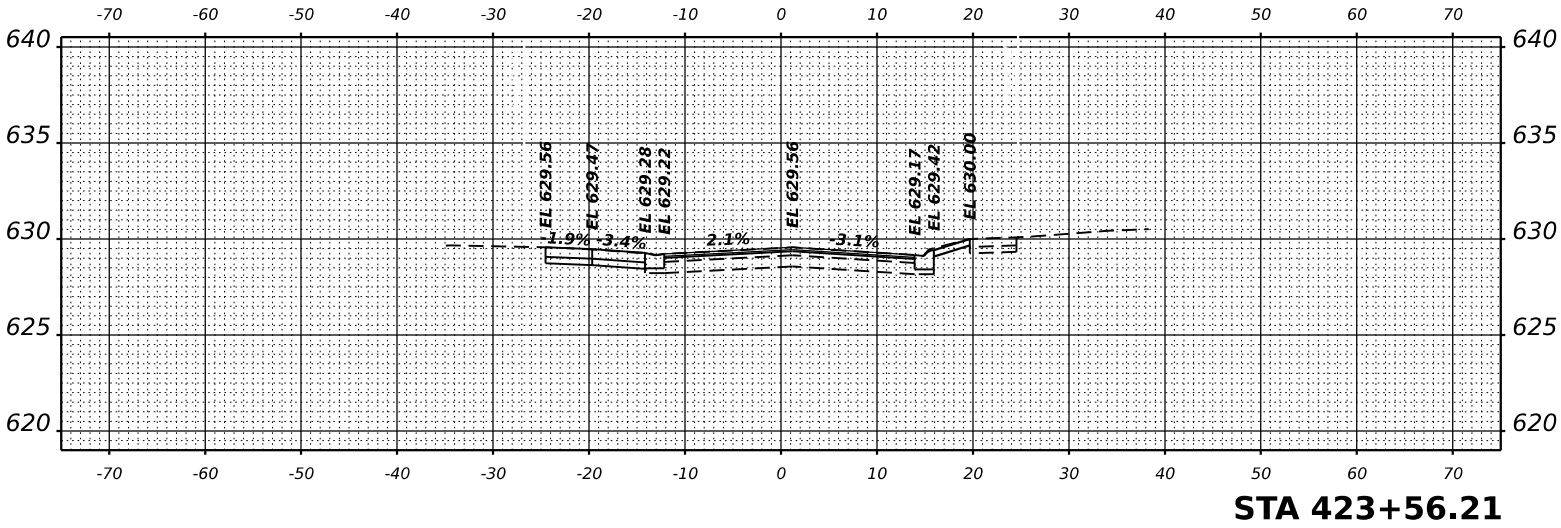
STA 424+51.47



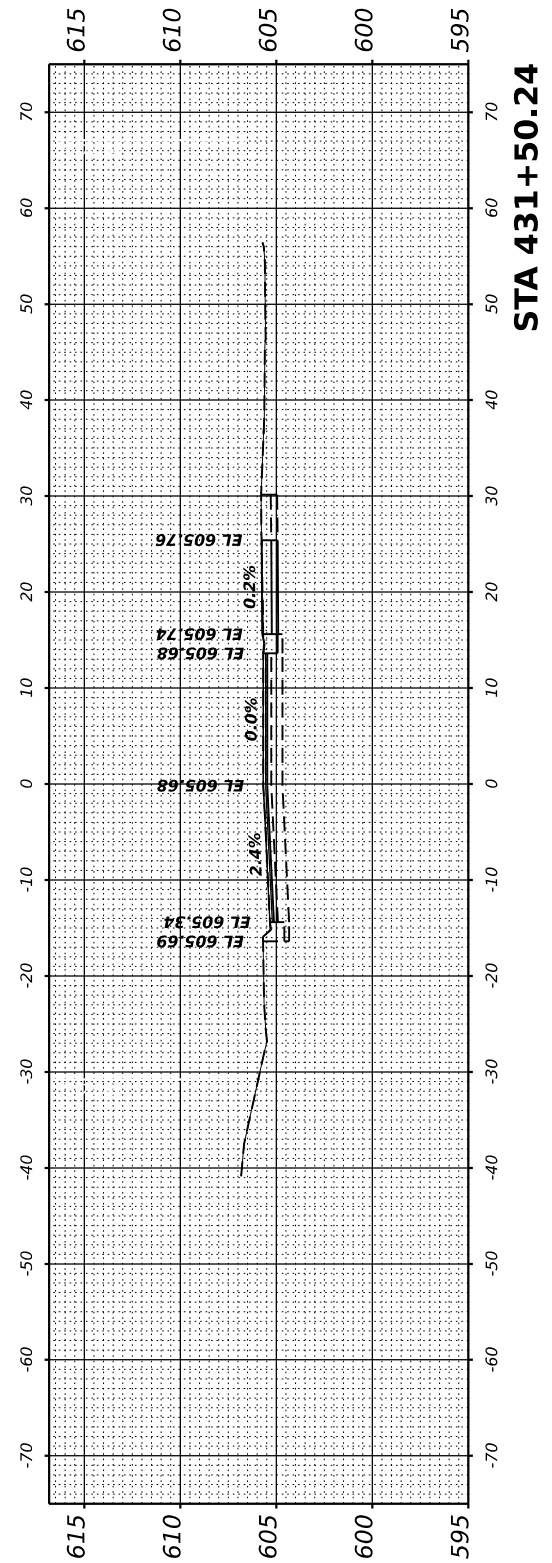
STA 424+02.19

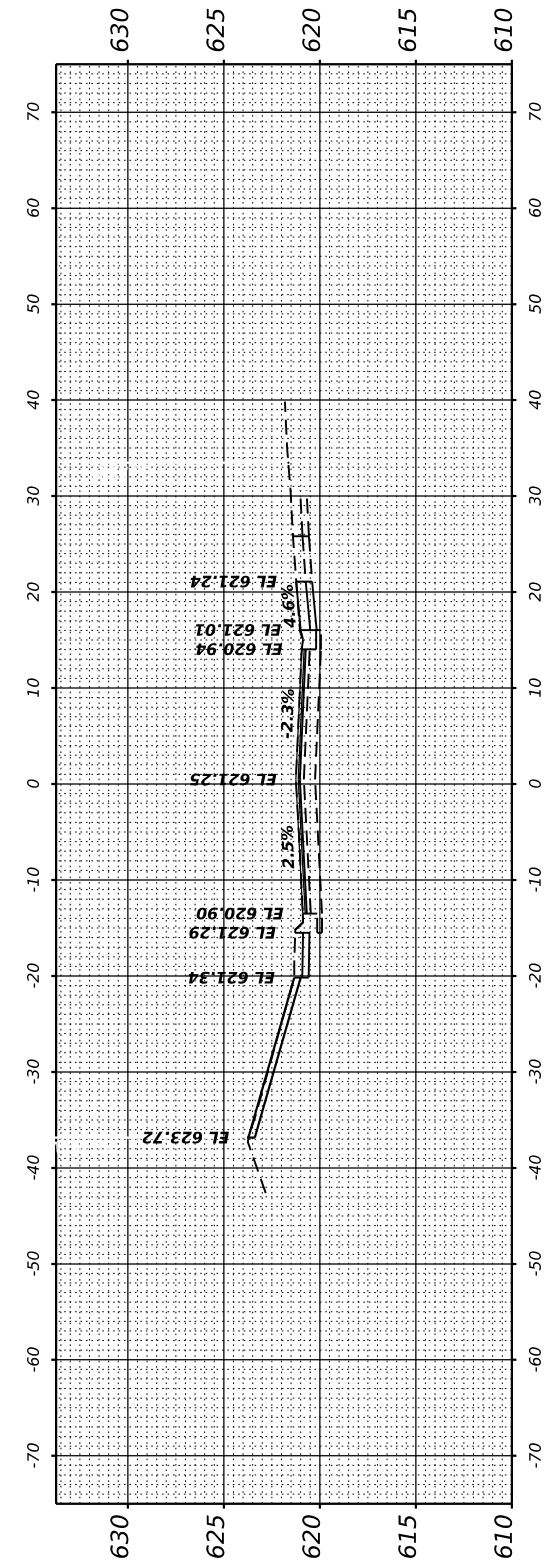


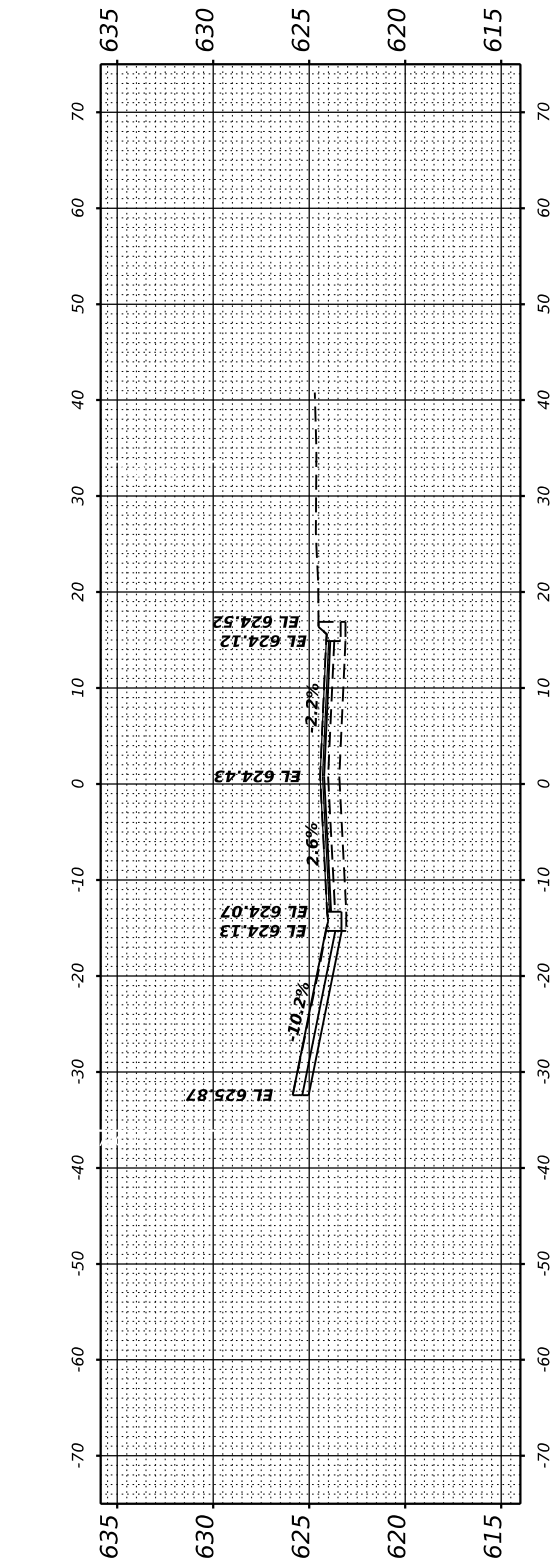
STA 423+69.47

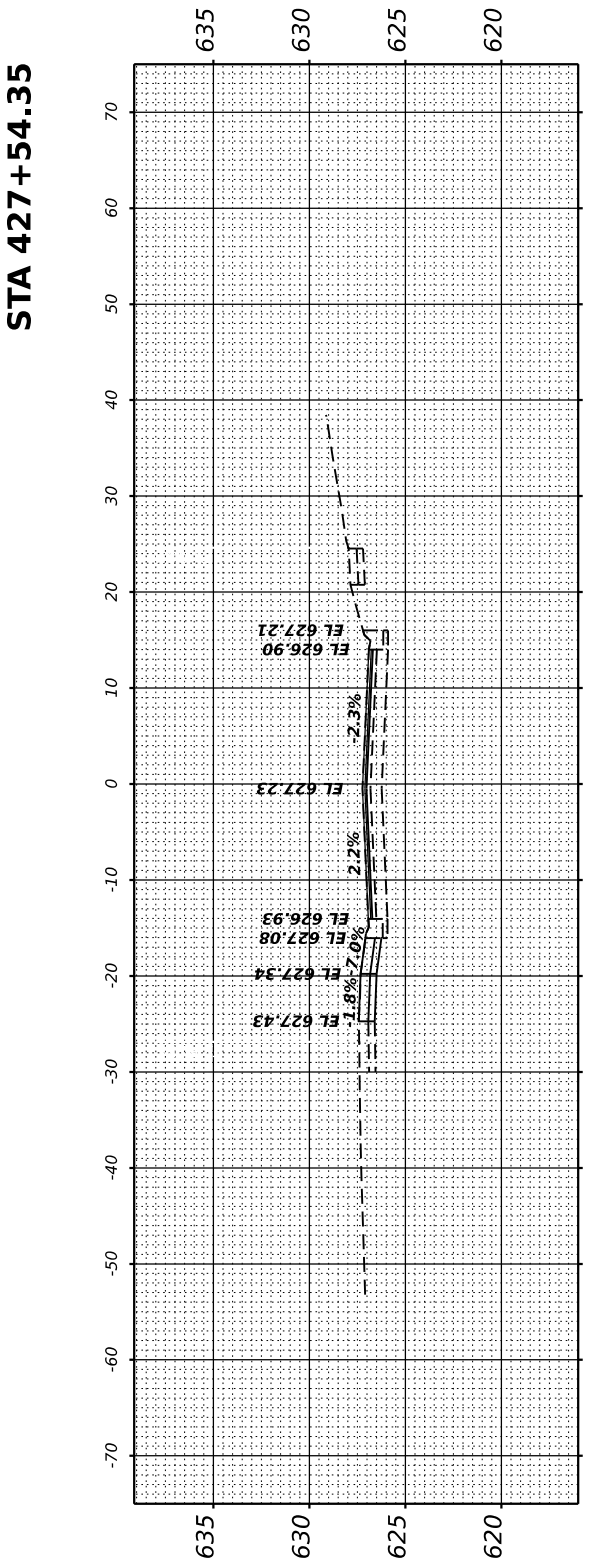


STA 423+56.21









V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

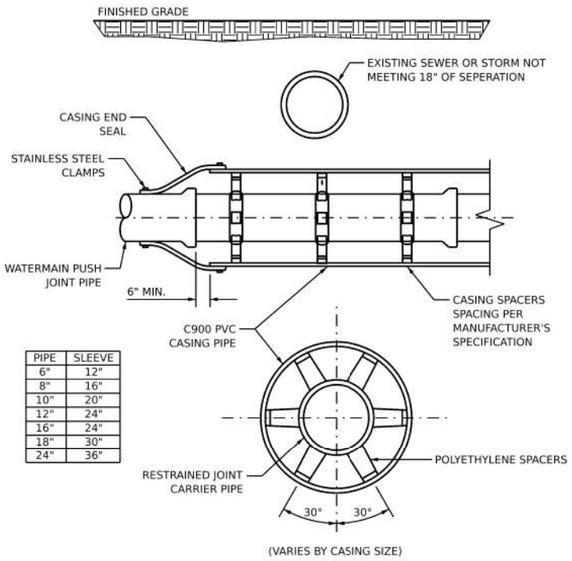
USER NAME = jholy	DESIGNED - ____	REVISED - ____	REVISED - ____
	DRAWN - ____	REVISED - ____	REVISED - ____
PLOT SCALE =	CHECKED - ____	REVISED - ____	REVISED - ____
PLOT DATE = 3/11/2025	DATE - ____	REVISED - ____	REVISED - ____

WATER MAIN REPLACEMENT
OAKLAND AVENUE
CREST HILL ILLINOIS

CROSS SECTIONS
SCALE: 1"=10" | SHEET 5 OF 5 SHEETS | STA. 425+25.00 TO STA. 432+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	37

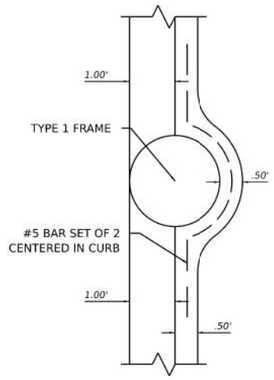
PROJECT NO. 230652



PIPE	SLEEVE
6"	12"
8"	16"
10"	20"
12"	24"
16"	24"
18"	30"
24"	36"

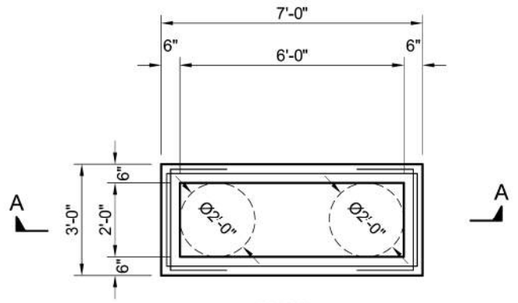
CASING SPACERS

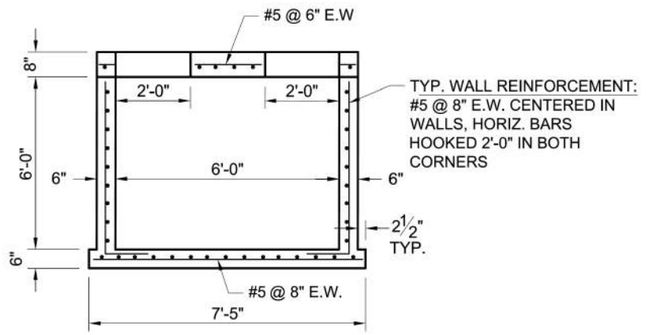
NOTES:
1. CASING PIPE SHALL EXTEND 10' IN EITHER DIRECTION OF THE CONFLICTING PIPE.
2. REFERENCE THE CITY OF CREST HILL WATERMAIN LOWERING DETAIL FOR MORE INFORMATION.



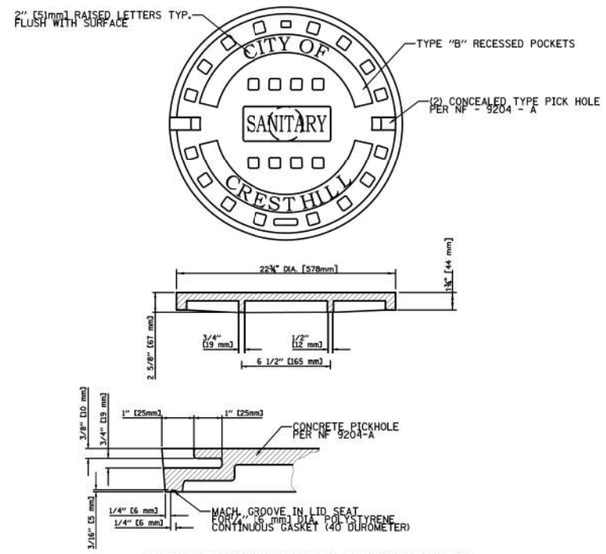
CURB WITH TYPE 1 FRAME AND GRATE

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.



