Exhibit A

CITY OF CREST HILL

CIRCLE STREET AND GREEN STREET

WATER MAIN IMPROVEMENT PROJECT

Crest Hill

CITY OF NEIGHBORS

AGREEMENT
BETWEEN THE CITY OF CREST HILL
AND "CONTRACTOR"

THIS AGREEMENT ("Agreement") is made and entered into by and between the City of Crest Hill ("City") and Austin Tyler Construction Incorporated ("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 Circle Street and Green Street Water Main Improvement Project."

   iv. BDE Special Provisions for the April 25, 2024, Letting.

   v. All Contract Drawings and Construction Details included with the notice to bidders, invitation to bid, and bidding instructions for the Circle Street and Green Street 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 25, 2024.

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

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

4. LIQUIDATED DAMAGES

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

5. CONTRACT SUM

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

6. PROGRESS PAYMENTS

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

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

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

(d) Progress payments shall be computed as follows:

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

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

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

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

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

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

(4) Retainage, as set forth herein.

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

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

(ii) A list of all subcontractors, suppliers, and materialmen, if any, who have been engaged to perform work in connection with the Project, which list shall be sworn

and shall show the sum of all amounts previously paid, presently due, and remaining to be paid to each subcontractor, supplier, and/or materialman.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

8. RETAINAGE

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

9. FINAL PAYMENT

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

(b) Upon receiving a request for final payment under the Contract, the City shall pay the balance of the contract sum within thirty (30) days of completion of punch list items by the Contractor and sign-off and approval by the City. Notwithstanding the forgoing, the City may avail itself of any longer timelines applicable to a payment as available under the Illinois Local Government Prompt Payment (Act 50 ILCS 505/1 *et seq.*), the provisions of which Act shall apply to this Contract. **THE LAW REQURIES THAT THE CONTRACTOR SHALL SUBMIT A SWORN STATEMENT OF PERSONS FURNISHING MATERIALS AND LABOR BEFORE ANY PAYMENTS ARE REQUIRED TO BE MADE TO THE CONTRACTOR (770 ILCS 60/5).**

10. INSURANCE

(a) **General Insurance Requirements.**

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

(b) **Other Insurance Requirements**

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

11. INDEMNIFICATION

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

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

(c) The Contractor hereby intentionally, knowingly, and voluntarily waives the right to assert, under the case of *Kotecki v. Cyclops Welding Corp.*, 146 Ill. 2d 155 (1991) that Contractor's

liability may be limited to the amount of its statutory liability under the Workers' Compensation Act, and agrees that Contractor's liability to indemnify and defend the Owner is not limited by the so called "Kotecki Cap." The Contractor shall include this provision in each of its subcontract agreements and shall require its subcontractors to be so bound.

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

12. COMPLIANCE WITH LAWS

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

13. ASSIGNMENT

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

14. BOND

Pursuant to the *Public Construction Bond Act* (30 ILCS 550/1, *et seq.*), prior to commencing work, the Contractor shall provide a bond in the amount of one hundred percent (100%) of the Contract Sum and conditioned to guarantee the full and complete performance of the work, according to the terms of the specifications, plans and contract, which contract shall be properly executed and signed at the time of filing of said bonds. Pursuant to Section 4 of the *Prevailing Wage Act* (820 ILCS 130/4), the required bond shall include a provisions as will guarantee the faithful performance of the prevailing wage requirements of this Contract and Illinois Law. With

permission of the City, and when state and federal funds are not used on the Work, the Contractor may provide a non-diminishing irrevocable letter of credit, for contracts under $100,000, in lieu of aforesaid bond. This bond or the non-diminishing irrevocable letter of credit are to remain in full force and effect up to and including the final acceptance of the work. After which it shall become null and void only after the Contractor provides a maintenance bond which shall meet the approval of said City of Crest Hill.

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

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

16. WARRANTY

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:

AUSTIN TYLER CONSTRUCTION, INC.

BY: Gary A Schuh

ITS: President

DATE: 6/3/24

ATTEST:

BY:_____

ITS:_____

DATE:_____

Illinois Department of Transportation

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

Affidavit of Availability

For the Letting of 4/26/2024
(Letting date)

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

Part I. Work Under Contract

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

	1	2	3	4	Awards Pending	
Contract Number			62R93			
Contract With	FRANKFORT	JOLIET	IDOT	FRANKFORT	FRANKFORT	
Estimated Completion Date	11/1/24	9/1/24	1/6/24	7/1/24	11/1/24	
Total Contract Price	8,217,823.00	1,921,772.00	1,818,095.00	3,939,595.00	8,217,823.00	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	0.00	1,542,950.00	109,425.00	1,132,722.00	8,217,823.00	11,002,920.00
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
				Total Value of All Work		11,002,920.00

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

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

						Accumulated Totals
Earthwork				50,000.00	415,300.00	465,300.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix		195,000.00		100,000.00		295,000.00
HMA Paving					1,615,900.00	1,615,900.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces			14,100.00	25,000.00		39,100.00
Highway,R.R. and Waterway Structures						0.00
Drainage		1,100,000.00			339,700.00	1,439,700.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction		93,300.00			1,779,400.00	1,872,700.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling				9,500.00	490,400.00	499,900.00
Other Construction (Allowance)						0.00
Other Construction (Layout)						0.00
Other Construction (Misc)		69,000.00		49,412.00		118,412.00
Other Construction (Mobilization)					153,183.00	153,183.00
Other Construction (Traffic Control)		21,850.00	32,000.00	75,000.00	460,000.00	588,850.00
Totals	0.00	1,479,150.00	46,100.00	308,912.00	5,253,883.00	7,088,045.00

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.