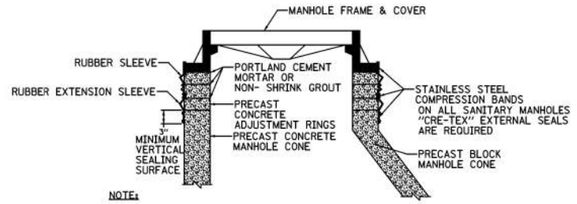


CATCH BASIN (SPECIAL)



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 ⅜ 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 48±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).

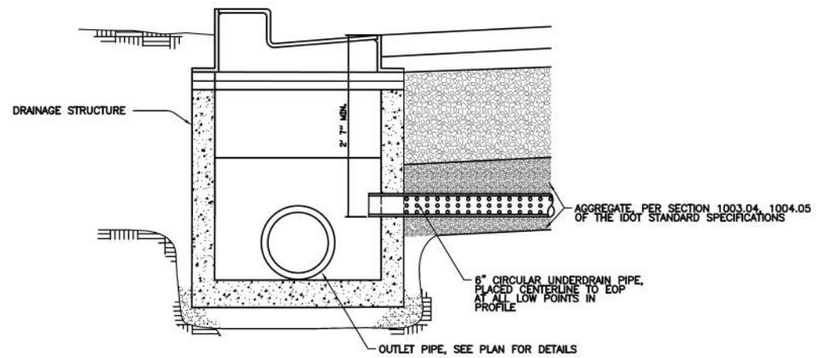
2) SEE THE CHIMNEY HEIGHT TABLE BELOW FOR SEAL AND EXTENSION COMBINATIONS NEEDED TO SPAN FROM THE FRAME TO THE TOP OF THE CONE ON MANHOLES WITH VARIOUS CHIMNEY HEIGHTS. FRAME OFFSETS OR DIAMETER DIFFERENCES WILL REDUCE THESE SPAN HEIGHTS.

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 3" - 6.5"
STANDARD SEAL + EXTENSION	OVER 6.5" - 13.5"
STANDARD SEAL + MULTI EXTENSIONS	OVER 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

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mastr\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

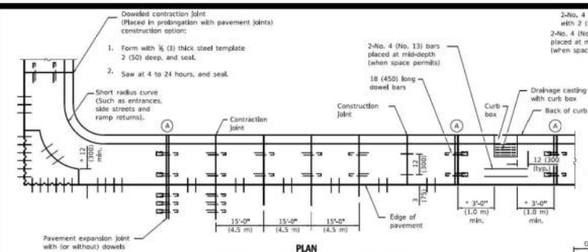
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS
SCALE: SHEET 1 OF 22 SHEETS STA. TO STA.

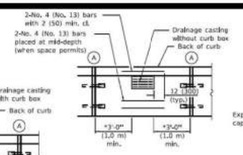
COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	38

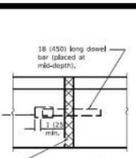
PROJECT NO. 230652



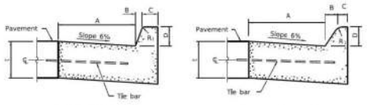
PLAN

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE



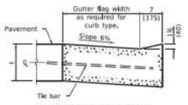


DETAIL (A) EXPANSION JOINT

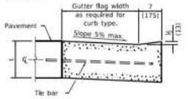


BARRIER CURB

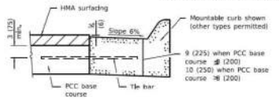
MOUNTABLE CURB



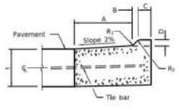
DEPRESSED CURB (TYPICAL)



DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



M-2.06 (M-5.15) and M-2.12 (M-5.30)

TABLE OF DIMENSIONS BARRIER CURB

TYPE	A	B	C	D	R_1	R_2
B-6.06 * (B-15.15)	6 (150)	1 (25)	6 (150)	6 (150)	3 (25)	
B-6.12 (B-15.3)	12 (300)	1 (25)	6 (150)	6 (150)	3 (25)	
B-6.18 (B-15.45)	18 (450)	1 (25)	6 (150)	6 (150)	3 (25)	
B-6.24 (B-15.60)	24 (600)	1 (25)	6 (150)	6 (150)	3 (25)	
B-9.12 (B-22.30)	12 (300)	1 (25)	9 (225)	9 (225)	3 (25)	
B-9.18 (B-22.45)	18 (450)	1 (25)	9 (225)	9 (225)	3 (25)	
B-9.24 (B-22.60)	24 (600)	2 (50)	9 (225)	9 (225)	3 (25)	

* For corner islands only.

TABLE OF DIMENSIONS MOUNTABLE CURB

TYPE	A	B	C	D	R_1	R_2	
M-2.06 (M-5.15)	6 (150)	2 (50)	4 (100)	2 (50)	3 (75)	7 (175)	NA
M-2.12 (M-5.30)	12 (300)	2 (50)	4 (100)	2 (50)	3 (75)	7 (175)	NA
M-4.06 (M-10.15)	6 (150)	4 (100)	3 (75)	4 (100)	3 (75)		NA
M-4.12 (M-10.30)	12 (300)	4 (100)	3 (75)	4 (100)	3 (75)		NA
M-4.18 (M-10.45)	18 (450)	4 (100)	3 (75)	4 (100)	3 (75)		NA
M-4.24 (M-10.60)	24 (600)	4 (100)	3 (75)	4 (100)	3 (75)		NA
M-6.06 (M-15.15)	6 (150)	6 (150)	3 (75)	6 (150)	3 (75)		NA
M-6.12 (M-15.30)	12 (300)	6 (150)	3 (75)	6 (150)	3 (75)		NA
M-6.18 (M-15.45)	18 (450)	6 (150)	3 (75)	6 (150)	3 (75)		NA
M-6.24 (M-15.60)	24 (600)	6 (150)	3 (75)	6 (150)	3 (75)		NA

NOTES:

1. THE FOLLOWING SHALL BE STAMPED IN THE CURB AT THE FOLLOWING LOCATIONS:
   "W" – WATER SERVICES
   "S" – SANITARY SEWER SERVICES
   "ST" – STORM SEWER SERVICES
   "CO" – STORM SEWER SERVICE LINE CLEAN–OUTS

GENERAL NOTES

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

t = Thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 36 (900) centers in accordance with details for longitudinal construction joint shown on Standard 420601.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

The dowel bars shown in contraction joints will only be required for monolithic construction.

See Standard 606301 for details of corner islands.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-18	Revised General Note for tie bar spacing to 36 (900) cts.
1-1-15	Added B-6.06 (B-15.15) barrier curb and gutter to table (corner islands only).

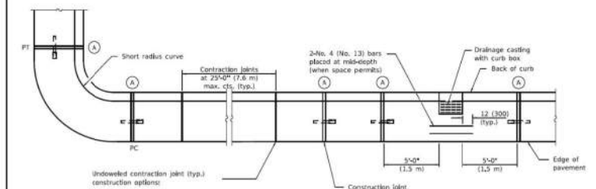
Illinois Department of Transportation

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

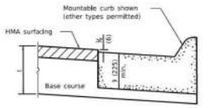
(Sheet 1 of 2)

STANDARD 606001-**

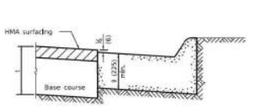
**–USE CURRENT IDOT STANDARD



PLAN



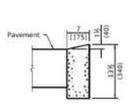
ON DISTURBED SUBGRADE



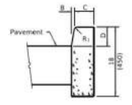
ON UNDISTURBED SUBGRADE

NOTES: ADJACENT TO FLEXIBLE PAVEMENT

1. DEPRESSED CURB TO BE USED AT ALL RESIDENTIAL OR COMMERCIAL DRIVEWAYS.
2. ALL MATERIALS REQUIRED TO CONSTRUCT THE CURB OR CURB AND GUTTER SHALL BE ACCORDING TO SECTION 606 OF THE LATEST IDOT STANDARD SPECIFICATIONS.
3. REQUIRED EXCAVATION, FORMS, PROPER TIMING, AND PLACING SHALL BE DONE ACCORDING TO SECTION 606 OF THE LATEST IDOT STANDARD SPECIFICATIONS.
4. ALL POINTS WHERE THE PROPOSED OR EXISTING SIDEWALK OR DRIVEWAY OCCUPIES THE ENTIRE SPACE BETWEEN THE CURB AND AN ADJACENT BUILDING OR PERMANENT STRUCTURE, 1" PREFORMED EXPANSION JOINT SHALL BE PLACED BETWEEN THE SIDEWALK, BUILDING, OR DRIVEWAY PAVEMENT AND THE PROPOSED CURB. THE EXPANSION JOINT SHALL EXTEND THE ENTIRE DEPTH OF SIDEWALK AND/OR DRIVEWAY.

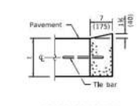


DEPRESSED CURB

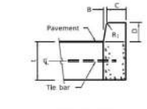


BARRIER CURB

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB



BARRIER CURB

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

Illinois Department of Transportation

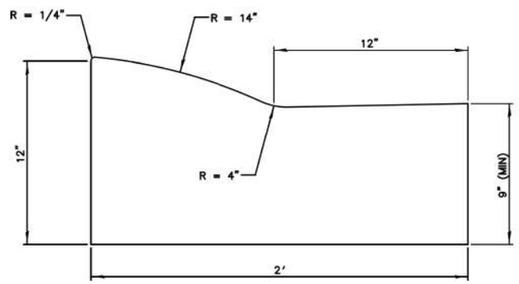
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 2 of 2)

STANDARD 606001-**

**–USE CURRENT IDOT STANDARD

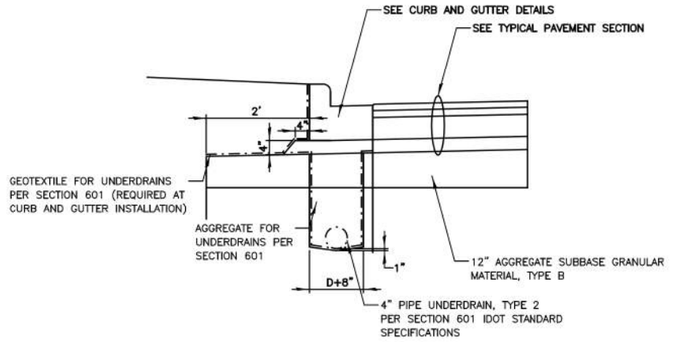
COMBINATION CONCRETE CURB AND GUTTER



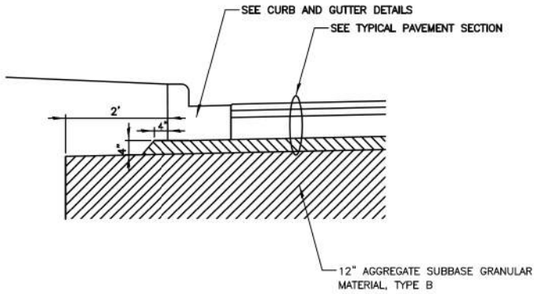
NOTES:

1. THE FOLLOWING SHALL BE STAMPED IN THE CURB AT THE FOLLOWING LOCATIONS:
   "W" – WATER SERVICES
   "S" – SANITARY SEWER SERVICES
   "ST" – STORM SEWER SERVICES
   "CO" – STORM SEWER SERVICE LINE CLEAN–OUTS
2. TO BE USED ONLY IN AREAS WHERE EXISTING ROLLED CURB AND GUTTER EXIST. NOT TO BE USED IN NEW CONSTRUCTION.

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	CHKD.

FILE NAME: N:\CRESTHILL\210328\Civil\Ref\details.dgn

DSGN. | DWN. | CHKD. | SCALE: | PLOT DATE: 11/10/2021 | CAD USER: jspeelman | MODEL: Default

TITLE:

CITY OF CREST HILL
PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS

PROJ. NO.
DATE: 11/10/2021
SHEET OF
DRAWING NO.
PVT–2

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

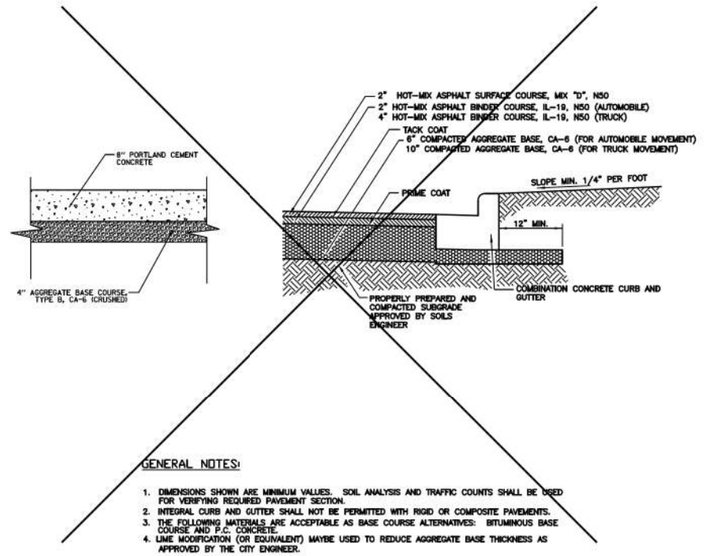
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS
SCALE: SHEET 2 OF 22 SHEETS STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	39

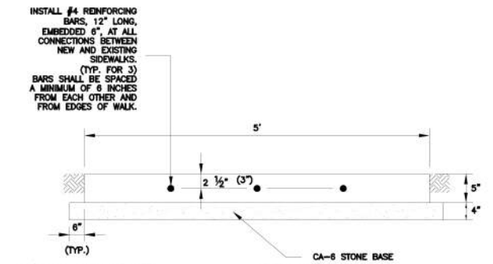
PROJECT NO. 230652



GENERAL NOTES:

1. DIMENSIONS SHOWN ARE MINIMUM VALUES. SOIL ANALYSIS AND TRAFFIC COUNTS SHALL BE USED FOR VERIFYING REQUIRED PAVEMENT SECTION.
2. INTEGRAL CURB AND GUTTER SHALL NOT BE PERMITTED WITH RIGID OR COMPOSITE PAVEMENTS.
3. THE FOLLOWING MATERIALS ARE ACCEPTABLE AS BASE COURSE ALTERNATIVES: BITUMINOUS BASE COURSE AND P.C. CONCRETE.
4. LIME MODIFICATION (OR EQUIVALENT) MAYBE USED TO REDUCE AGGREGATE BASE THICKNESS AS APPROVED BY THE CITY ENGINEER.

TYPICAL PARKING LOT PAVEMENT



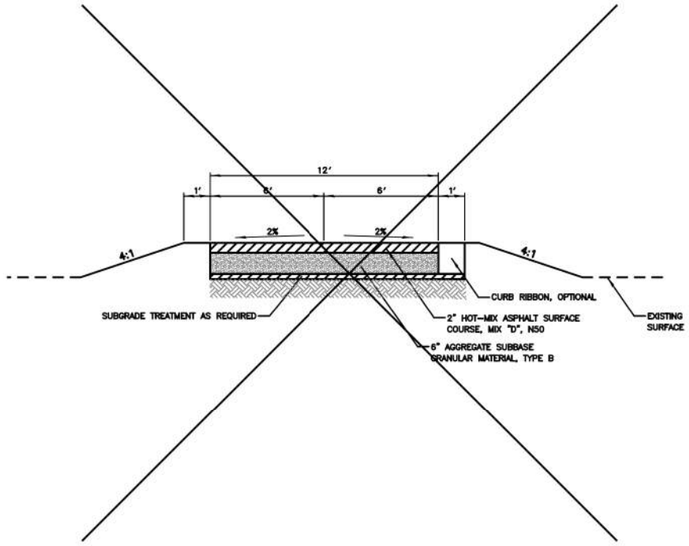
ADA/PROWAG COMPLIANCE NOTES:

1. ALL SIDEWALKS AND CURB RAMPS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH CURRENT IDOT STANDARD DETAILS FOR CURB RAMPS, AS WELL AS CURRENT ADA AND PROWAG REGULATIONS. APPLICABLE IDOT STANDARD CURB RAMP DETAILS SHALL BE INCLUDED IN PLANS SUBMITTED TO THE CITY FOR REVIEW.
2. DEVELOPMENT PLANS SHALL INCLUDE A DETAIL FOR EACH CURB RAMP WITHIN THE PUBLIC ROW WITH SUFFICIENT INFO TO DEMONSTRATE COMPLIANCE WITH CURRENT ADA/PROWAG REQUIREMENTS, INCLUDING PLACEMENT OF DETECTABLE WARNINGS, PROPOSED SPOT ELEVATIONS, SLOPES AND GRADE BREAKS.
3. FOR DEVELOPMENT PROJECTS, ALL CURB RAMPS WITHIN THE PUBLIC ROW SHALL BE CONSTRUCTED AS PART OF THE ROADWAY CONSTRUCTION. THE DEVELOPER AND THEIR CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CURB RAMPS AND SIDEWALKS ARE FULLY COMPLIANT WITH CURRENT ADA/PROWAG REGULATIONS. THE CITY WILL NOT ACCEPT PUBLIC IMPROVEMENTS UNTIL ALL FACILITIES IN THE PUBLIC ROW HAVE BEEN VERIFIED BY THE CITY TO BE IN COMPLIANT.

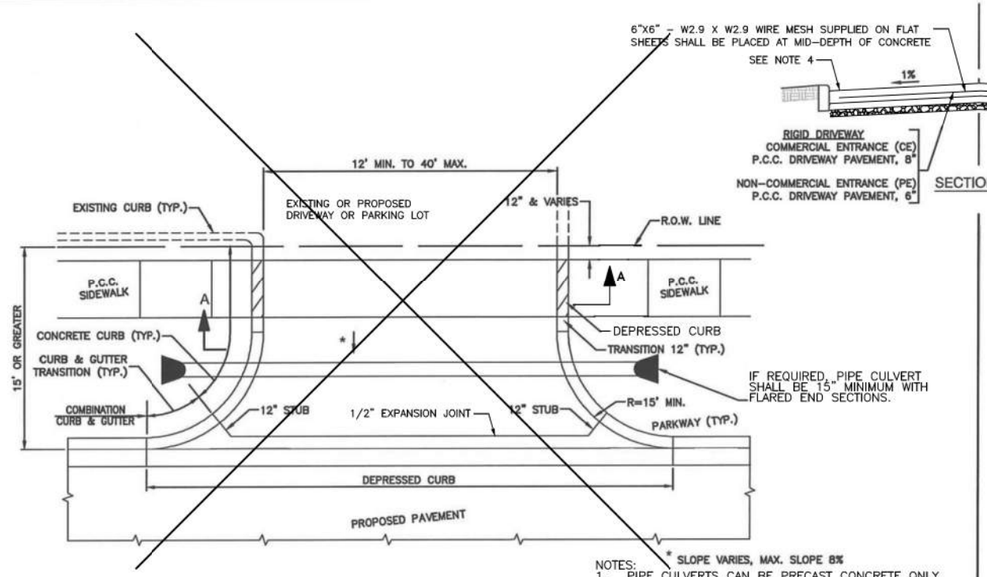
GENERAL NOTES:

1. ALL SIDEWALK SHALL BE CONSTRUCTED WITH IDOT CLASS "SI" CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 14 DAYS
2. PREFORMED EXPANSION JOINTS (¾" THICK) SHALL BE CONSTRUCTED IN SIDEWALK EVERY 100 FEET AND AT ALL ABUTTING DRIVEWAYS AND CURB AND GUTTER.
3. TOOLED CONTRACTION JOINTS SHALL BE CONSTRUCTED IN SIDEWALK EVERY FIVE FEET.
4. SIDEWALK SHALL HAVE ¼" PER FOOT CROSS-SLOPE.
5. WELDED WIRE FABRIC (6X6/6X6) OR FIBER MESH SHALL BE INSTALLED THROUGH DRIVEWAYS AT 2" ABOVE SLAB BOTTOM.
6. FORMBOARD REQUIREMENTS: MINIMUM 2" X 6".
7. USE 2 #4 REINFORCING BARS, 10' LONG OVER ALL UTILITY TRENCHES FOR NEW SIDEWALK.
8. AT DRIVEWAYS, SIDEWALK PCC AND BASE THICKNESS SHALL MATCH THAT OF THE DRIVEWAY.

SIDEWALK



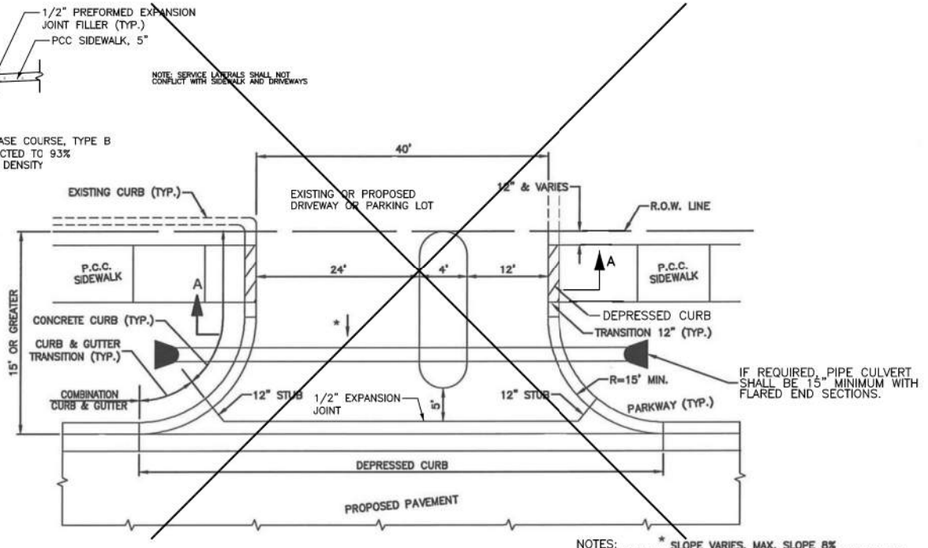
MULTI-USE PATH



NOTES:

1. PIPE CULVERTS CAN BE PRECAST CONCRETE ONLY ON ARTERIALS AND COLLECTORS.
2. DRIVEWAYS SHALL BE IN ACCORDANCE WITH SECTION 423 OF THE IDOT STANDARD SPECIFICATIONS
3. SERVICE LATERALS SHALL NOT CONFLICT WITH SIDEWALK AND DRIVEWAYS
4. NO WIRE MESH TO BE PLACED IN DRIVEWAY APRONS.

DRIVE DETAIL WITH CONCRETE CURB, TYPE B



NOTES:

1. MEDIAN CAN BE A RAISED MEDIAN, CORRUGATED MEDIAN, OR FLUSH MEDIAN
2. PIPE CULVERTS CAN BE PRECAST CONCRETE ONLY ON ARTERIALS AND COLLECTORS.
3. DRIVEWAYS SHALL BE IN ACCORDANCE WITH SECTION 423 OF THE IDOT STANDARD SPECIFICATIONS
4. SERVICE LATERALS SHALL NOT CONFLICT WITH SIDEWALK AND DRIVEWAYS

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	CHKD.

FILE NAME: N:\CRESTHILL\210328\Civil\Ref\details.dgn

DSGN.	
DWN.	
CHKD.	
SCALE:	
PLOT DATE:	11/10/2021
CAD USER:	jspeelman
MODEL:	Default

TITLE:

CITY OF CREST HILL
PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS

PROJ. NO.	
DATE:	11/10/2021
SHEET	OF
DRAWING NO.	PVT-3

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

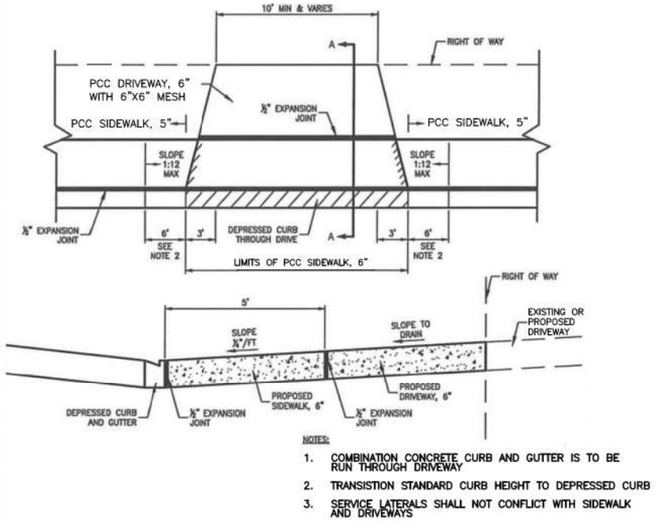
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS
SCALE: SHEET 3 OF 22 SHEETS STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	40

PROJECT NO. 230652

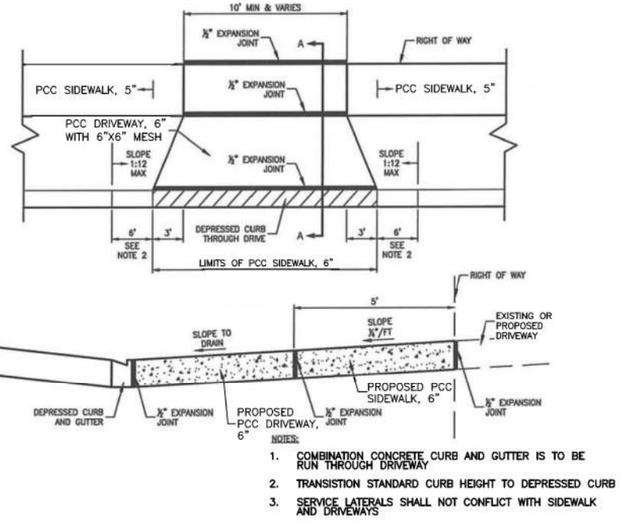


NOTES:

1. COMBINATION CONCRETE CURB AND GUTTER IS TO BE RUN THROUGH DRIVEWAY
2. TRANSISTION STANDARD CURB HEIGHT TO DEPRESSED CURB
3. SERVICE LATERALS SHALL NOT CONFLICT WITH SIDEWALK AND DRIVEWAYS

RESIDENTIAL DRIVEWAY DETAIL

WHERE SIDEWALK IS ADJACENT TO CURB

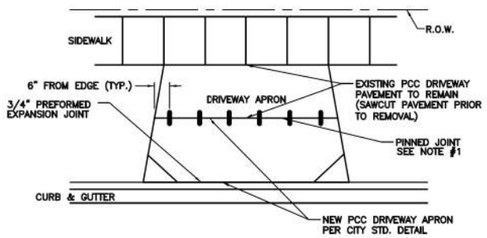


NOTES:

1. COMBINATION CONCRETE CURB AND GUTTER IS TO BE RUN THROUGH DRIVEWAY
2. TRANSISTION STANDARD CURB HEIGHT TO DEPRESSED CURB
3. SERVICE LATERALS SHALL NOT CONFLICT WITH SIDEWALK AND DRIVEWAYS

RESIDENTIAL DRIVEWAY DETAIL

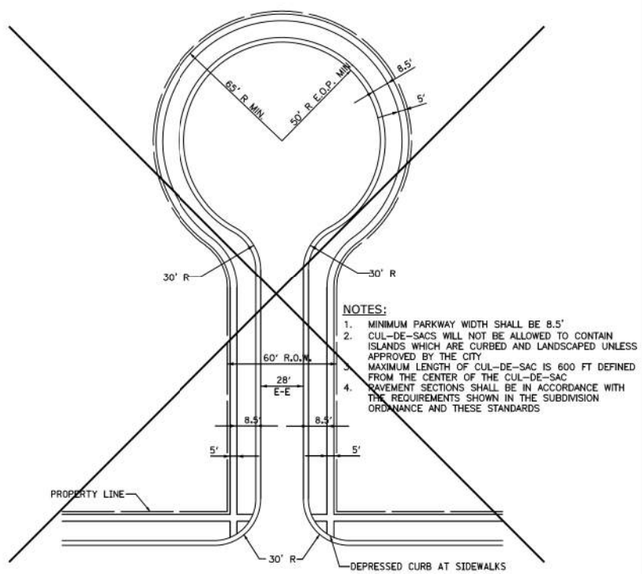
WHERE SIDEWALK IS AT RIGHT OF WAY LINE



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 6". 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 WRE 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.

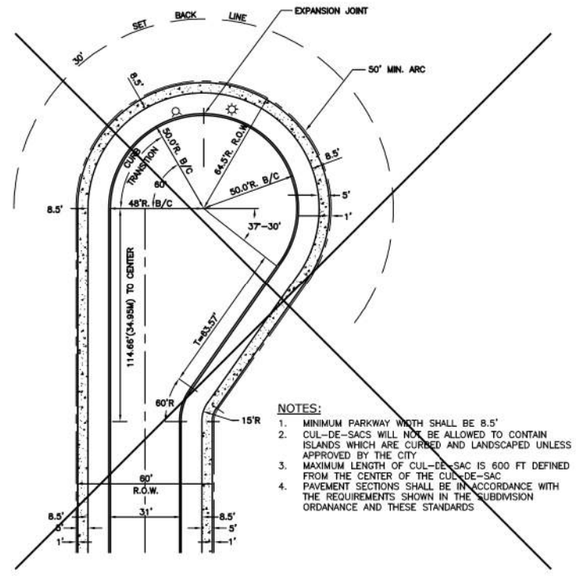
DRIVEWAY PINNING



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 ORDANANCE AND THESE STANDARDS

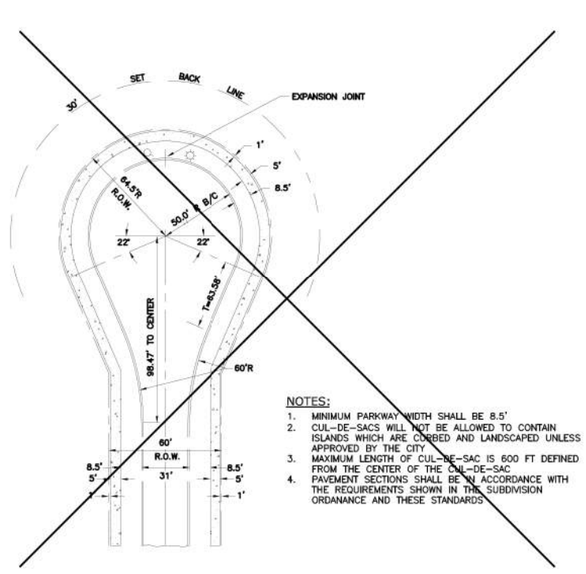
RESIDENTIAL CUL-DE-SAC



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 ORDANANCE 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 ORDANANCE 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.
FILE NAME		N:\CRESTHILL\20328\Civil\Ref\details.dgn	

DSGN.	
DWN.	
CHKD.	
SCALE:	
PLOT DATE:	11/10/2021
CAD USER:	jspeelman
MODEL:	Default

TITLE:

CITY OF CREST HILL PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS

PROJ. NO.	
DATE:	11/10/2021
SHEET	OF
DRAWING NO.	PVT-5

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

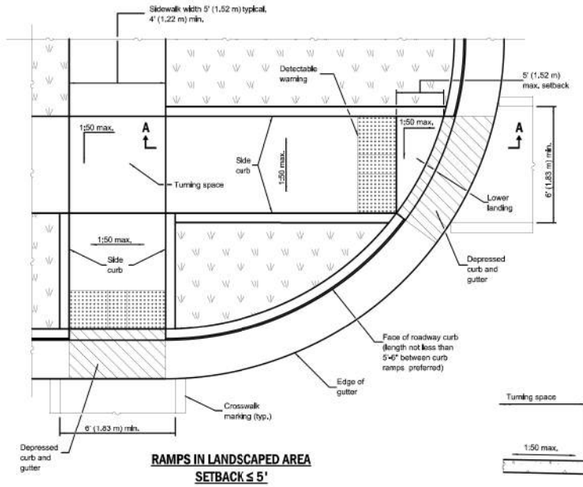
WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS

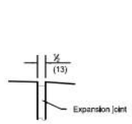
SCALE: | SHEET 4 OF 22 SHEETS | STA. | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	41

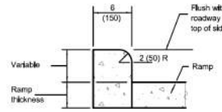
PROJECT NO. 230652



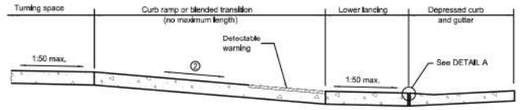
RAMPS IN LANDSCAPED AREA
SETBACK ≤ 5'



DETAIL A



SIDE CURB DETAIL



SECTION A-A

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

GENERAL NOTES

See ADA notes on page NOT-1.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1,52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

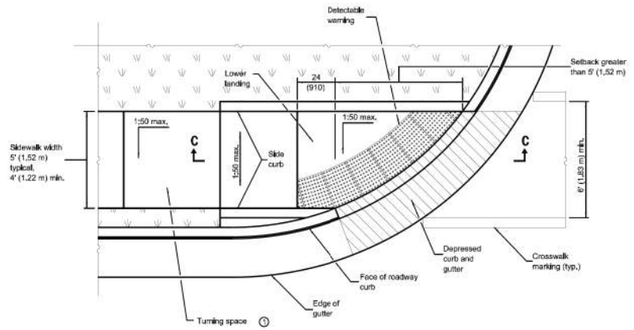
Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

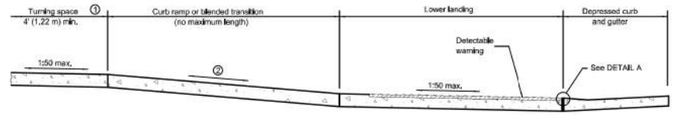
See Standard 606001-XX for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

XX - Use current IDOT standard.



RAMP IN LANDSCAPED AREA
SETBACK > 5'

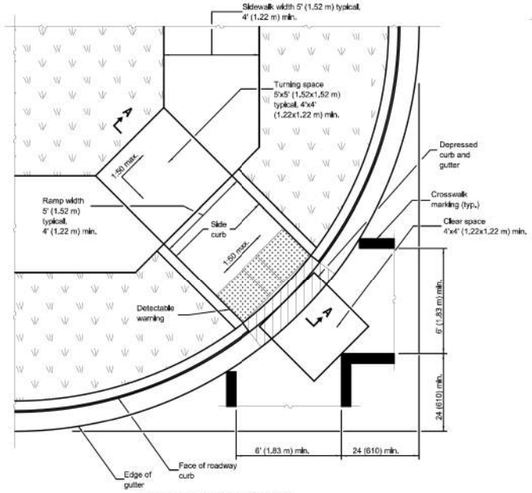


SECTION C-C

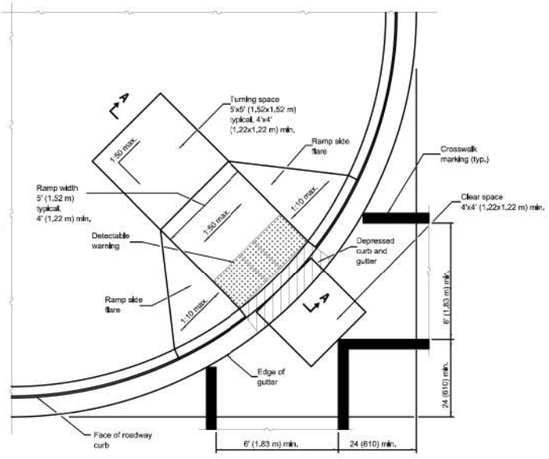
① This turning space not required for blended transitions.

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

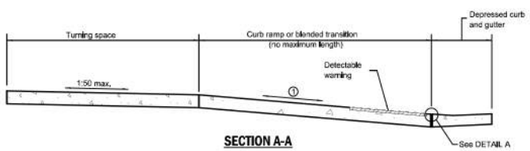
PERPENDICULAR CURB RAMPS FOR SIDEWALKS (424001-XX)



RAMP IN LANDSCAPED AREA

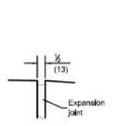


RAMP IN PAVED AREA

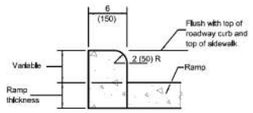


SECTION A-A

① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.



DETAIL A



SIDE CURB DETAIL

GENERAL NOTES

See ADA notes on page NOT-1.

This Standard shall only be used for curb radii of 20 ft. (6,1 m) or greater.

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1,52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

See Standard 606001-XX for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

XX - Use current IDOT standard.