Illinois Department of Transportation

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

Affidavit of Availability

For the Letting of 4/26/2024
(Letting date)

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

Part I. Work Under Contract

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

	1	2	3	4	Awards Pending	
Contract Number		62T35				
Contract With	LOCKPORT	IDOT	JOLIET	JOLIET		
Estimated Completion Date	12/1/24	6/1/24	12/1/24	6/1/24		
Total Contract Price	5,778,413.00	995,198.00	2,046,060.00	5,989,498.00		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	4,394,400.00	133,188.00	2,046,060.00	2,139,300.00	0.00	19,715,868.00
Uncompleted Dollar Value if Firm is the Subcontractor	0.00	0.00	0.00	0.00		0.00
				Total Value of All Work		19,715,868.00

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

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

						Accumulated Totals
Earthwork	427,900.00					893,200.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	596,200.00		368,400.00	235,000.00		1,494,600.00
HMA Paving						1,615,900.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	587,600.00					626,700.00
Highway,R.R. and Waterway Structures						0.00
Drainage	1,277,500.00	5,200.00	1,386,160.00			4,108,560.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	809,500.00		92,500.00			2,774,700.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	126,800.00					626,700.00
Other Construction (Allowance)						0.00
Other Construction (Layout)	72,000.00					72,000.00
Other Construction (Misc)			67,500.00			185,912.00
Other Construction (Mobilization)						153,183.00
Other Construction (Traffic Control)	187,000.00		62,000.00	100,000.00		937,850.00
Totals	4,084,500.00	5,200.00	1,976,560.00	335,000.00	0.00	13,489,305.00

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.

Illinois Department of Transportation
Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability

For the Letting of 4/26/2024
(Letting date)

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

Part I. Work Under Contract

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

	1	2	3	4	Awards Pending	
Contract Number				61H20		
Contract With	PLAINFIELD	JOLIET	JOLIET	IDOT		
Estimated Completion Date	11/29/24	11/27/24	12/1/24	5/1/25		
Total Contract Price	10,443,768.00	3,592,706.00	7,994,694.00	16,865,231.00		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	7,755,793.00	3,592,706.00	7,994,694.00	13,031,215.00	0.00	52,090,276.00
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
				Total Value of All Work		52,090,276.00

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

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

						Accumulated Totals
Earthwork	1,722,800.00	267,700.00	274,130.00	1,263,370.00		4,421,200.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	1,672,600.00	469,700.00	690,800.00	2,572,800.00		6,900,500.00
HMA Paving						1,615,900.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	883,900.00	157,800.00		932,600.00		2,601,000.00
Highway,R.R. and Waterway Structures						0.00
Drainage	1,351,400.00	411,300.00	5,231,039.00	956,000.00		12,058,299.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	254,000.00	377,400.00	609,800.00	1,121,700.00		5,137,600.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling		50,800.00		248,558.00		926,058.00
Other Construction (Allowance)	500,000.00					500,000.00
Other Construction (Layout)	112,500.00	36,000.00		65,000.00		285,500.00
Other Construction (Misc)	38,689.00	60,575.00	200,000.00			485,176.00
Other Construction (Mobilization)	60,000.00	30,000.00				243,183.00
Other Construction (Traffic Control)	150,000.00	280,000.00	475,000.00	160,000.00		2,002,850.00
Totals	6,745,889.00	2,141,275.00	7,480,769.00	7,320,028.00	0.00	37,177,266.00

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	1	2	3	4	Awards Pending	
Contract Number						
Contract With	JOLIET	JOLIET	JOLIET TWN	JOLIET		
Estimated Completion Date	12/1/24	12/1/24	7/1/24	12/1/24		
Total Contract Price	5,076,552.00	9,475,973.00	254,742.00	8,646,715.00		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	5,076,552.00	9,475,973.00	254,742.00	8,646,715.00	0.00	75,544,258.00
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
				Total Value of All Work		75,544,258.00

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

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						Accumulated Totals
Earthwork			30,000.00	810,700.00		5,261,900.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	584,280.00	321,895.00	13,200.00	694,250.00		8,514,125.00
HMA Paving						1,615,900.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces			19,800.00			2,620,800.00
Highway,R.R. and Waterway Structures						0.00
Drainage	3,899,342.00	2,406,314.00		4,840,735.00		23,204,690.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	328,900.00	1,537,264.00	130,107.00	523,300.00		7,657,171.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Precon Video						0.00
Cold Milling, Planning & Rotomilling			17,000.00			943,058.00
Other Construction (Precon Video)		250,000.00				750,000.00
Other Construction (Layout)			5,000.00			290,500.00
Other Construction (Misc)	111,000.00			250,000.00		846,176.00
Other Construction (Mobilization)			12,000.00			255,183.00
Other Construction (Traffic Control)	89,000.00	952,000.00	8,000.00	555,000.00		3,606,850.00
Totals	5,012,522.00	5,467,473.00	235,107.00	7,673,985.00	0.00	55,566,353.00

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	1	2	3	4	Awards Pending	
Contract Number	61H98		62H58			
Contract With	IDOT	MOKENA	IDOT	PLAINFIELD		
Estimated Completion Date	7/25/25	9/1/24	7/1/24	9/1/24		
Total Contract Price	10,458,102.00	1,384,583.00	211,505.00	2,733,603.00		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	10,458,102.00	1,218,583.00	211,505.00	2,733,603.00	0.00	90,166,051.00
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
				Total Value of All Work		90,166,051.00