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		N:\CRESTHILL\210328\Civil\Ref\details.dgn	

DSGN.	
DWN.	
CHKD.	
SCALE:	
PLOT DATE:	11/10/2021
CAD USER:	jspeelman
MODEL:	Default

TITLE:
CITY OF CREST HILL
PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS

PROJ. NO.	
DATE:	11/10/2021
SHEET	OF
DRAWING NO.	PVT-6

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

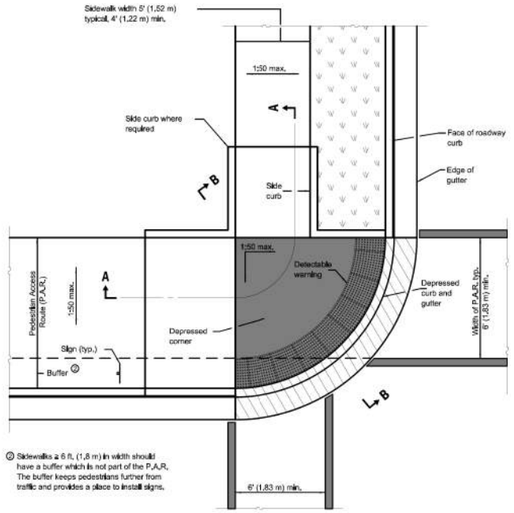
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

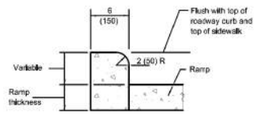
WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS
SCALE: SHEET 5 OF 22 SHEETS STA. TO STA.

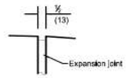
COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	42
PROJECT NO. 230652		



② Sidewalks ≥ 6 ft. (1,8 m) in width should have a buffer which is not part of the P.A.R. The buffer keeps pedestrians further from traffic and provides a place to install signs.



SIDE CURB DETAIL



DETAIL A

GENERAL NOTES

See ADA notes on page NOT-1.

This standard shall only be used for curb radii of 6 ft. (1,83 m) or greater.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:50 maximum slope is shown, 1:54 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

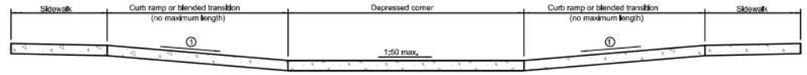
Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001-XX for details of depressed curb adjacent to curb ramp.

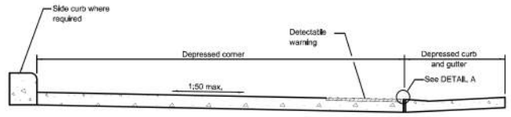
All dimensions are in inches (millimeters) unless otherwise shown.

XX - Use current IDOT standard.



SECTION A-A

① The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

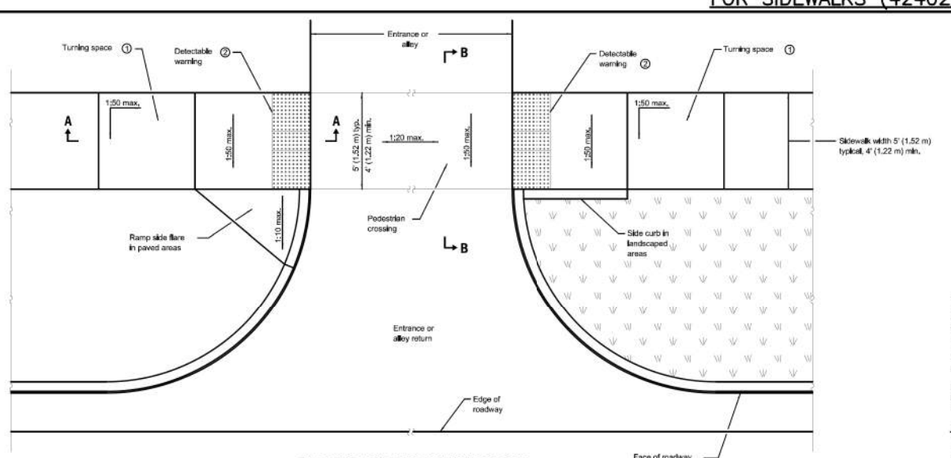


SECTION B-B

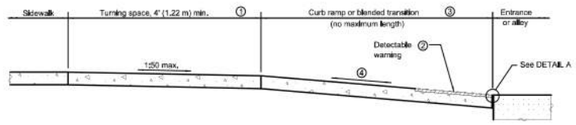
DEPRESSED CORNER FOR SIDEWALKS (424021-XX)

② Detectable warning shall only be installed at entrances/alleys with permanent traffic control devices (i.e. stop signs, signals).

③ Where possible, maintain the grade of the sidewalk across the entrance/alley to avoid the need for ramps and turning spaces.



ENTRANCE / ALLEY PEDESTRIAN CROSSING



SECTION A-A

① Turning space not required for blended transitions.

④ The running slope of a curb ramp shall be 1:20 min and 1:12 max. The running slope of a blended transition shall be 1:20 max.

GENERAL NOTES

See ADA notes on page NOT-1.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:50 maximum slope is shown, 1:54 is preferred.

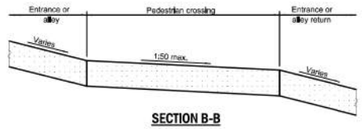
Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

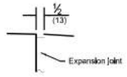
Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

All dimensions are in inches (millimeters) unless otherwise shown.

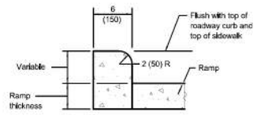
XX - Use current IDOT standard.



SECTION B-B



DETAIL A



SIDE CURB DETAIL

ENTRANCE/ALLEY PEDESTRIAN CROSSINGS (424026-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	N:\CRESTHILL\210328\Civil\Ref\details.dgn		

DSGN.	
DWN.	
CHKD.	
SCALE:	
PLOT DATE:	11/10/2021
CAD USER:	jspeelman
MODEL:	Default

TITLE:
CITY OF CREST HILL
PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS

PROJ. NO.	
DATE:	11/10/2021
SHEET	OF
DRAWING NO.	PVT-8

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

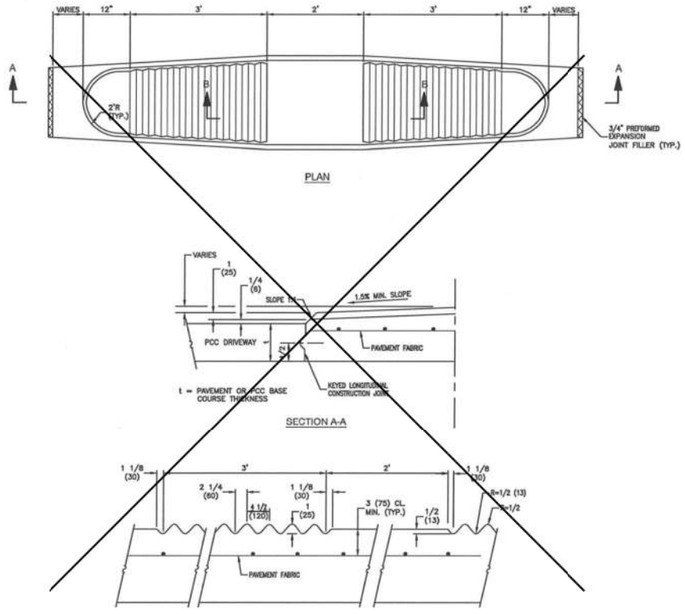
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

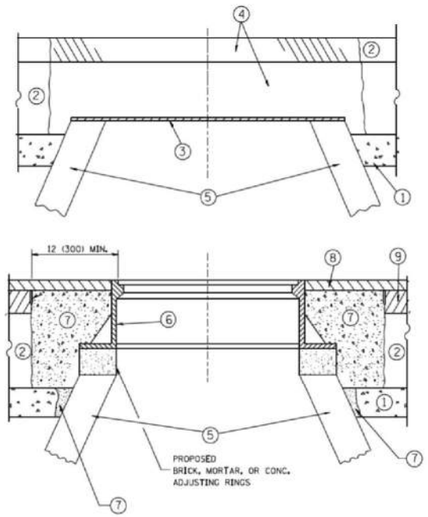
WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS
SCALE: | SHEET 6 OF 22 SHEETS | STA. | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	43
PROJECT NO. 230652		



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 NOTES)
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 WILL 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 353, 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 .

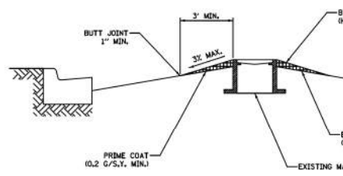
BASIS OF PAYMENT:

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.

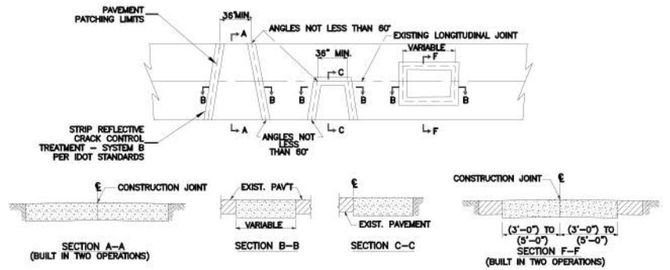
FRAME ADJUSTMENT WHEN MILLING



NOTES:

1. TO BE USED WHEN PLATING PROCEDURE OF FRAME ADJUSTMENT AND MILLING IS NOT POSSIBLE.
2. RAMP TO BE MAINTAINED THROUGHOUT THE WINTER 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.

FILE NAME: N:\CRESTHILL\210328\Civil\Ref\details.dgn

DSGN.	
DWN.	
CHKD.	
SCALE:	
PLOT DATE:	11/10/2021
CAD USER:	jspeelman
MODEL:	Default

TITLE:
CITY OF CREST HILL
PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS

PROJ. NO.
DATE: 11/10/2021
SHEET OF
DRAWING NO.
PVT-10

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

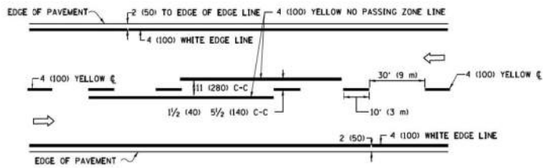
WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS
SCALE: SHEET 7 OF 22 SHEETS STA. TO STA.

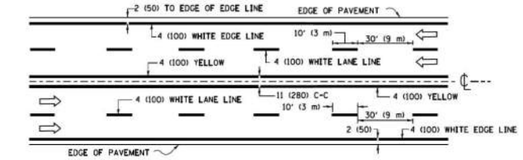
COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	44

PROJECT NO. 230652

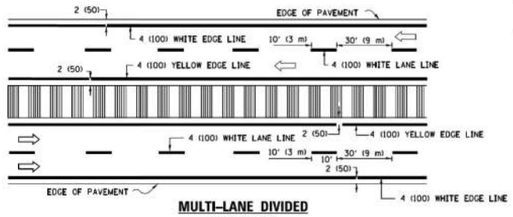
MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Master\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn



2–LANE ROADWAY

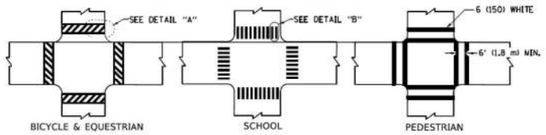


MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

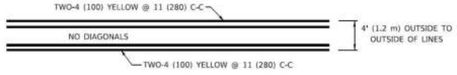




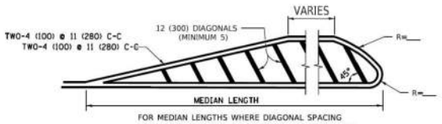
DETAIL "A" DETAIL "B"

TYPICAL CROSSWALK MARKING

✱ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



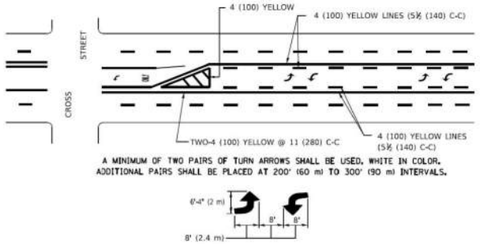
4' (1.2 m) WIDE MEDIANS ONLY



FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

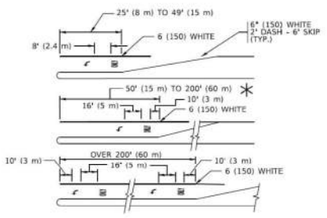
MEDIANS OVER 4' (1.2 m) WIDE



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED. WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

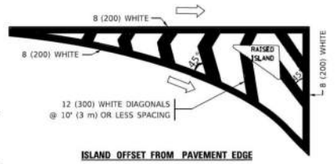


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)

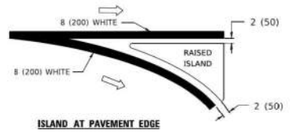
✱ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - *ONLY* INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - *ONLY*.

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE

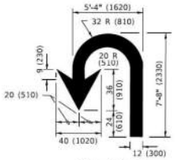


ISLAND AT PAVEMENT EDGE

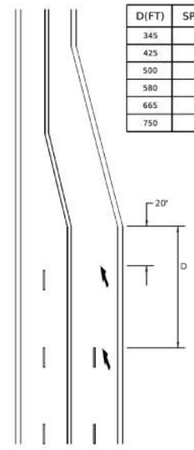
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

✱ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

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)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS 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 WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2,4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m² EACH "X"=54.0 SQ. FT. (5.0 m²
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: Default
FILE NAME: p:\cl\d841800\TEC\Roads.gpw\PWDOT\Documents\DOT Offices\District 1\Projects\Districts\2x12x14\CADD\xref\CAD_Sheets\D1230652_std_Details (OAKLAND).dgn

USER NAME = footerrl	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	
	DRAWN -	REVISED - C. JUCIUS 07-01-13	
PLOT SCALE = 50.0000 ' / In.	CHECKED -	REVISED - C. JUCIUS 12-21-15	
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC–13	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

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	CHKD.
FILE NAME	N:\CRESTHILL\230328\Civil\Ref\details.dgn		

DSGN.
DWN.
CHKD.
SCALE:
PLOT DATE: 11/10/2021
CAD USER: jepeelman
MODEL: Default

TITLE:
CITY OF CREST HILL
PAVEMENT, CURB AND GUTTER, AND SIDEWALK STANDARD DETAILS

PROJ. NO.
DATE: 11/10/2021
SHEET OF
DRAWING NO.
PVT–12

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Master\CADD_Sheets\D1230652_std_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS

SCALE: | SHEET 8 OF 22 SHEETS | STA. | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	45
PROJECT NO. 230652		

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 at 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 Kick brooms or sweeper attachments. These tend to spread the dirt rather than remove it.
4. If not mixed with debris or trash, consider incorporating 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 filter.
4. Stockpile outside rooting 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 "Surface Soil".
4. Stockpile outside rooting 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 IDENTIFY ADDITIONAL MEASURES NECESSARY TO REMAIN IN COMPLIANCE WITH ALL APPLICABLE STATUTES AND RULES.
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 **CIM** OR OTHER DESIGNATED ENTITY WITHIN FORTY-EIGHT (48) HOURS OF A REQUEST.
5. EVALUATION REPORTS MUST BE MAINTAINED FOR A PERIOD OF TWO (2) YEARS FROM DATE OF NOT.
6. ALL EVALUATION REPORTS WILL BE SUBMITTED TO THE OWNER WHEN REQUESTED.

SELF MONITORING PROGRAM

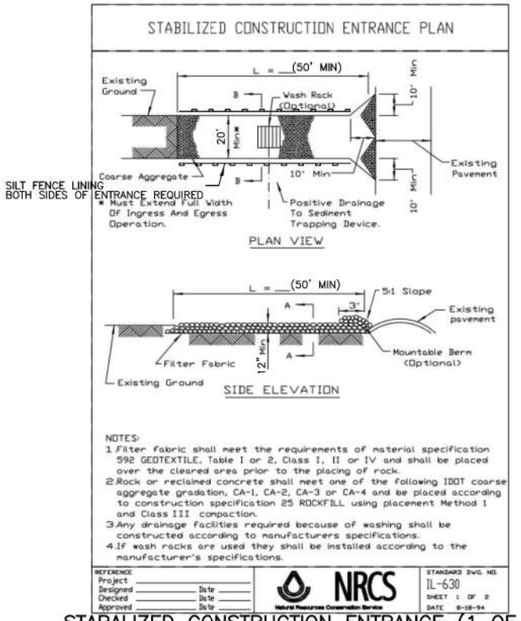
Date: _____
Project: _____
Inspected by: _____
Type of Inspection: ☐ Routine Weekly ☐ Rain Event (0.5" or more)

CONSTRUCTION SITE INSPECTION AND MAINTENANCE LOG
(To be completed by Trained Individual/Project Manager)

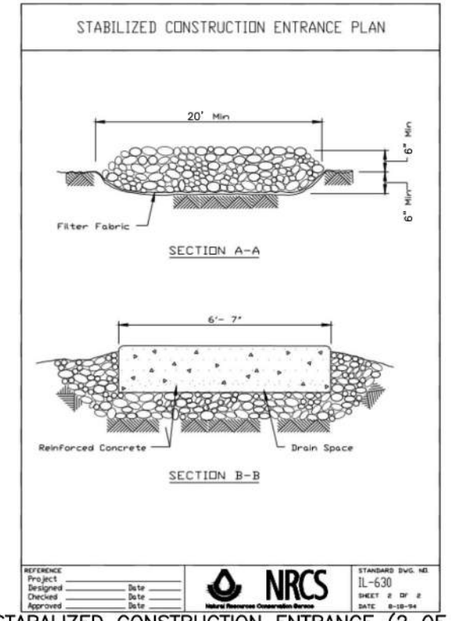
All approved stormwater pollution prevention practices shall be inspected and maintained as needed to ensure continued performance of their intended function during construction and shall continue until the entire site has been stabilized and an IDEM Notice of Termination (State Form 51514) has been issued. An inspection of the project site must be completed by the end of the next business day following each measurable storm event (0.5" or greater). If there are no measurable storm events within a given week, the site should be monitored at least once in that week. Maintenance and repair shall be conducted in accordance with the approved stormwater pollution prevention (SWP3) plan. This log shall be kept as a permanent record and must be made available to town stormwater inspectors, within forty-eight (48) hours upon request.