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

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						Accumulated Totals
Earthwork	1,502,400.00	95,300.00	13,900.00	57,900.00		6,931,400.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	1,334,000.00	713,100.00	44,400.00	1,375,900.00		11,981,525.00
HMA Paving						1,615,900.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	735,600.00	55,200.00	19,800.00	6,700.00		3,438,100.00
Highway,R.R. and Waterway Structures	317,700.00					317,700.00
Drainage	1,924,921.00	44,000.00	3,500.00	28,400.00		25,205,511.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	991,900.00	100,000.00	5,200.00	703,000.00		9,457,271.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	30,900.00	131,900.00	12,700.00	278,000.00		1,396,558.00
Other Construction (Allowance)						750,000.00
Other Construction (Layout)	91,000.00		2,500.00			384,000.00
Other Construction (Misc)	216,055.00	23,598.00	7,632.00	22,703.00		1,116,164.00
Other Construction (Mobilization)	435,000.00		12,000.00			702,183.00
Other Construction (Traffic Control)	155,000.00	16,000.00	38,000.00	40,000.00		3,855,850.00
Totals	7,734,476.00	1,179,098.00	159,632.00	2,512,603.00	0.00	67,152,162.00

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	1	2	3	4	Awards Pending	
Contract Number						
Contract With	MINOOKA					
Estimated Completion Date	9/1/24					
Total Contract Price	882,652.00					Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	882,652.00	0.00	0.00	0.00	0.00	91,048,703.00
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
				Total Value of All Work		91,048,703.00

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

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

						Accumulated Totals
Earthwork	11,800.00					6,943,200.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix	536,500.00					12,518,025.00
HMA Paving						1,615,900.00
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	14,000.00					3,452,100.00
Highway,R.R. and Waterway Structures						317,700.00
Drainage	22,600.00					25,228,111.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction	158,900.00					9,616,171.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	92,240.00					1,488,798.00
Other Construction (Allowance)						750,000.00
Other Construction (Layout)						384,000.00
Other Construction (Misc)	2,561.00					1,118,725.00
Other Construction (Mobilization)						702,183.00
Other Construction (Traffic Control)	25,000.00					3,880,850.00
Totals	863,601.00	0.00	0.00	0.00	0.00	68,015,763.00

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Part III. Work Subcontracted to Others

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

	1	2	3	4	Awards Pending
Subcontractor	SEASONS	TBD	VAN MACK	SEASONS	SEASONS
Type of Work	LANDSCAPE	LANDSCAPE	ELECTRIC	LANDSCAPE	LANDSCAPE
Subcontract Price		32,500.00	49,869.00	287,450.00	269,850.00
Amount Uncompleted		32,500.00	0.00	287,450.00	269,850.00
Subcontractor		HOMER	ALLSTATE	VAN MACK	SKC
Type of Work		TREE REM	LJS	ELECTRIC	CRACK FILL
Subcontract Price		12,200.00	57,395.00	853,573.00	103,540.00
Amount Uncompleted		12,200.00	0.00	400,000.00	103,540.00
Subcontractor		TBD	PRECISION	TRAFFIC CONTROL	ADS
Type of Work		FENCING	PAVT MARKING	PAVT MKING	VIDEO
Subcontract Price		12,100.00	63,325.00	27,120.00	20,400.00
Amount Uncompleted		12,100.00	63,325.00	27,120.00	20,400.00
Subcontractor		TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL
Type of Work		PAVT MKING	TRAFFIC CONTROL	TRAFFIC	PAVT MKING
Subcontract Price		7,000.00	45,719.00	90,715.00	111,650.00
Amount Uncompleted		7,000.00	0.00	90,715.00	111,650.00
Subcontractor			GASPERIC	AMERICAN BACKYARD	IROQUIOS PAVING
Type of Work			LAYOUT	FENCING	HMA/GRIND
Subcontract Price			6,500.00	18,525.00	2,458,500.00
Amount Uncompleted			0.00	18,525.00	2,458,500.00
Subcontractor			CSD ENVIRONMENTAL		
Type of Work			SPL WASTE		
Subcontract Price			9,480.00		
Amount Uncompleted			0.00		
Subcontractor			SEASONS		
Type of Work			LANDSCAPE		
Subcontract Price			6,830.00		
Amount Uncompleted			0.00		
Total Uncompleted	0.00	63,800.00	63,325.00	823,810.00	2,963,940.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this _____ day of _____, 20_____.

Type or Print Name Gary S. Schumal — President

Officer or Director — Title

_____

Notary Public

Signed _____

My commission expires: _____

Company Austin Tyler Construction, Inc

(Notary Seal)

Address 23343 S Ridge Road

Elwood,IL 60421

Part III. Work Subcontracted to Others

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

	1	2	3	4	Awards Pending
Subcontractor	SEASONS	HOMER TREE	HOMER	HOMER	
Type of Work	LANDSCAPE	TREE REM	TREE REM	TREE REM	
Subcontract Price	251,000.00	70,163.00	11,200.00	23,850.00	
Amount Uncompleted	251,000.00	70,163.00	11,200.00	0.00	
Subcontractor	TBD	SEASONS	SEASONS	TBD	
Type of Work	PAVT MKING	LANDSCAPE	LANDSCAPE	LANDSCAPE	
Subcontract Price	39,500.00	34,320.00	32,700.00	33,900.00	
Amount Uncompleted	39,500.00	0.00	32,700.00	33,900.00	
Subcontractor	HOMER	PRECISION	TBD	TRAFFIC	
Type of Work	TREE REM	PAVT MKING	FENCING	PAVT MKING	
Subcontract Price	7,000.00	43,985.00	16,600.00	42,400.00	
Amount Uncompleted	7,000.00	0.00	16,600.00	42,400.00	
Subcontractor	TBD	HAWK	TRAFFIC CONTROL	PROCISION	
Type of Work	ELECTRIC	ELECTRIC	PAVT MKING	BORE	
Subcontract Price	12,400.00	2,800.00	9,000.00	317,700.00	
Amount Uncompleted	12,400.00	0.00	9,000.00	0.00	
Subcontractor		TRAFFIC		D CONST	
Type of Work		CONTROL		DRAINAGE	
Subcontract Price		41,650.00		1,928,000.00	
Amount Uncompleted		0.00		1,728,000.00	
Subcontractor		ALLSTATE CUTTING			
Type of Work		JOINT SEAL			
Subcontract Price		39,787.00			
Amount Uncompleted		0.00			
Subcontractor		MCCINTY			
Type of Work		WEED SPRAY			
Subcontract Price		57,825.00			
Amount Uncompleted		57,825.00			
Total Uncompleted	309,900.00	127,988.00	69,500.00	1,804,300.00	0.00

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Part III. Work Subcontracted to Others

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

	1	2	3	4	Awards Pending
Subcontractor	TBD	ELMUND	TBD	ARTEGA	
Type of Work	LANDSCAPE	ELECTRIC	LANDSCAPING	LANDSCAPING	
Subcontract Price	352,900.00	1,296,223.00	141,500.00	466,669.00	
Amount Uncompleted	352,900.00	1,296,223.00	141,500.00	466,669.00	
Subcontractor	D2K	TBD	TBD	RED ANT	
Type of Work	TRAFFIC	LANDSCAPE	FENCING	BORE	
Subcontract Price	80,044.00	89,736.00	26,625.00	115,000.00	
Amount Uncompleted	75,044.00	89,736.00	26,625.00	0.00	
Subcontractor	TBD	HOMER	TRAFFIC CONTROL	ATLANTIC	
Type of Work	ELECTRIC	TREE REM	PAVT MKING	GRAFFITI COATING	
Subcontract Price	409,202.00	13,780.00	34,300.00	545,186.00	
Amount Uncompleted	409,202.00	13,780.00	34,300.00	545,186.00	
Subcontractor	HOMER TREE	TRAFFIC CONTROL	VAN MACK	VAN MACK	
Type of Work	TREE REM	TRAFFIC	ELECTRIC	ELECTRIC	
Subcontract Price	28,975.00	35,766.00	11,500.00	735,136.00	
Amount Uncompleted	0.00	35,766.00	11,500.00	735,136.00	
Subcontractor	PRECISION	TRAFFIC CONTROL	PRECISION	ALF CARTAGE	
Type of Work	PAVT MARKING	PAVT MKING	BORE	CONC MATL	
Subcontract Price	46,138.00	15,926.00	300,000.00	658,607.00	
Amount Uncompleted	46,138.00	15,926.00	300,000.00	658,607.00	
Subcontractor	NORTHERN			DUNNET BAY	
Type of Work	FENCE			NOISE WALL	
Subcontract Price	13,120.00			4,021,369.00	
Amount Uncompleted	13,120.00			3,268,089.00	
Subcontractor	TBD			HOMER	
Type of Work	SOIL ANALYSIS			TREE REM	
Subcontract Price	113,500.00			37,500.00	
Amount Uncompleted	113,500.00			37,500.00	
Total Uncompleted	1,009,904.00	1,451,431.00	513,925.00	5,711,187.00	0.00

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Part III. Work Subcontracted to Others

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

	1	2	3	4	Awards Pending
Subcontractor	TBD	TRAFFIC CONTROL	TRAFFIC CONTROL	TBD	
Type of Work	LANDSCAPING	PAVT MKING	PAVT MKING	LANDSCAPING	
Subcontract Price	38,500.00	115,000.00	19,635.00	122,400.00	
Amount Uncompleted	38,500.00	115,000.00	19,635.00	122,400.00	
Subcontractor	HOMER	D CONST		TBD	
Type of Work	TREE REM	SEWER		FENCING	
Subcontract Price	17,430.00	3,893,500.00		29,750.00	
Amount Uncompleted	17,430.00	3,893,500.00		29,750.00	
Subcontractor	TRAFFIC CONTROL			HOMER	
Type of Work	PAVT MKING			TREE REM	
Subcontract Price	8,100.00			35,780.00	
Amount Uncompleted	8,100.00			35,780.00	
Subcontractor				TRAFFIC CONTROL	
Type of Work				PAVT MKING	
Subcontract Price				8,700.00	
Amount Uncompleted				8,700.00	
Subcontractor				LJ KEEFE	
Type of Work				BORE	
Subcontract Price				776,100.00	
Amount Uncompleted				776,100.00	
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	64,030.00	4,008,500.00	19,635.00	972,730.00	0.00