Yes	No	N/A	BMP	Description
			Permit Posting	Rule 5 Permit Information (NOI) and Stormwater Permit properly posted?
			Street Sweeping	Public roads at intersections with site access roads being kept clear of sediment, debris, and mud?
			Stable Entrance	Temporary construction entrance being maintenance?
			Silt Fence	Silt fence (or equivalent) installed properly and being maintained?
			Concrete Washout	Washout areas properly sited, clearly marked, and being utilized?
			Inlet Protection	Inlet protection devices installed and being maintained?
			Temporary Seeding	All areas of bare soil that have been inactive for 14 days or more are seeded?
			Erosion Blanket	All slopes 3:1 or greater that are at final grade are protected from erosion through the implementation of acceptable soil stabilization practices?
			Dewatering Bags	Dewatering structures functioning properly?
			Outfall Monitoring	All stormwater outfalls free of any noticeable pollutant discharges (including sediment)?
			Check Dams	Check dams are installed properly and being maintained?
			Staging Area	Construction staging and parking areas are being utilized as indicated on the plans?
			Soil Stockpiles	Soil stockpiles have been temporary seeded and has perimeter silt fence?
			Sediment Traps	Sediment traps have been installed in the proper location and are being maintained?
			Sensitive Areas	"Sensitive" areas designated on plan sheets clearly marked on-site and avoided?
			Fueling Areas	Bulk fueling area(s) have proper containment, spill kits and no signs of leaks or spills?
			Spill Response	Spill response equipment, emergency contact info, are accessible by all?
			Sequencing	Construction sequence is being followed according to the approved SWP3?
			Containment	Solid waste is properly contained?
			Hazmat Controls	Hazardous materials, waste or otherwise are properly handled and stored?
			Corrective Actions	Previously recommended corrective actions been implemented?
			Other:	
			Other:	

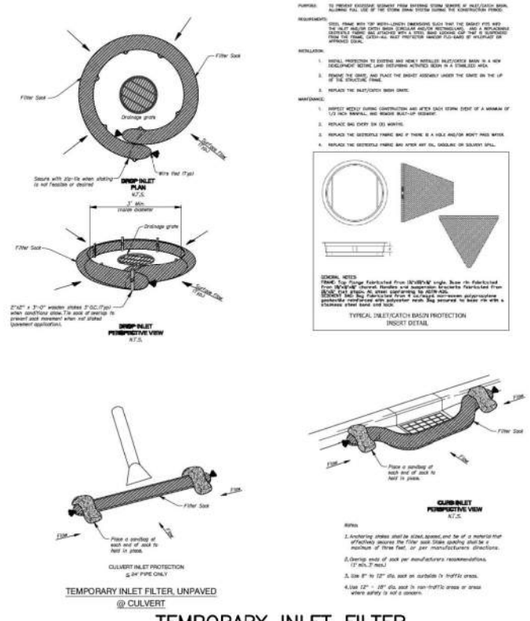
If you answered "no" to any of the above questions, describe any corrective action which must be taken to remedy the problem and when the corrective actions are to be completed



STABALIZED CONSTRUCTION ENTRANCE (1 OF 2)



STABALIZED CONSTRUCTION ENTRANCE (2 OF 2)



TEMPORARY INLET FILTER

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: N:\CRESTHILL\210328\Civil\Ref\details.dgn

DSGN.		
DWN.		
CHKD.		
SCALE:		
PLOT DATE:	11/10/2021	
CAD USER:	jspeelman	
MODEL:	Default	

TITLE:

CITY OF CREST HILL
EROSION CONTROL DETAILS

PROJ. NO.
DATE: 11/10/2021
SHEET OF
DRAWING NO.
ERO-1

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Master\CADD_Sheets\D1230652_str_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

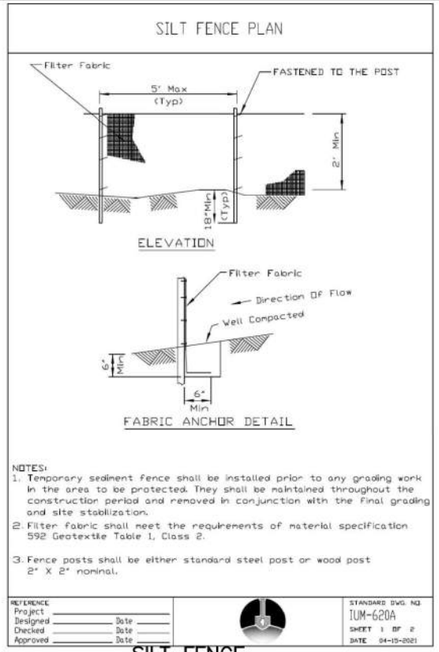
DETAILS

SCALE: SHEET 9 OF 22 SHEETS STA. TO STA.

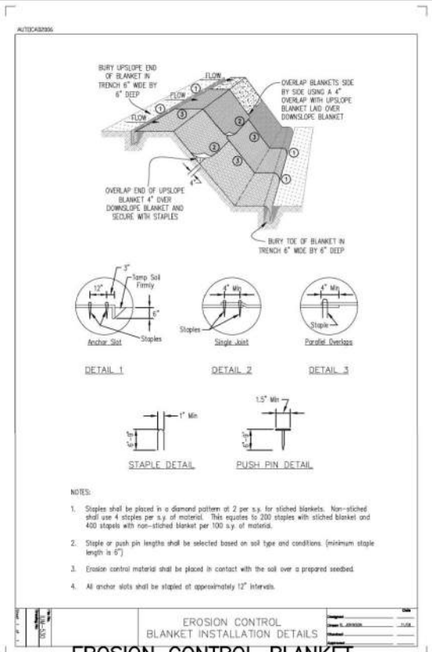
COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	46

PROJECT NO. 230652

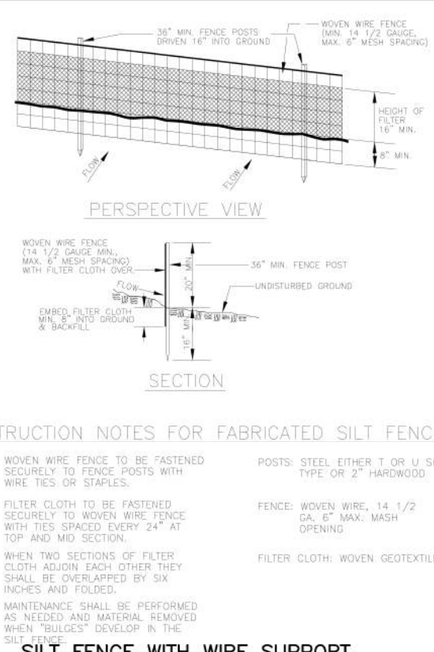
SILT FENCE



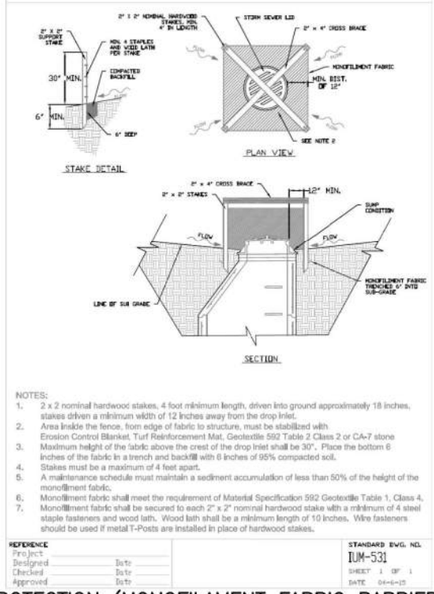
EROSION CONTROL BLANKET



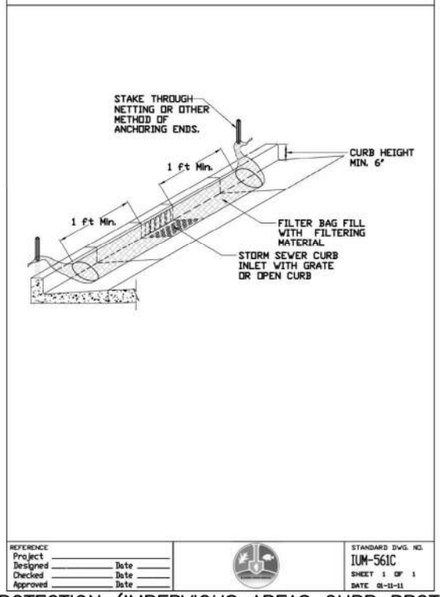
SILT FENCE WITH WIRE SUPPORT



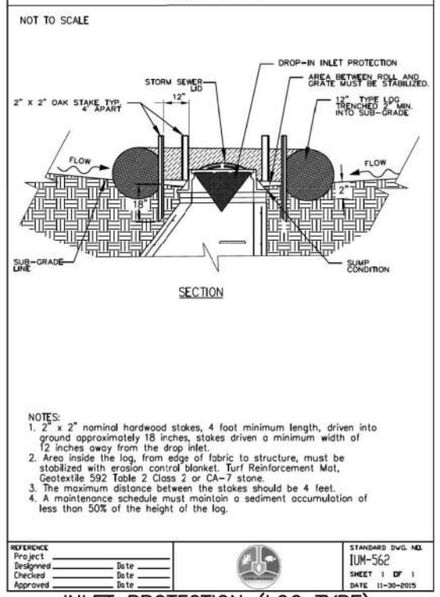
INLET PROTECTION (MONOFILAMENT FABRIC BARRIER FENCE)



INLET PROTECTION (IMPERVIOUS AREAS CURB PROTECTION)



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.

FILE NAME: N:\CRESTHILL\210328\Civil\Ref\details.dgn

DSGN.	
DWN.	
CHKD.	
SCALE:	
PLOT DATE:	11/10/2021
CAD USER:	jspeelman
MODEL:	Default

TITLE:
CITY OF CREST HILL
EROSION CONTROL DETAILS

PROJ. NO.
DATE: 11/10/2021
SHEET OF
DRAWING NO.
ERO-2

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

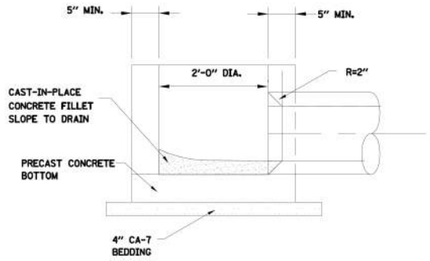
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS
SCALE: SHEET 10 OF 22 SHEETS STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	47

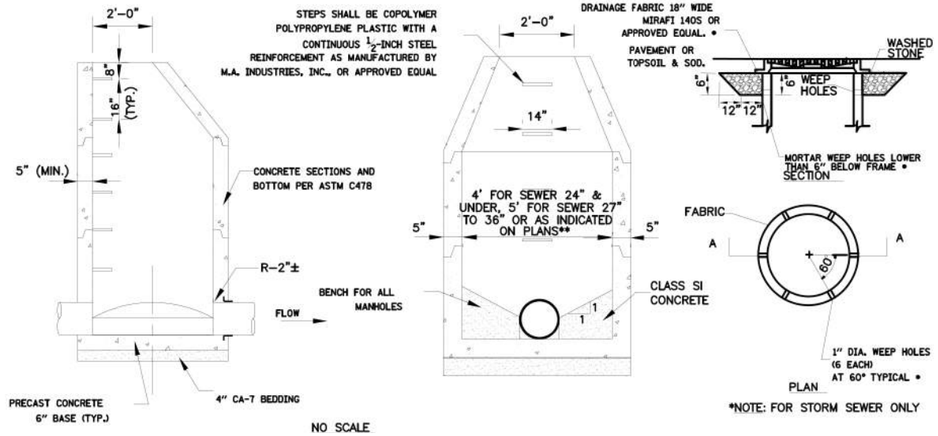
PROJECT NO. 230652



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.

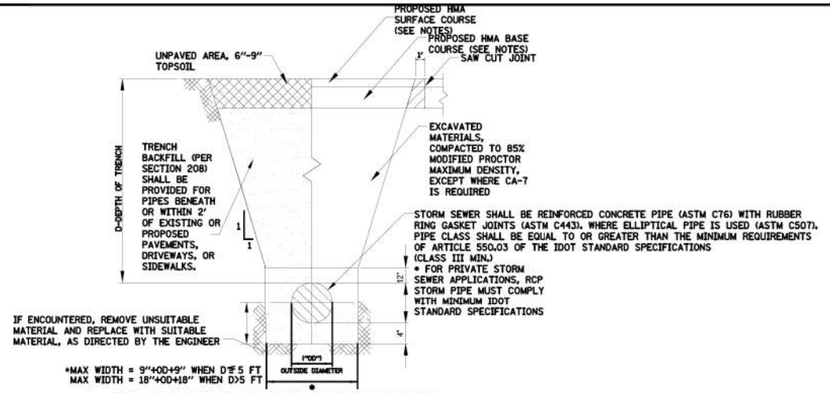
INLET



NO SCALE

NOTE:
1. MANHOLE BARREL JOINTS SHALL BE TONGUE AND GROOVE TYPE WITH TWO ROWS OF EXTRUDIBLE 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



*MAX WIDTH = 9"+OD+9" WHEN D≦5 FT
MAX WIDTH = 18"+OD+18" WHEN D>5 FT

1. TRENCH SHALL BE IN ACCORDANCE WITH OSHA SAFETY STANDARDS
2. BEDDING SHALL BE REQUIRED TO BE A MINIMUM THICKNESS EQUAL TO 1/4 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

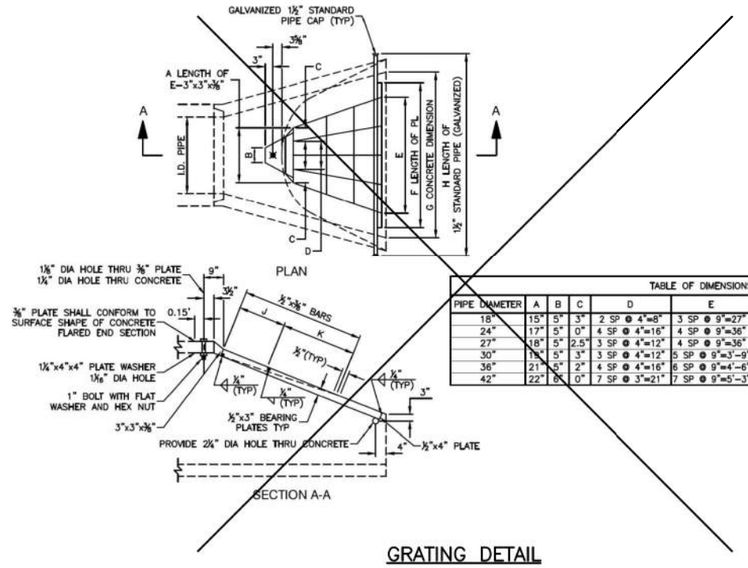


TABLE OF DIMENSIONS

PIPE DIAMETER	A	B	C	D	E	F	G	H	J	K
18"	15"	5"	3"	2 SP @ 4"=8"	3 SP @ 9"=27"	2'-6"	3'-0"	3'-10"	13"	1 SP @ 12"=12"
24"	17"	5"	0"	4 SP @ 4"=16"	4 SP @ 9"=36"	3'-6"	4'-0"	4'-10"	15"	1 SP @ 12"=12"
27"	18"	5"	2.5"	3 SP @ 4"=12"	4 SP @ 9"=36"	4'-0"	4'-6"	5'-4"	15"	1 SP @ 15"=15"
30"	19"	5"	3"	3 SP @ 4"=12"	5 SP @ 9"=3'-9"	4'-6"	5'-0"	5'-10"	15"	2 SP @ 12"=24"
36"	21"	5"	2"	4 SP @ 4"=16"	6 SP @ 9"=4'-6"	5'-6"	6'-0"	7'-0"	18"	2 SP @ 15"=30"
42"	22"	6"	0"	7 SP @ 3"=21"	7 SP @ 9"=5'-3"	6'-0"	6'-6"	7'-6"	13"	3 SP @ 13"=39"

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.
FILE NAME	N:\CRESTHILL\210328\Civil\Ref\details.dgn		

DSGN.
DWN.
CHKD.
SCALE:
PLOT DATE: 11/10/2021
CAD USER: jspeelman
MODEL: Default

TITLE:
CITY OF CREST HILL
STORM SEWER SYSTEM DETAILS

PROJ. NO.
DATE: 11/10/2021
SHEET OF
DRAWING NO.
STM-1

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

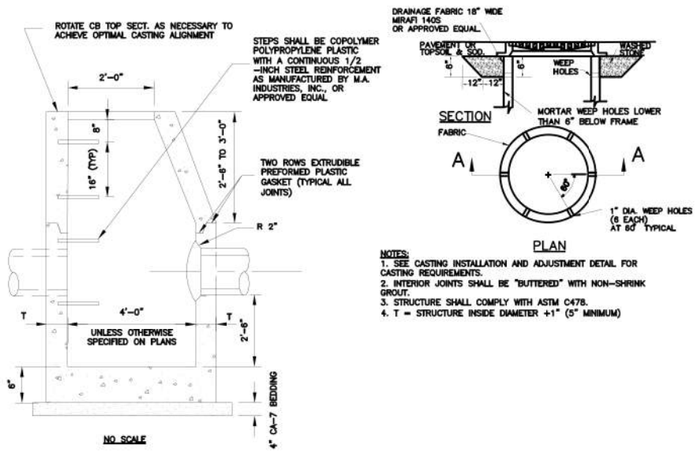
WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS

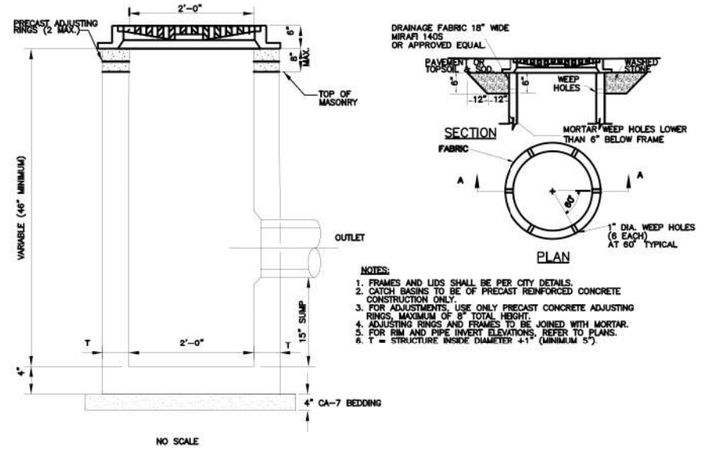
SCALE: SHEET 11 OF 22 SHEETS STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	48

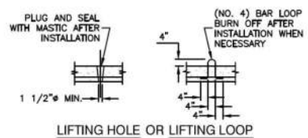
PROJECT NO. 230652



CATCH BASIN, TYPE A



CATCH BASIN, TYPE C

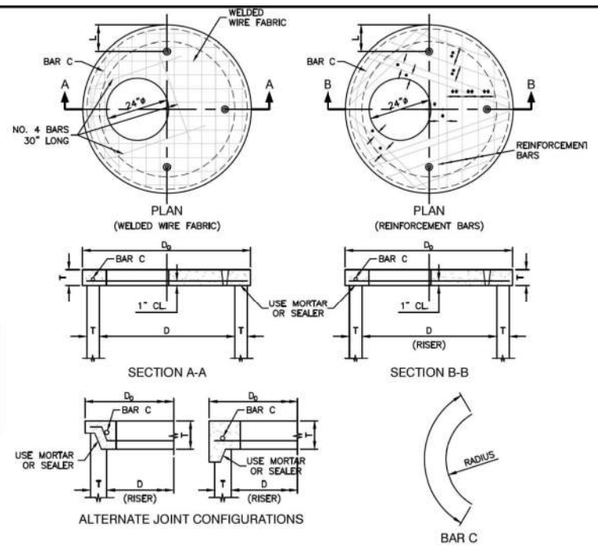


LIFTING HOLE OR LIFTING LOOP
TYPICAL
(3 REQUIRED PER SLAB)