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

	1	2	3	4	Awards Pending
Subcontractor	ARTEGA	WARD	INDUSTRIAL	TRAFFIC CONTROL	
Type of Work	LANDSCAPE	SHOTCRETE	FENCING	PAVT MKING	
Subcontract Price	196,705.00	8,000.00	25,038.00	122,900.00	
Amount Uncompleted	196,705.00	8,000.00	25,038.00	122,900.00	
Subcontractor	VAN MACK	TBD	ARTEAGA	VAN MACK	
Type of Work	ELECTRIC	LJS	LANSCAPE	ELECTRIC	
Subcontract Price	499,054.00	31,485.00	9,882.00	30,000.00	
Amount Uncompleted	499,054.00	31,485.00	9,882.00	30,000.00	
Subcontractor	SMITH		CSD	TRAFFIC CONTROL	
Type of Work	TRAFFIC		ENVIRONMENTAL	TRAFFIC	
Subcontract Price	339,803.00		12,265.00	68,100.00	
Amount Uncompleted	339,803.00		12,265.00	68,100.00	
Subcontractor	CSD		PRECISION		
Type of Work	ENVIRONMENTAL		PAVT MARKING		
Subcontract Price	164,275.00		4,688.00		
Amount Uncompleted	164,275.00		4,688.00		
Subcontractor	SELLERS				
Type of Work	TRUCKING				
Subcontract Price	557,414.00				
Amount Uncompleted	557,414.00				
Subcontractor	TRAILBLAZER				
Type of Work	PLUMBING				
Subcontract Price	446,375.00				
Amount Uncompleted	446,375.00				
Subcontractor	CARRERA				
Type of Work	CONCRETE				
Subcontract Price	520,000.00				
Amount Uncompleted	520,000.00				
Total Uncompleted	2,723,626.00	39,485.00	51,873.00	221,000.00	0.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this _____ day of _____, 20_____.

Type or Print Name Gary S. Schumal — President

Officer or Director — Title

_____

Notary Public

Signed _____

My commission expires: _____

Company Austin Tyler Construction, Inc

(Notary Seal)

Address 23343 S Ridge Road

Elwood,IL 60421

Part III. Work Subcontracted to Others

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

	1	2	3	4	Awards Pending
Subcontractor	TRAFFIC CONTROL				
Type of Work	PAVT MKING				
Subcontract Price	4,351.00				
Amount Uncompleted	4,351.00				
Subcontractor	SKC				
Type of Work	CRACK				
Subcontract Price	14,700.00				
Amount Uncompleted	14,700.00				
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	19,051.00	0.00	0.00	0.00	0.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this 25th day of APRIL, 2024.

Notary Public

My commission expires: 3/7/27

(Notary Seal)

THOMAS J. PELSI
OFFICIAL SEAL
Notary Public - State of Illinois
My Commission Expires
March 07, 2027

Type or Print Name Gary S. Schumal — President

Officer or Director — Title

Signed

Company Austin Tyler Construction, Inc

Address 23343 S Ridge Road
Elwood,IL 60421

Illinois Department of Transportation

Local Public Agency Proposal Bid Bond

E-mail | Reset Form

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

WE, Austin Tyler Construction, Inc. 23343 S. Ridge Rd. Elwood,Il. 60421 as PRINCIPAL, and Old Republic Surety Company18500 W Corporate Dr Ste 170 Brookfield, WI 53201 as SURETY, are held jointly, severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 10% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LPA this sum under the conditions of this instrument.

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

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

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

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 22nd (Day) of April 2024 (Month and Year)

Principal

Company Name	Company Name
Austin Tyler Construction, Inc.	
Signature & Date	Signature & Date
By: 4/22/24	By:
Title	Title
Gary S. Schumal, President	

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

Surety

Name of Surety	Signature of Attorney-in-Fact Signature & Date
Old Republic Surety Company	By: 4/22/24

STATE OF IL
COUNTY OF Kendall

I Maureen Rott, a Notary Public in and for said county do hereby certify that Gary S. Schumal and Lynn M. Blaylock

(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 22nd (Day) day of April 2024 (Month and Year).

Notary Public Signature & Date: 4/22/24

MAUREEN ROTT
OFFICIAL SEAL
Notary Public - State of Illinois
My Commission Expires
February 04, 2026

(Seal may be required by the LPA)

Date commission expires February 4, 2026

OLD REPUBLIC SURETY COMPANY

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC SURETY COMPANY, a Wisconsin stock insurance corporation, does make, constitute and appoint:

CHRISTOPHER L. SPANGLER, MARK SPANGLER, OF NAPERVILLE, IL

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the company as surety, to execute and deliverand affix the seal of the company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers compensation bonds guaranteeing payment of benefits or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC SURETY COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a special meeting held on February 18, 1982. This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC SURETY COMPANY on February 18, 1982.

RESOLVED that, the president, any vice-president, or assistant vice president, in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the company to bonds, undertakings, recognizances, and suretyship obligations of all kinds; and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company
(i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
(ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned andsealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or
(iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits ofthe authority evidenced by the Power of Attorney issued by the company to such person or persons.

RESOLVED FURTHER, that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification there of authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the company; and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC SURETY COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 18TH day of AUGUST, 2023.

Karen J. Haffner
Assistant Secretary

OLD REPUBLIC SURETY COMPANY

Alan Pavlic
President

STATE OF WISCONSIN, COUNTY OF WAUKESHA-SS

On this 18TH day of AUGUST, 2023, personally came before me, Alan Pavlic and Karen J Haffner, to me known to be the individuals and officers of the OLD REPUBLIC SURETY COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say; that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.

Kathryn R. Pearson
Notary Public
My commission expires: 9/28/2026

(Expiration of notary commission does not invalidate this instrument)

CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC SURETY COMPANY, a Wisconsin corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

63-1338

Signed and sealed at the City of Brookfield, WI this 22nd day of April, 2024

Karen J. Haffner
Assistant Secretary

ROBERTSON RYAN & ASSOCIATES

ADDENDUM NO. 1

April 18, 2024

Proposed Watermain Plans

CITY OF CREST HILL

PUBLIC WORKS CENTER

2090 OAKLAND AVE

WILL COUNTY, ILLINOIS

PROPOSAL DUE DATE: 10:00 AM, April 25, 2024

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

BLR 12230 Form

The bid bond amount has been revised from 5% to 10%

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 _____

Name of Company Austin Tyler Construction, Inc

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

Illinois Department of Transportation

Local Public Agency Formal Contract Proposal

E-mail | Reset Form

COVER SHEET

Proposal Submitted By:

Contractor's Name: Austin Tyler Construction, Inc

Contractor's Address: 23343 S. Ridge Rd | City: Elwood | State: IL | Zip Code: 60421

STATE OF ILLINOIS

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

Route(s) (Street/Road Name): Circle Street, Green Street | Type of Funds: Local

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

Submitted/Approved
For Local Public Agency:

For a County and Road District Project

Submitted/Approved
Highway Commissioner Signature & Date

Submitted/Approved
County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed
Signature & Date

Official Title

Department of Transportation

Released for bid based on limited review
Regional Engineer Signature & Date

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

CREST HILL WATERMAIN IMPROVEMENTS
City of Crest Hill, Illinois
Will County

Bid Tab

Return With Bid

SP	PAY ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
	20101200	TREE ROOT PRUNING	EACH	14	75.00	1,050.00
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	526	20.00	10,520.00
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,577	2.75	4,336.75
	28000510	INLET FILTERS	EACH	35	75.00	2,625.00
*	30103000	SHAPING AND GRADING ROADWAY	SQ YD	1,858	1.75	3,251.50
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	526	38.00	19,988.00
	35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	1,188	20.00	23,760.00
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6,851	.01	68.51
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,276	.01	42.76
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	142	15.00	2,130.00
	40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	364	84.00	30,576.00
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	338	117.00	39,546.00
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	663	91.00	60,333.00
*	44000100	PAVEMENT REMOVAL	SQ YD	3,047	6.00	18,282.00
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	4,691	4.00	18,764.00
	44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	1,168	72.00	84,096.00
*	50100100	STRUCTURES TO BE REMOVED	EACH	3	625.00	1,875.00
*	56103000	DUCTILE IRON WATER MAIN, 6"	FOOT	142	115.00	16,330.00
*	56103100	DUCTILE IRON WATER MAIN, 8"	FOOT	2,048	119.00	243,712.00
*	56105000	WATER VALVES, 6"	EACH	13	2,600.00	33,800.00
*	56400500	FIRE HYDRANT TO BE REMOVED	EACH	6	600.00	3,600.00
*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	8	8,800.00	70,400.00
*	56500800	DOMESTIC WATER SERVICE BOX	EACH	32	250.00	8,000.00
*	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	3,250.00	6,500.00
*	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	5	2,000.00	10,000.00
	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	3,450.00	3,450.00
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3,450.00	10,350.00
*	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13	4,400.00	57,200.00
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	40	5.00	200.00
	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	108	28.00	3,024.00
*	550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	481	113.00	54,353.00
*	550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2, 18"	FOOT	149	131.00	19,519.00
*	550A2570	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 27"	FOOT	35	184.00	6,440.00
*	X0324878	SANITARY SEWER SERVICE ADJUSTMENT	FOOT	125	80.00	10,000.00
*	X0327301	RELOCATE EXISTING MAILBOX	EACH	5	300.00	1,500.00
*	X1200221	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE)	EACH	8	2,500.00	20,000.00
*	X2080250	TRENCH BACKFILL, SPECIAL	CU YD	3,050	55.00	167,750.00
*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	800	20.00	16,000.00
*	X3580300	AGGREGATE BASE REPAIR (SPECIAL)	TON	186	20.00	3,720.00
*	X5610656	WATER MAIN TO BE ABANDONED, 6"	FOOT	1,879	12.00	22,548.00
*	X5610706	WATER MAIN REMOVAL, 6"	FOOT	174	35.00	6,090.00
*	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	8	900.00	7,200.00
*	X6026632	VALVE BOXES TO BE REMOVED	EACH	5	600.00	3,000.00
*	X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L SUM	1	60,000.00	60,000.00
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	2	.01	.02
*	Z0018400	STORM STRUCTURES TO BE ADJUSTED	EACH	15	750.00	11,250.00
*		PARKWAY RESTORATION - SODDING	SQ YD	1,327	25.00	33,175.00
*		PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	SQ YD	734	100.00	73,400.00
*		COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	FOOT	1,521	55.00	83,655.00
*		INSERTION VALVES, 8"	EACH	2	12,000.00	24,000.00
*		WATER SERVICE LINE, 1" (SHORT)	EACH	18	3,100.00	55,800.00
*		WATER SERVICE LINE, 1" (LONG)	EACH	14	4,000.00	56,000.00
*		CASH ALLOWANCE	UNITS	50,000	1	$ 50,000.00
*		SUMP LINE	FOOT	100	40.00	4,000.00
*		TEMPORARY ACCESS	EACH	9	.01	.09
*		FRAME AND LID TO BE ADJUSTED (SPECIAL)	EACH	2	1,500.00	3,000.00
*		WATER MAIN CASING SLEEVE	FOOT	40	90.00	3,600.00
			TOTAL CONSTRUCTION COST			$ 1,585,250.63