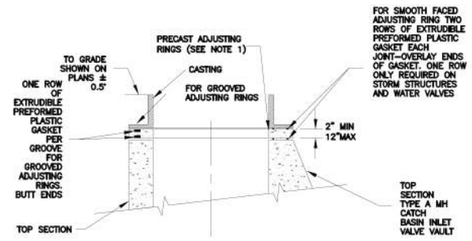
TABLE

D	T	D_b "MIN."	T	REINFORCEMENT "A's" W.W.F. EACH DIRECTION	OR BAR SIZE	NO. 4 BAR C LENGTH	NO. 4 BAR C RADIUS	L
36"	SEE APPLICABLE STANDARDS	D + 2T	10"	0.20 SQ. INCH/FT.	NO. 4	4'-0"	19"	6"
4'-0"			10"	0.35 SQ. INCH/FT.	NO. 5	4'-0"	26"	9"
5'-0"			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



NO SCALE

NOTES:
1. THERE SHALL BE A MAXIMUM OF 2 ADJUSTING RINGS WITH A MAXIMUM TOTAL HEIGHT OF 12".
2. ALL STRUCTURES IN CURB AND GUTTER OR PAVED AREAS SHALL USE PREFORMED RUBBER ADJUSTING RINGS.
3. IF THE CASTING MUST BE INSTALLED ON A SLOPE, PREFORMED RUBBER TAPERED RINGS MAY BE USED.
4. ADJUSTING RINGS 2" OR LESS IN THICKNESS SHALL BE PREFORMED RUBBER.
5. THE FOLLOWING CASTING, OR APPROVED EQUAL, SHALL BE UTILIZED AS INDICATED:

A. SANITARY MANHOLES: EAST JORDAN IRON WORKS #1050, EX HD WATERTIGHT LID WITH CONCEALED PICKHOLE, O-RING GASKETS, AND "CREST HILL" AND "SANITARY" CAST IN LID.
B. WATER VALVE VAULTS: EAST JORDAN IRON WORKS #1050, EX HD WATERTIGHT LID WITH CONCEALED PICKHOLE, O-RING GASKETS, AND "CREST HILL" AND "WATER" CAST IN LID.
C. STORM MANHOLES: EAST JORDAN IRON WORKS #1050, EX HD LID WITH CONCEALED PICKHOLE, AND "CREST HILL" AND "STORM" CAST IN LID, FOR LIDS INDICATED AS "SOLID" ON PLANS. FOR LIDS INDICATED AS "OPEN" ON PLANS, USE THE SAME CASTING, BUT WITH A TYPE M1 RADIAL FLAT GRATE.
D. DRAINAGE STRUCTURES IN AREAS WITH UNPAVED SURFACES: EAST JORDAN IRON WORKS 6527.
E. DRAINAGE STRUCTURES IN MOUNTABLE CURB AND GUTTER: EAST JORDAN IRON WORKS #7171 WITH TYPE M1 GRATE.
F. DRAINAGE STRUCTURES IN BARRIER CURB AND GUTTER: EAST JORDAN IRON WORKS #7210 WITH TYPE M2 GRATE.

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	CHKD.
FILE NAME	N:\CRESTHILL\210328\Civil\Ref\details.dgn		

DSGN.	
DWN.	
CHKD.	
SCALE:	
PLOT DATE:	11/10/2021
CAD USER:	jspeelman
MODEL:	Default

TITLE:
CITY OF CREST HILL
STORM SEWER SYSTEM DETAILS

PROJ. NO.
DATE: 11/10/2021
SHEET OF
DRAWING NO.
STM-2

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

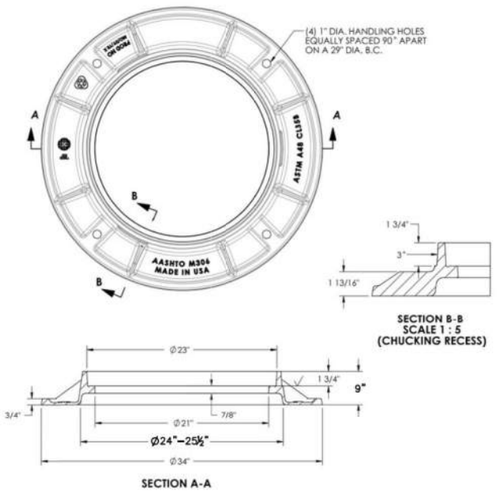
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

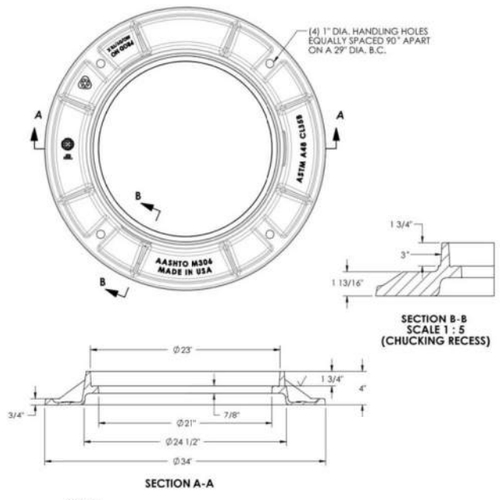
DETAILS
SCALE: SHEET 12 OF 22 SHEETS STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	49

PROJECT NO. 230652



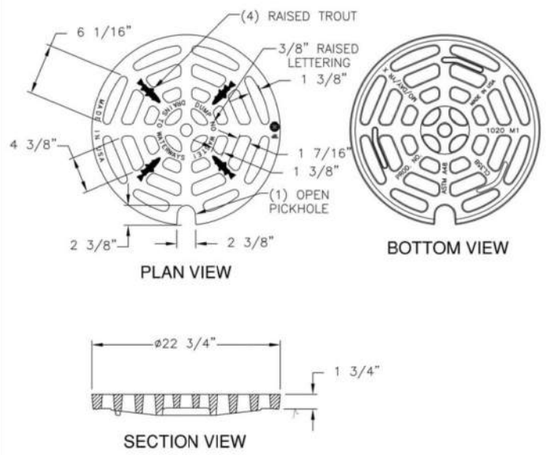
TYPE 1 FRAME



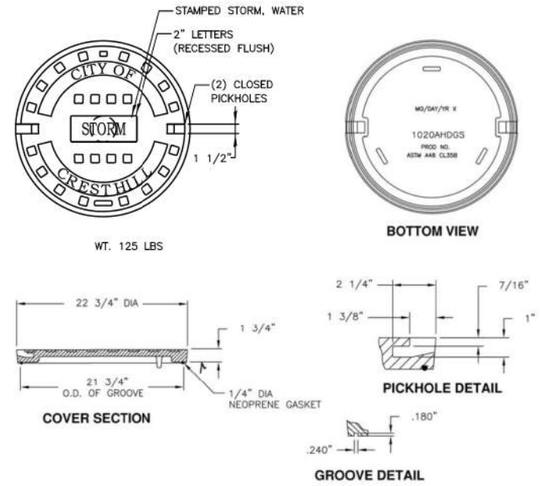
NOTE:

THIS ALTERNATIVE FRAME CAN BE USED IN LIEU OF THE 9" 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

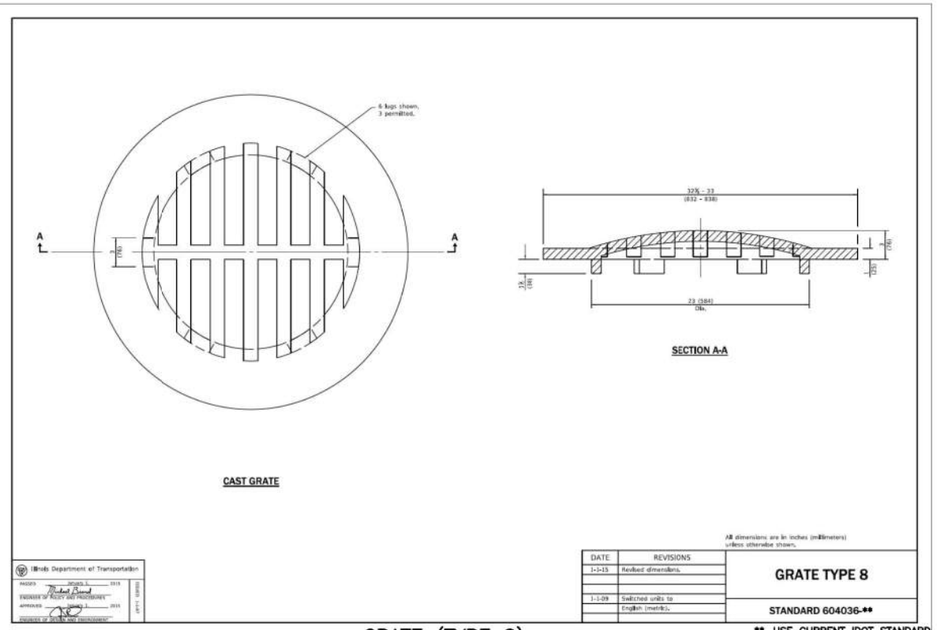
TYPE 1 FRAME (ALTERNATE)



TYPE 1 LID–OPEN LID



TYPE 1 LID–CLOSED LID



DATE	REVISIONS
1-1-15	Revised dimensions.
1-1-09	Switched units to English (metric).

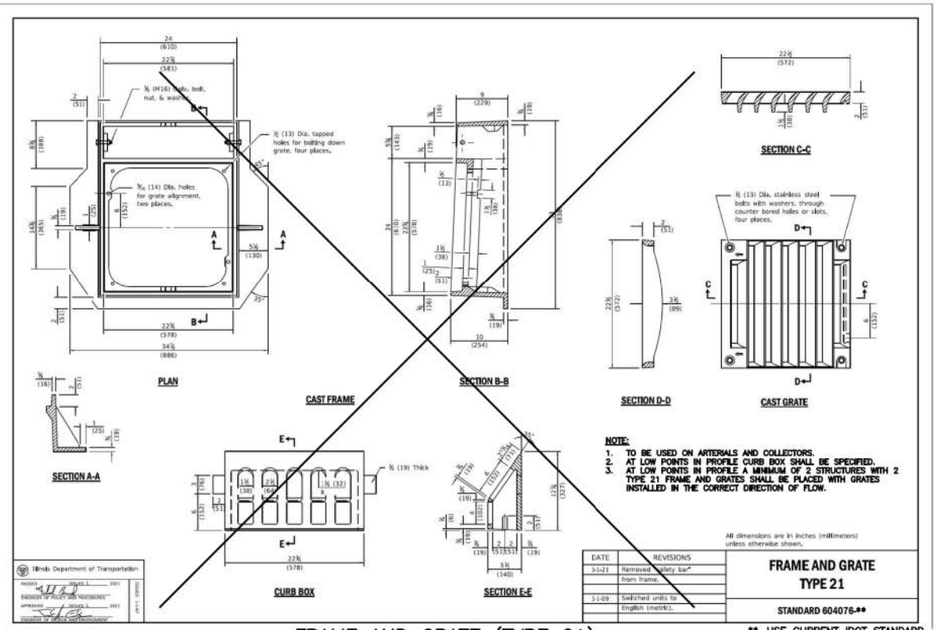
All dimensions are in inches (millimeters) unless otherwise shown.

GRATE TYPE 8

STANDARD 604036-**

GRATE (TYPE 8)

**–USE CURRENT IDOT STANDARD



NOTE:

1. TO BE USED ON ARTERIALS AND COLLECTORS.
2. AT LOW POINTS IN PROFILE CURB BOX SHALL BE SPECIFIED.
3. AT LOW POINTS IN PROFILE A MINIMUM OF 2 STRUCTURES WITH 2 TYPE 21 FRAME AND GRATES SHALL BE PLACED WITH GRATES INSTALLED IN THE CORRECT DIRECTION OF FLOW.

DATE	REVISIONS
1-1-21	Removed "Safety bar" from frame.
1-1-09	Switched units to English (metric).

All dimensions are in inches (millimeters) unless otherwise shown.

FRAME AND GRATE TYPE 21

STANDARD 604076-**

FRAME AND GRATE (TYPE 21)

**–USE CURRENT IDOT STANDARD

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	N:\CRESTHILL\230328\Civil\Ref\details.dgn		

DSGN.
DWN.
CHKD.
SCALE:
PLOT DATE: 11/10/2021
CAD USER: jspeelman
MODEL: Default

TITLE:

CITY OF CREST HILL
STORM SEWER SYSTEM DETAILS

PROJ. NO.
DATE: 11/10/2021
SHEET OF
DRAWING NO.
STM–3

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

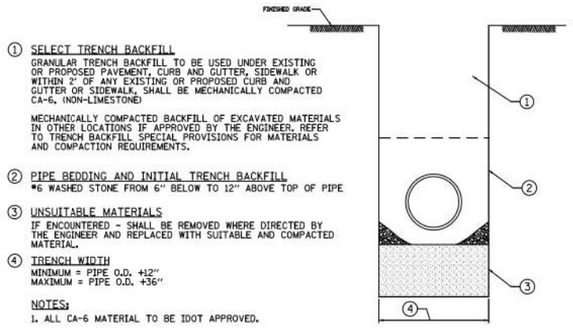
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS

SCALE: SHEET 13 OF 22 SHEETS STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	50
PROJECT NO. 230652		



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, (NON-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

#6 WASHED STONE FROM 6" BELOW TO 12" ABOVE TOP OF PIPE

③ UNSUITABLE MATERIALS

IF ENCOUNTERED - SHALL BE REMOVED WHERE DIRECTED BY THE ENGINEER AND REPLACED WITH SUITABLE AND COMPACTED MATERIAL.

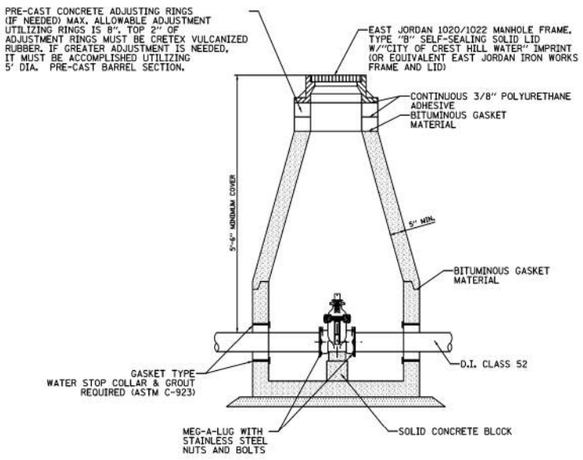
④ TRENCH WIDTH

MINIMUM = PIPE O.D. +12"
MAXIMUM = PIPE O.D. +36"

NOTES:

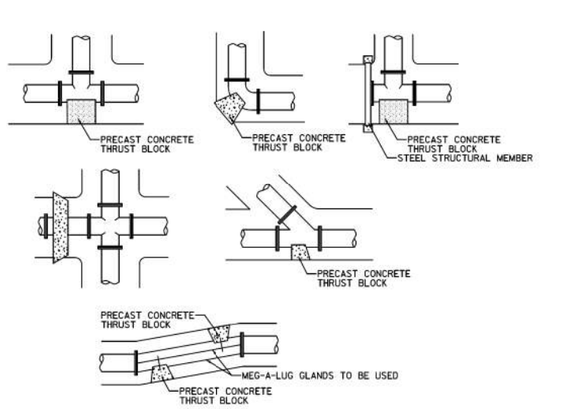
1. ALL CA-6 MATERIAL TO BE IDOT APPROVED.

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 FLOW CONTROL TRENCH ADAPTER.

TYPICAL VALVE VAULT

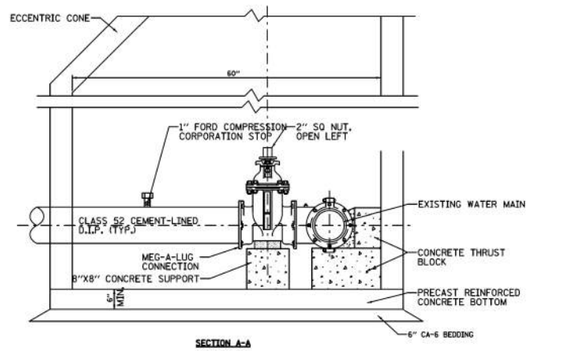


BEARING AREA (SQ. FT.)

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:
C.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 2) 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: N:\CRESTHILL\210328\Civil\Ref\details.dgn

DSGN. | DWN. | CHKD. | SCALE: | PLOT DATE: 11/10/2021 | CAD USER: jspeelman | MODEL: Default

TITLE:
CITY OF CREST HILL WATER DISTRIBUTION SYSTEM DETAILS

PROJ. NO.
DATE: 11/10/2021
SHEET OF
DRAWING NO.
WTR-1

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

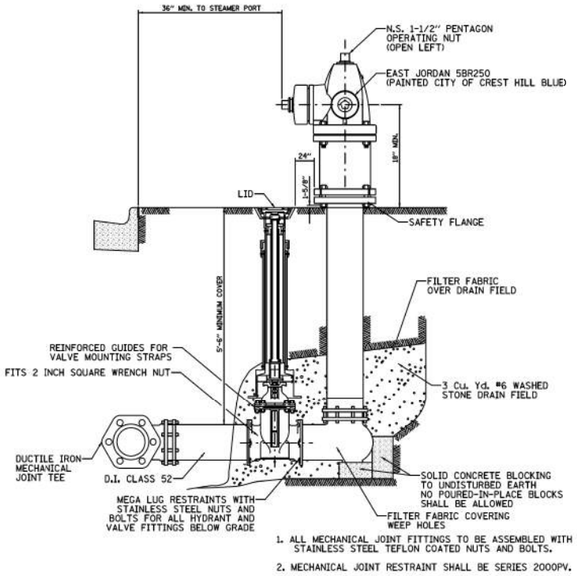
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS
SCALE: SHEET 14 OF 22 SHEETS STA. TO STA.