TOTAL BID 1,585,250.63

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Crest Hill	Will	N/A	Circle Street, Green Street

NOTICE TO BIDDERS

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

20600 City Center Boulevard, Crest Hill, IL 60403 (Address) until 10:00 AM (Time) on 04/25/24 (Date).

Sealed proposals will be opened and read publicly at the office of City's council chambers (Name of Office)

20600 City Center Boulevard, Crest Hill, IL 60403 (Address) at 10:00 AM (Time) on 04/25/24 (Date).

DESCRIPTION OF WORK

Location	Project Length
Circle & Green St- Caton Farm Rd to Grandview Ave; Sweetbriar Ave - Root St to Green St	

Proposed Improvement

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

1. Plans and proposal forms will be available in the office of

Contact Jason Holy at jholy@v3co.com or by calling 630-254-1522 and requesting a digital set.

2. ☑ Prequalification

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

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

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

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

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

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

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

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Crest Hill	Will	N/A	Circle Street, Green Street

PROPOSAL

1. Proposal of Austin Tyler Construction, Inc
23343 S Ridge Road
Elwood, IL 60421
Contractor's Name
Contractor's Address

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

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

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

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

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

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

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

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

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

The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

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

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Crest Hill	Will	N/A	Circle Street, Green Street

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	Circle Street, Green Street

SIGNATURES

(If an individual)

Bidder Signature & Date

Business Address

City | State | Zip Code

(If a partnership)

Firm Name

Signature & Date

Title

Business Address

City | State | Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name: Austin Tyler Construction, Inc

Signature & Date: 3/29/24

Title: President

Business Address: 23343 S. Ridge Rd.

City: Elwood | State: IL | Zip Code: 60421

AUSTIN TYLER CONSTRUCTION, INC. SEAL ELWOOD, IL.

Insert Names of Officers

President: President

Secretary: Tina Wildrick

Treasurer

Attest:

Secretary

Subcontractor Form

Contractor Name	Conractor Contact Information	Work Performed
TBD	TBD	Pavement Marking
TBD	TBD	Landscaping

Prime Contractor: Austin Tyler Construction, Inc

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 5/28/2024

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 Robertson Ryan & Associates, Inc 1770 Park Street, Suite 210 Naperville IL 60563	**CONTACT NAME:** Maureen Rott **PHONE (A/C, No, Ext):** 630.420.3400 **FAX (A/C, No):** 630.420.8520 **E-MAIL ADDRESS:** mrott@robertsonryan.com
	INSURER(S) AFFORDING COVERAGE / **NAIC #** **INSURER A :** THE CINCINNATI INSURANCE COMPANIES 10677 **INSURER B :** Chubb Indemnity Insurance Co 12777 **INSURER C :** **INSURER D :** **INSURER E :** **INSURER F :**
INSURED AUSTYL1 Austin Tyler Construction, Inc Joliet Asphalt, LLC 23343 S. Ridge Road Elwood IL 60421	

COVERAGES **CERTIFICATE NUMBER:** 2032245567 **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 X XCU Included X Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY [X] PRO-JECT [ ] LOC [ ] OTHER:	Y	Y	EPP 0625850	8/25/2023	8/25/2024	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG 	$ 2,000,000 $ 300,000 $ 10,000 $ 2,000,000 $ 4,000,000 $ 4,000,000 $
A	**AUTOMOBILE LIABILITY** X ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS X HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY	Y	Y	EBA0625850	8/25/2023	8/25/2024	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) 	$ 2,000,000 $ $ $ $
A	X **UMBRELLA LIAB** [X] OCCUR **EXCESS LIAB** [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $			EPP 0625850	8/25/2023	8/25/2024	EACH OCCURRENCE AGGREGATE 	$ 15,000,000 $ 15,000,000 $
A	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** Y / N ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A	Y	EWC 062585102	8/25/2023	8/25/2024	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
A B	Inland Marine Pollution Liability Installation Floater			EPP 0625850 CPM G72537695 002	8/25/2023 8/25/2023	8/25/2024 8/25/2024	Leased/Rented Site & Premises Installation Floater	$500,000 $3,000,000 $750,000

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

Project: Circle Street - Green Street Caton Farm Rd to Grandview Ave; Sweetbriar Ave - Root Street to Green Street Watermain

The following are additional insureds as respects general liability and auto liability coverages on a primary and non-contributory basis, for the work performed by the above insured, as required by direct written contract, subject to the forms and endorsements attached to the policies: City of Crest Hill and their respective elected and appointed officials, employees, agents, consultants, attorneys and representatives; and V3 Companies, LTD. A Waiver of subrogation in favor of the aforementioned additional insureds applies to the general liability, auto liability and workers compensation coverages as required by written contract. Umbrella coverage follows underlying policies.

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

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CinciPlus®
BUSINESS AUTO XC+®
(EXPANDED COVERAGE PLUS)
ENDORSEMENT

This endorsement modifies insurance provided by the following:

BUSINESS AUTO COVERAGE FORM

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

A. Blanket Waiver of Subrogation

SECTION IV - BUSINESS AUTO CONDITIONS, A. Loss Conditions, 5. Transfer of Rights of Recovery Against Others to Us is amended by the addition of the following:

We waive any right of recovery we may have against any person or organization because of payments we make for "bodily injury" or "property damage" arising out of the operation of a covered "auto" when you have assumed liability for such "bodily injury" or "property damage" under an "insured contract", provided the "bodily injury" or "property damage" occurs subsequent to the execution or the "insured contract".