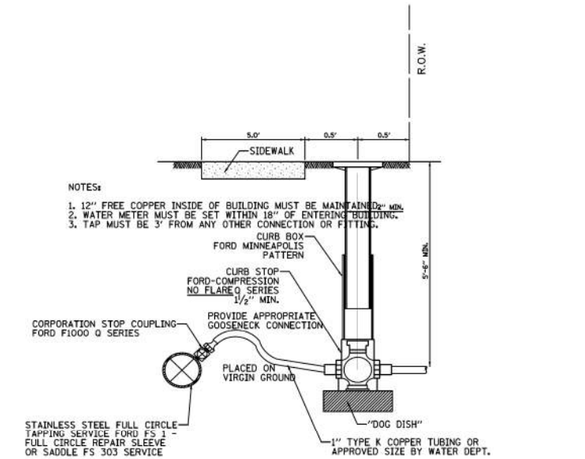
COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	51

PROJECT NO. 230652



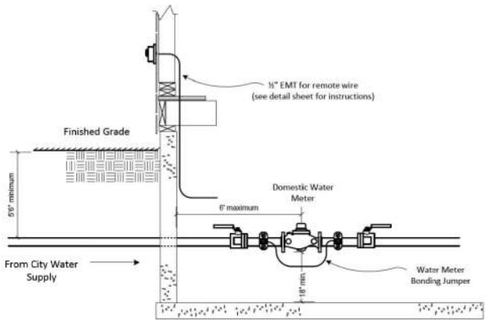
1. ALL MECHANICAL JOINT FITTINGS TO BE ASSEMBLED WITH STAINLESS STEEL TEFLON COATED NUTS AND BOLTS.
2. MECHANICAL JOINT RESTRAINT SHALL BE SERIES 2000PV.

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 on 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 ¾". Meter spread 16 ¼"

WATER METER

Standards for Water Meter Remote Wiring and Conduit Installation

1. This 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 indoor conduit and all associated bends and fittings shall have a minimum inside trade size diameter of ½" and shall be electrical metallic tubing (EMT) type conduit.

3. The remote wire conduit shall be installed from a point, 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 42" above finished grade.

4. Where the conduit terminates at the outside wall of the building, the conduit shall extend through the wall and terminate flush with the finished surface of the outside wall. The outside reader will be installed over the conduit end and sealed against the weather.

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 placed 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 remote reader location will be determined and approved by the Water Operations Division. The location must be accessible to a meter reader year-round, must not be located within a fenced-in area, must not be located in an area that creates a hazard for the meter reader due to situations including, but not limited to;

Dogs or other potentially dangerous animals
Bushes or other obstructions
Ice or snow accumulations

7. All conduit installations must comply with the NEC requirements.

8. Where the conduit terminates at the outside wall of the building, a clear space of a minimum of 16" x 16" shall be provided on the surface of the wall suitable for mounting the remote readout device or transmitter.

9. The route the conduit takes from the water meter to the termination point on the outside wall must be the shortest, most direct route.

10. Only the remote meter wire shall be permitted to be installed inside the conduit.

11. All wire installed on the exterior of any building or structure, including wire exiting any water meter vault, shall be protected with a galvanized rigid metal electrical conduit specifically designed for exterior use and the path of the raceway approved by the City.

12. The City shall supply the remote meter wire. The owner shall provide a pull string (Greenlee 430 Poly Fishing Line or equivalent) within the conduit leaving an excess of at least 3 feet of string at both ends. Both ends of the fishing line must be clearly tagged with the words "Water Meter". The fishing line must be a continuous single 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: N:\CRESTHILL\210328\Civil\Ref\details.dgn

DSGN.
DWN.
CHKD.
SCALE:
PLOT DATE: 11/10/2021
CAD USER: jepeelman
MODEL: Default

TITLE:
CITY OF CREST HILL
WATER DISTRIBUTION SYSTEM DETAILS

PROJ. NO.
DATE: 11/10/2021
SHEET OF
DRAWING NO.
WTR-2

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

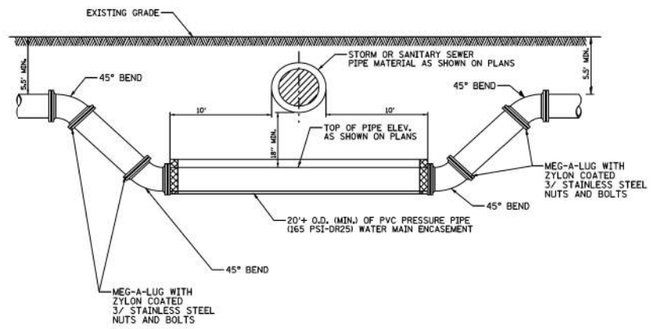
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS
SCALE: SHEET 15 OF 22 SHEETS STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	52

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: N:\CRESTHILL\210328\Civil\Ref\details.dgn

DSGN.	
DWN.	
CHKD.	
SCALE:	
PLOT DATE:	11/10/2021
CAD USER:	jspeelman
MODEL:	Default

TITLE:
CITY OF CREST HILL
WATER DISTRIBUTION SYSTEM DETAILS

PROJ. NO.	
DATE:	11/10/2021
SHEET	OF
DRAWING NO.	WTR-3

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

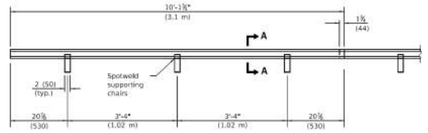
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

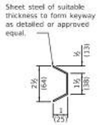
DETAILS
SCALE: SHEET 16 OF 22 SHEETS STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	53

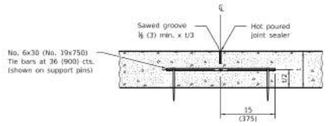
PROJECT NO. 230652



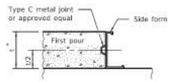
TYPE C METAL JOINT



SECTION A-A

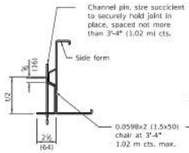


LONGITUDINAL SAWED JOINT

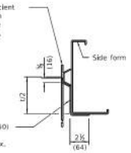


LONGITUDINAL KEYED JOINT

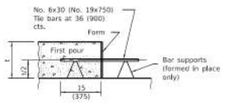
* 8 (203) min. pavement thickness for keyed joints.



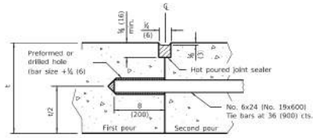
SUPPORTING CHAIR ALTERNATE



SUPPORTING CHAIR ALTERNATE



LONGITUDINAL CONSTRUCTION JOINT
(TIE BAR FORMED IN PLACE OR MECHANICALLY INSERTED)



LONGITUDINAL CONSTRUCTION JOINT
(TIE BAR GROUTED IN PLACE)

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2022 — ENGINEER OF POLICY AND PROCEDURES

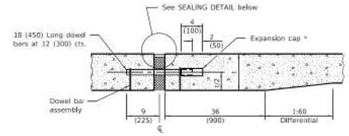
APPROVED January 1, 2022 — ENGINEER OF DESIGN AND ENVIRONMENT

STANDARD 420001-10

DATE	REVISIONS
1-1-22	Revised DOWEL BAR TABLE on Sheet 2.
1-1-18	Changed tie bar spacing to 36 (900) cts. Revised DOWEL BAR TABLE.

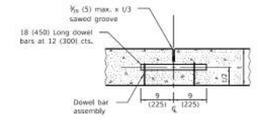
PAVEMENT JOINTS
(Sheet 1 of 2)

STANDARD 420001-10

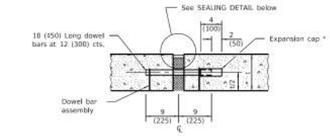


TRANSVERSE EXPANSION JOINT
(FOR PAVEMENTS WITH UNEQUAL THICKNESS)

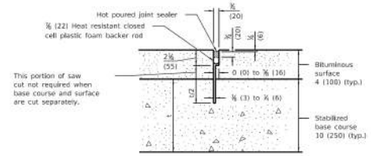
* Expansion caps shall be installed on the exposed end of each dowel bar once the header has been removed and the joint filler material has been installed.



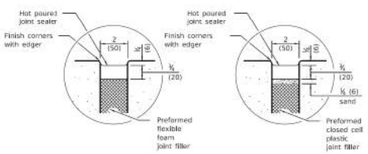
TRANSVERSE CONTRACTION JOINT



TRANSVERSE EXPANSION JOINT
(FOR PAVEMENTS WITH EQUAL THICKNESS)



TRANSVERSE CONTRACTION JOINT
(FOR CAM, CFA AND LFA BASE COURSE MIXTURES)



SEALING DETAIL

DOWEL BAR TABLE	
PAVEMENT THICKNESS	DOWEL BAR DIAMETER
10 (250) and greater	1½ (38)
8.01 (201) thru 9.99 (249)	1¼ (32)
8 (200) and less	1 (25)

Illinois Department of Transportation

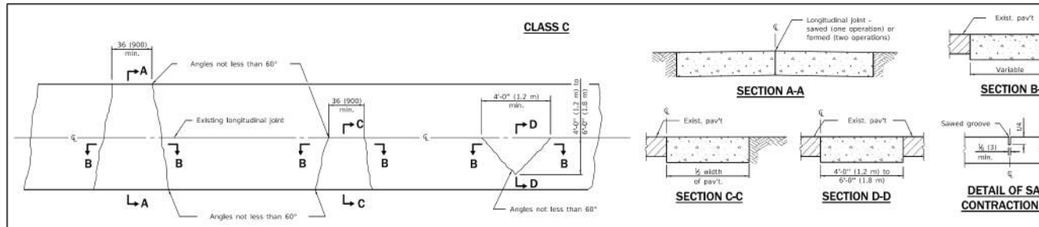
PASSED January 1, 2022 — ENGINEER OF POLICY AND PROCEDURES

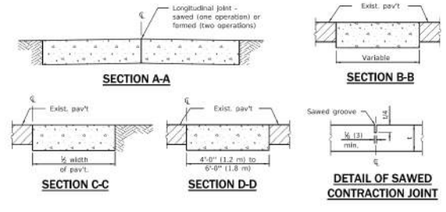
APPROVED January 1, 2021 — ENGINEER OF DESIGN AND ENVIRONMENT

STANDARD 420001-10

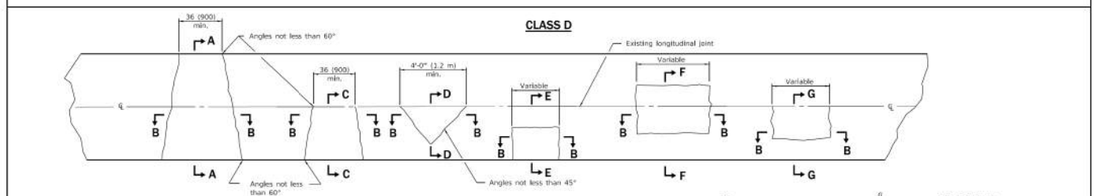
PAVEMENT JOINTS
(Sheet 2 of 2)

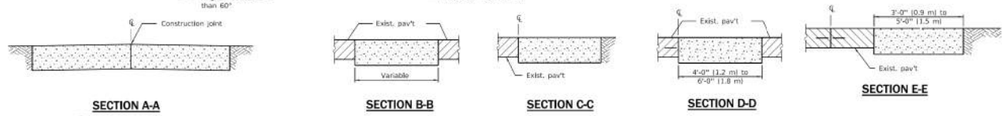
STANDARD 420001-10

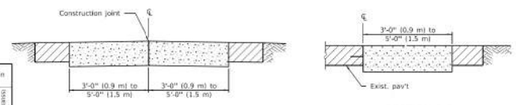




Note:
Longitudinal joints shall be as detailed on Standard 420001, except tie bars are not required for patches 20'-0" (6.0 m) or less in length.







GENERAL NOTES

Existing tie bars shall be either cut or removed. Marginal bars shall be cut.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2008 — ENGINEER OF POLICY AND PROCEDURES

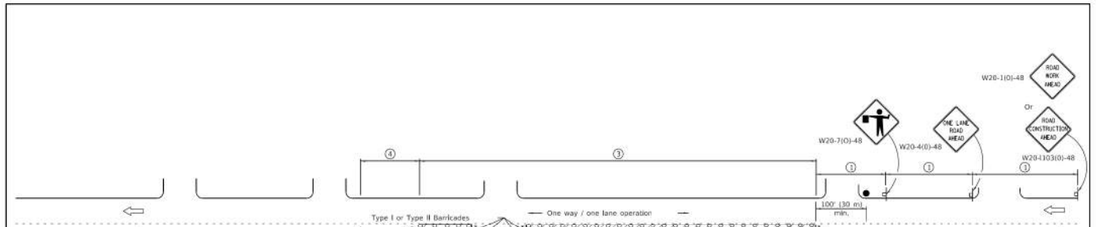
APPROVED January 1, 2008 — ENGINEER OF DESIGN AND ENVIRONMENT

STANDARD 442201-03

DATE	REVISIONS
1-1-08	Switched units to English (metric).
1-1-07	Revised Note for Class C patches.

CLASS C and D PATCHES

STANDARD 442201-03



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

1. Refer to SIGN SPACING TABLE for distances.
2. For approved sideroad closures.
3. Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
4. Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2011 — ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2011 — ENGINEER OF DESIGN AND ENVIRONMENT

STANDARD 701501-06

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric). Corrected sign No.'s.

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

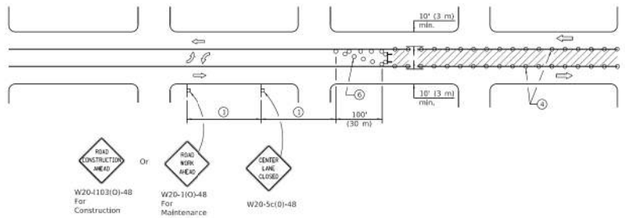
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS

SCALE: | SHEET 17 OF 22 SHEETS | STA. | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	54
PROJECT NO. 230652		



CASE I

(Signs required for both directions)

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Barricade or drum with flashing light
- Flagger with traffic control sign
- Cone, drum or barricade
- Sign on portable or permanent support
- Type III barricade with flashing lights

1. Refer to SIGN SPACING TABLE for distances.
2. Required for speeds > 40 mph (70 km/h).
3. Required if work exceeds 500' (164 m) or 1 block.
4. Cones at 25' (8 m) centers for 250' (75 m) on approach. Additional cones may be placed at 50' (15 m) centers. When drums or type I or II barricades are used, the interval between devices may be doubled.
5. For approved sideroad closures.
6. Cones, drums or barricades at 20' (6 m) centers in taper.
7. Use flagger sign only when flagger is present.

GENERAL NOTES

This Standard is used to close one lane of an urban, two lane, two way roadway with a bidirectional turn lane.

Case I applies when no workers are present. When workers are present, two lanes shall be closed and traffic control shall be according to Standard 701501.

Calculate L as follows:

SPEED LIMIT	FORMULAS English	(Metric)
40 mph (70 km/h) or less:	$L=\frac{WS^2}{60}$	$L=\frac{WS^2}{150}$
45 mph (80 km/h) or greater:	L=(W)(S)	L=0.65(W)(S)

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2019 — ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2019 — ENGINEER OF DESIGN AND ENVIRONMENT

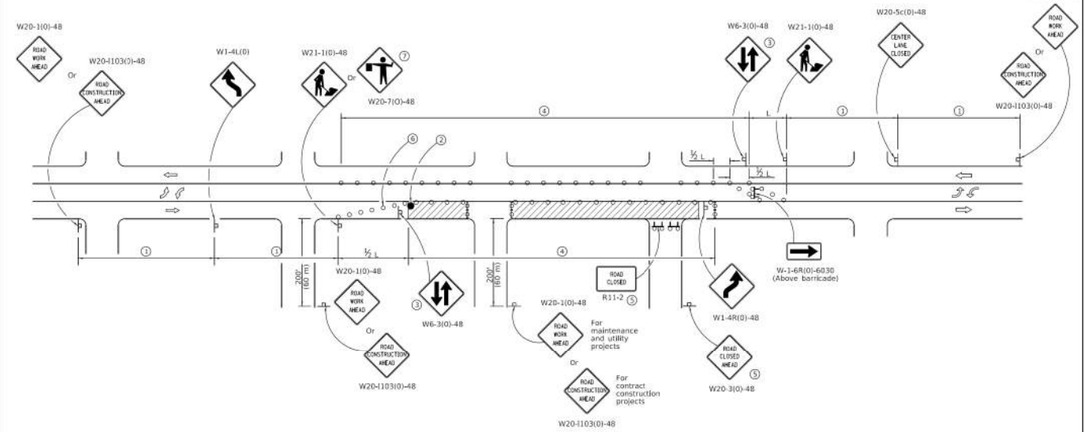
DATE: 10-1-19

DATE	REVISIONS
1-1-19	Revised to allow cones at night.
1-1-18	Corrected sign number for
	TWO WAY TRAFFIC sign for
	CASE II.

URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE

(Sheet 1 of 2)

STANDARD 701502-09



CASE II

Illinois Department of Transportation

APPROVED January 1, 2004 — ENGINEER OF SAFETY ENGINEERING

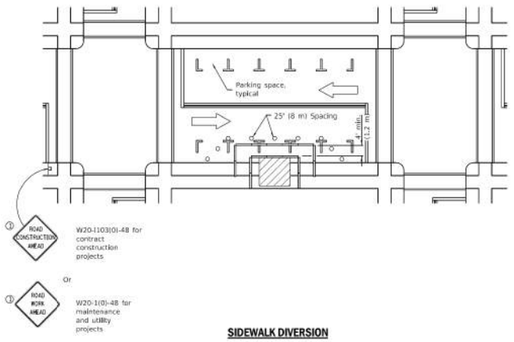
APPROVED January 1, 2005 — ENGINEER OF DESIGN AND ENVIRONMENT

DATE: 10-1-19

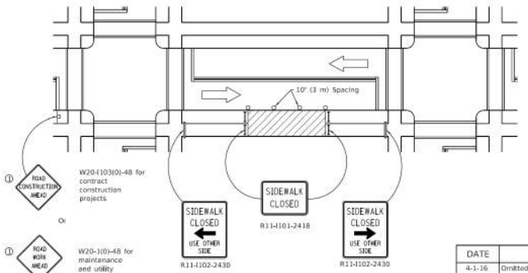
URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE

(Sheet 2 of 2)

STANDARD 701502-09



SIDEWALK DIVERSION



SIDEWALK CLOSURE

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade

① Omit whenever duplicated by road work traffic control.

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED April 1, 2016 — ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016 — ENGINEER OF DESIGN AND ENVIRONMENT

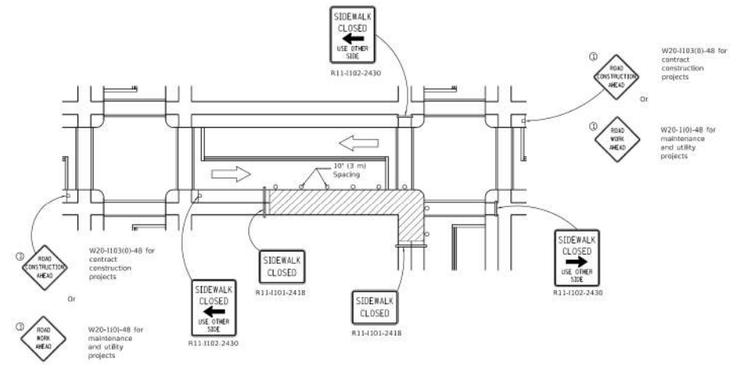
DATE: 1-4-17

DATE	REVISIONS
4-1-16	Omitted orange safety fence
	from standard as this is
	covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of
	plan views. Renamed Std.

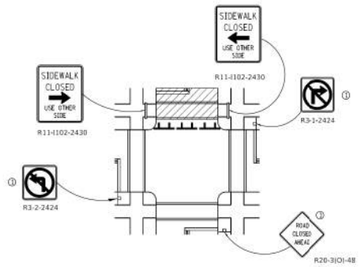
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06



CORNER CLOSURE



CROSSWALK CLOSURE

Illinois Department of Transportation

PASSED April 1, 2004 — ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2004 — ENGINEER OF DESIGN AND ENVIRONMENT

DATE: 1-4-17

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

STANDARD 701801-06

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

CREST HILL

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET

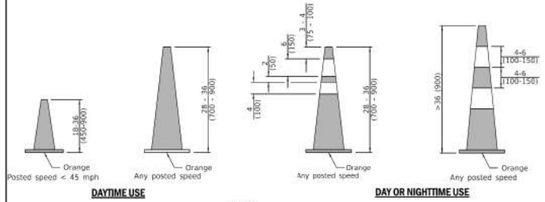
ILLINOIS

DETAILS

SCALE: | SHEET 18 OF 22 SHEETS | STA. | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	55

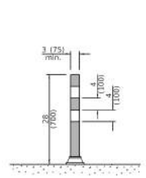
PROJECT NO. 230652



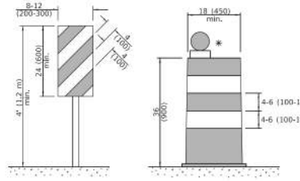
DAYTIME USE

CONES

DAY OR NIGHTTIME USE

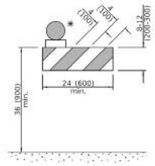


TUBULAR MARKER

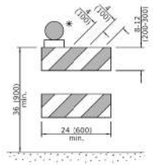


VERTICAL PANEL
POST MOUNTED

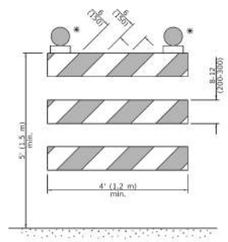
DRUM



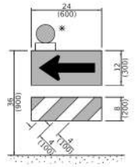
TYPE I BARRICADE



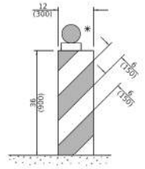
TYPE II BARRICADE



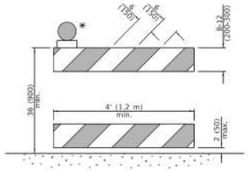
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

* Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

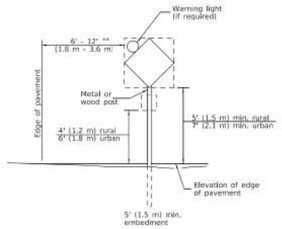
All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation
APPROVED January 1, 2019
ENGINEER OF SAFETY, ROAD AND ENGINEERING
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT
D1-13-1 (D1-13-2) (D1-13-3)

DATE	REVISIONS
1-1-19	Revised cone usage and added cones >36" (900 m) height.
1-1-18	Revised END WORK ZONE SPEED LIMIT sign from orange to white background.

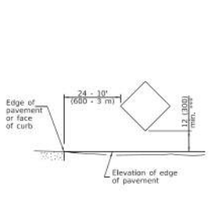
TRAFFIC CONTROL DEVICES
(Sheet 1 of 3)

STANDARD 701901-08



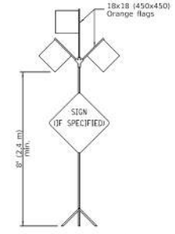
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



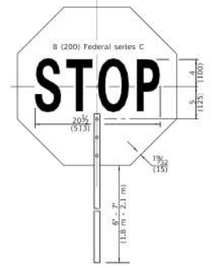
HIGH LEVEL WARNING DEVICE



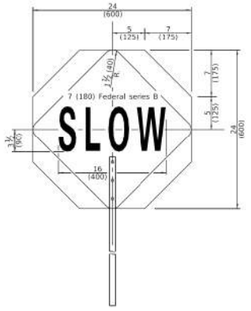
W12-I103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN



G20-I104(0)-6036 G20-I105(0)-6024

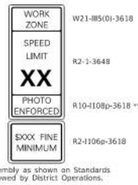
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING



W21-I185(0)-3618
R2-1-3648
R10-I108p-3618 ****
R2-I106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.



G20-I103-6036

This sign shall be used when the above sign assembly is used.

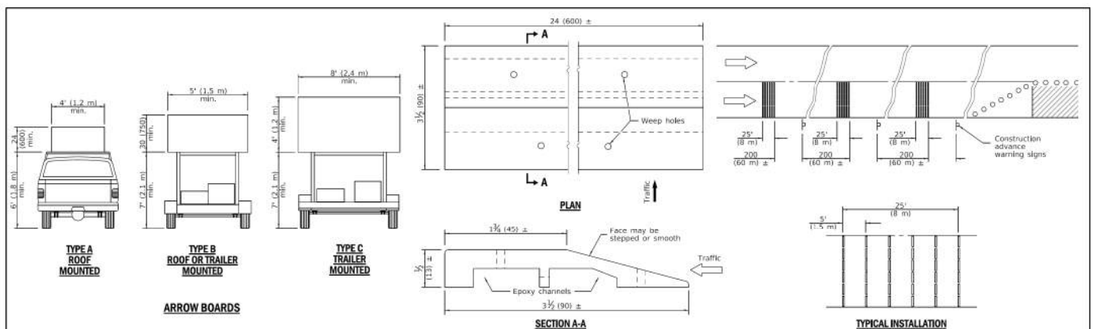
HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

**** R10-I108p shall only be used along roadways under the jurisdiction of the State.

Illinois Department of Transportation
APPROVED January 1, 2019
ENGINEER OF SAFETY, ROAD AND ENGINEERING
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT
D1-13-1 (D1-13-2) (D1-13-3)

TRAFFIC CONTROL DEVICES
(Sheet 2 of 3)

STANDARD 701901-08



TYPE A ROOF MOUNTED

TYPE B ROOF OR TRAILER MOUNTED

TYPE C TRAILER MOUNTED

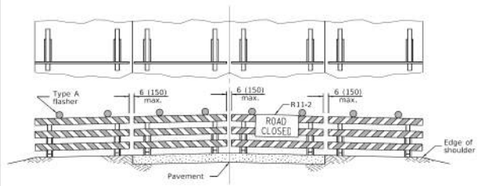
ARROW BOARDS

PLAN

SECTION A-A

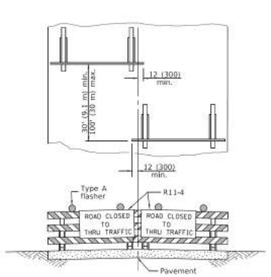
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation
APPROVED January 1, 2019
ENGINEER OF SAFETY, ROAD AND ENGINEERING
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT
D1-13-1 (D1-13-2) (D1-13-3)

TRAFFIC CONTROL DEVICES
(Sheet 3 of 3)

STANDARD 701901-08

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

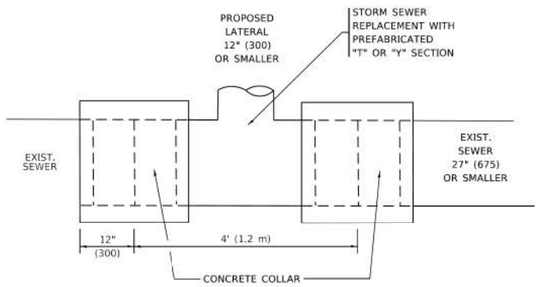
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

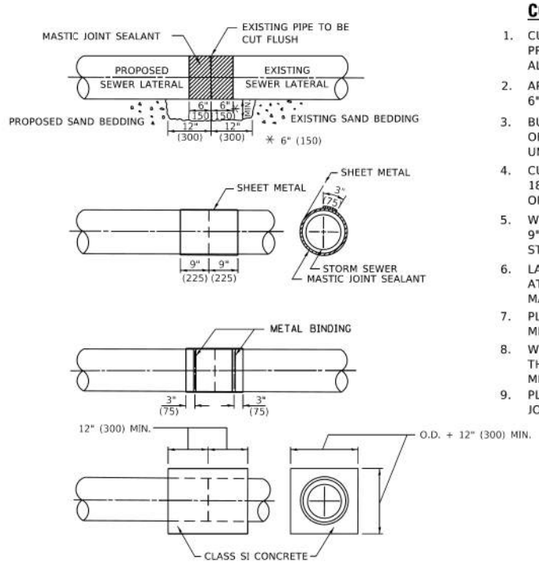
DETAILS
SCALE: SHEET 19 OF 22 SHEETS STA. TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	56
PROJECT NO. 230652		



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

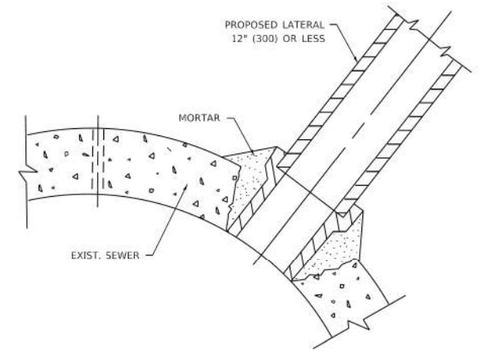


DETAIL "B"

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.

MODEL: Default
FILE NAME: pw:\\ilsdd-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist52x234\CAD\sa\CADs\metric\std97.dgn

USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - R. SHAH 09-09-94	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER**
	DRAWN -	REVISED - R. SHAH 10-25-94		
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. SHAH 06-12-96		
PLOT DATE = 11/18/2022	DATE - 07-25-90	REVISED - K. SMITH 11-18-22		SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD500–01 (BD–07)	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Main\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

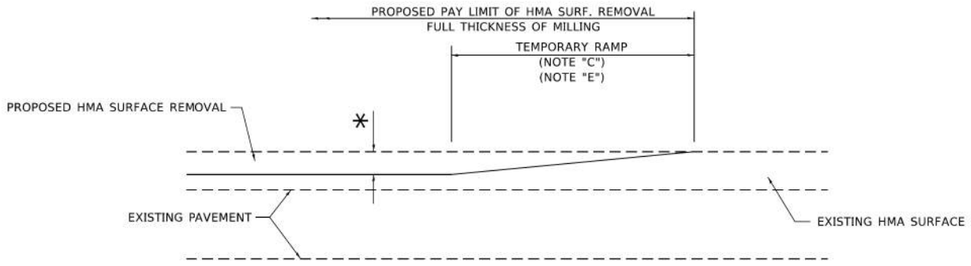
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS
SCALE: | SHEET 20 OF 22 SHEETS | STA. | TO STA.

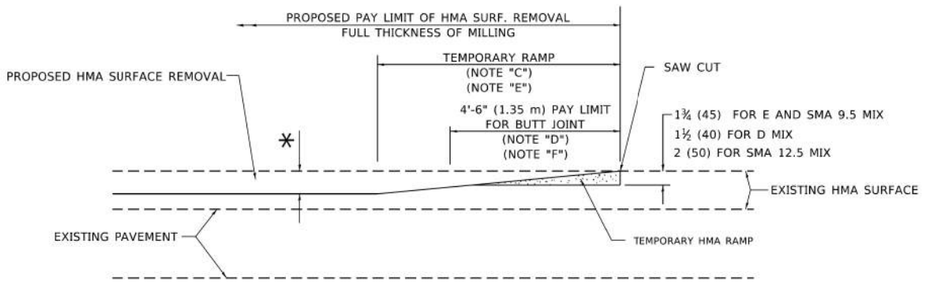
COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	57
PROJECT NO. 230652		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

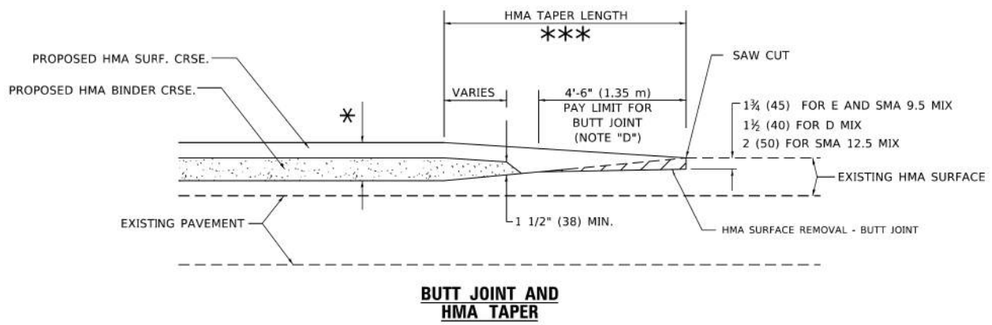


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

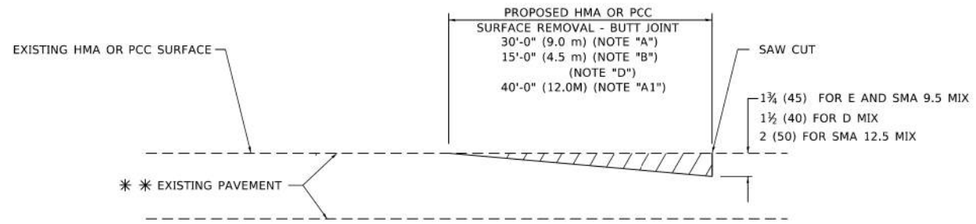
OPTION 2

TYPICAL TEMPORARY RAMP

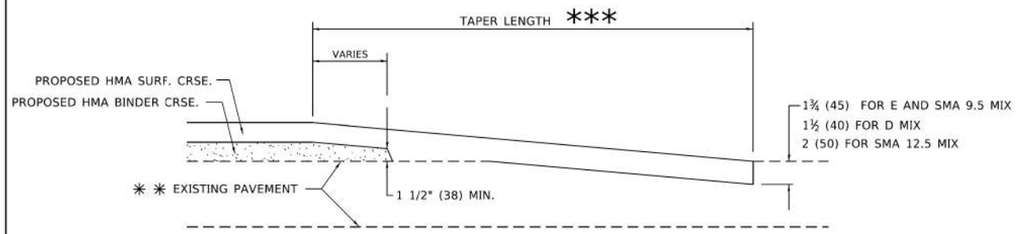


BUTT JOINT AND HMA TAPER

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.

MODEL: Default
FILE NAME: pw:\\dot-pw.kentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\Std22x34\CADData\CADsheets\std12.dgn

USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97	
	DRAWN -	REVISED - M. GOMEZ 04-06-01	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07	
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD400-05 BD-32	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Mstr\CADD_Sheets\D1230652_sht_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

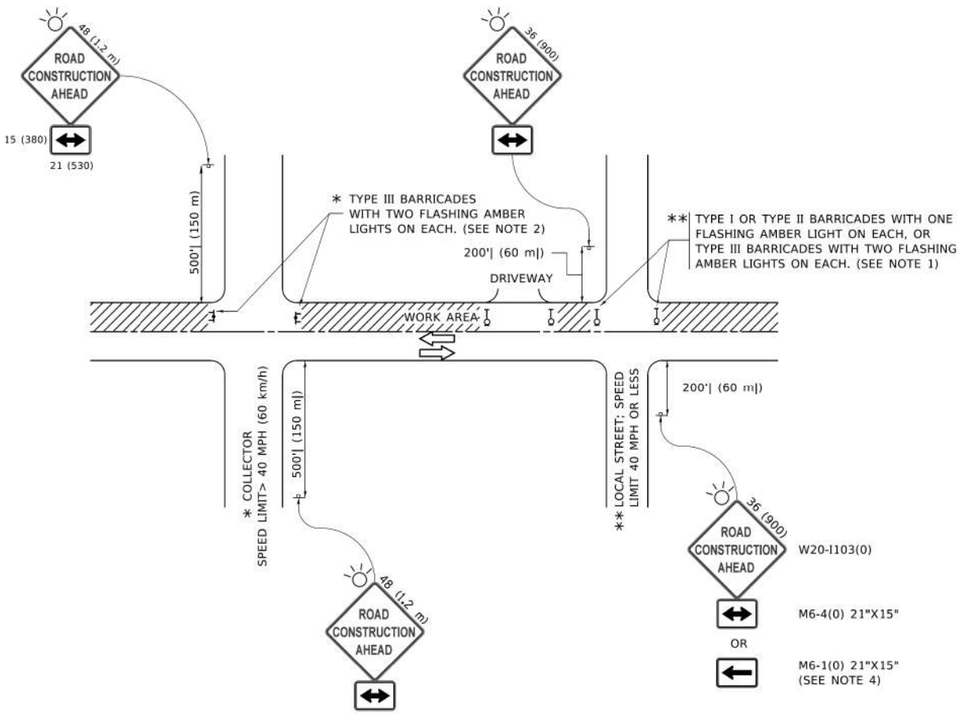
USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS

SCALE: | SHEET 21 OF 22 SHEETS | STA. | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	58
PROJECT NO. 230652		



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.

MODEL: Default
FILE NAME: pw:\\UBEBDINTEG.dlibrvie.spw:PWIDOT\Documents\IDOT Offices\District 1\Projects\Old\SI022-3.4\CADData\CADsheets\tc10.dgn

USER NAME = {footerj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13	
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-10	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: N:\2023\230652\Drawings\Master\CADD_Sheets\D1230652_alt_Details (OAKLAND).dgn

V3 Companies
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME = jholy	DESIGNED -	REVISED -	REVISED -
	DRAWN -	REVISED -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -	REVISED -
PLOT DATE = 3/11/2025	DATE -	REVISED -	REVISED -

WATER MAIN REPLACEMENT
CIRCLE STREET & GREEN STREET
CREST HILL ILLINOIS

DETAILS

SCALE: | SHEET 22 OF 22 SHEETS | STA. | TO STA.

COUNTY	TOTAL SHEETS	SHEET NO.
WILL	59	59
PROJECT NO. 230652		