B. Noncontributory Insurance

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 5. Other Insurance c. is deleted in its entirety and replaced by the following:

c. Regardless of the provisions of Paragraph **a.** above, this Coverage Form's Liability Coverage is primary and we will not seek contribution from any other insurance for any liability assumed under an "insured contract" that requires liability to be assumed on a primary noncontributory basis.

C. Additional Insured by Contract

SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who is an Insured is amended to include as an insured any person or organization for whom you have agreed in a valid written contract to provide insurance as afforded by this policy.

This provision is limited to the scope of the valid written contract.

This provision does not apply unless the valid written contract has been:

1. Executed prior to the accident causing "bodily injury" or "property damage"; and

2. Is still in force at the time of the "accident" causing "bodily injury" or "property damage".

D. Employee Hired Auto

1. Changes in Liability Coverage

The following is added to the **SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who is an Insured**:

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

2. Changes in General Conditions

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 5. Other Insurance is deleted in its entirety and replaced by the following:

b. For Hired Auto Physical Damage Coverage the following are deemed to be covered "autos" you own:

(1) Any covered "auto" you lease, hire, rent or borrow; and

(2) Any covered "auto" hired or rented by your "employee" under a contract in that individual "employee's" name, with your permission, while performing duties related to the conduct of your business.

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However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

E. Audio, Visual and Data Electronic Equipment

SECTION III - PHYSICAL DAMAGE COVERAGE, C. Limit of Insurance is amended by adding the following:

4. The most we will pay for all "loss" to audio, visual or data electronic equipment and any accessories used with this equipment as a result of any one "accident" is the lesser of:

a. The actual cash value of the damaged or stolen property as of the time of the "accident";

b. The cost of repairing or replacing the damaged or stolen property with other property of like kind and quality; or

c. $2,500.

Provided the equipment, at the time of the "loss" is:

a. Permanently installed in or upon the covered "auto" in a housing, opening or other location that is not normally used by the "auto" manufacturer for the installation of such equipment;

b. Removable from a permanently installed housing unit as described in Paragraph **2.a.** above; or

c. An integral part of such equipment.

F. Who is an Insured - Amended

SECTION II - LIABILITY COVERAGE, A. Coverage, 1. Who is an Insured is amended by adding the following:

The following are "insureds":

1. Any subsidiary which is a legally incorporated entity of which you own a financial interest of more than 50% of the voting stock on the effective date of this coverage form.

However, the insurance afforded by this provision does not apply to any subsidiary that is an "insured" under any other automobile liability policy or would be an "insured" under such policy but for termination of such policy or the exhaustion of such policy's limits of insurance.

2. Any organization that is newly acquired or formed by you and over which you maintain majority ownership. The insurance provided by this provision:

a. Is effective on the date of acquisition or formation, and is afforded for 180 days after such date;

b. Does not apply to "bodily injury" or "property damage" resulting from an "accident" that occurred before you acquired or formed the organization;

c. Does not apply to any newly acquired or formed organization that is a joint venture or partnership; and

d. Does not apply to an insured under any other automobile liability policy or would be an insured under such a policy but for the termination of such policy or the exhaustion of such policy's limits of insurance.

3. Any of your "employees" while using a covered "auto" in your business or your personal affairs, provided you do not own, hire or borrow that "auto".

G. Liability Coverage Extensions - Supplementary Payments - Higher Limits

SECTION II - LIABILITY COVERAGE, A. Coverage, 2. Coverage Extensions, a. Supplementary Payments is amended by:

1. Replacing the $2,000 Limit of Insurance for bail bonds with $4,000 in **(2)**; and

2. Replacing the $250 Limit of Insurance for reasonable expenses with $500 in **(4)**.

H. Amended Fellow Employee Exclusion

SECTION II - LIABILITY COVERAGE, B. Exclusions, 5. Fellow Employee is modified as follows:

Exclusion **5. Fellow Employee** is deleted.

I. Hired Auto - Physical Damage

If hired "autos" are covered "autos" for Liability Coverage, then Comprehensive and Collision Physical Damage Coverages as provided under **SECTION III - PHYSICAL DAMAGE COVERAGE** of this Coverage Part are extended to "autos" you hire, subject to the following:

1. The most we will pay for "loss" to any hired "auto" is $50,000 or the actual cash value or cost to repair or replace, whichever is the least, minus a deductible.

2. The deductible will be equal to the largest deductible applicable to any owned "auto" for that coverage, or $1,000, whichever is less.

3. Hired Auto - Physical Damage coverage is excess over any other collectible insurance.

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4. 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 insured under this policy.

Coverage includes loss of use of that hired auto, provided it results from an "accident" for which you are legally liable and as a result of which a monetary loss is sustained by the leasing or rental concern. The most we will pay for any one "accident" is $3,000.

If a limit for Hired Auto - Physical Damage is shown in the Schedule, then that limit replaces, and is not added to, the $50,000 limit indicated above and the deductibles shown in the Schedule are applicable.

J. Rental Reimbursement

SECTION III - PHYSICAL DAMAGE COVERAGE is amended by adding the following:

1. We will pay for rental reimbursement expenses incurred by you for the rental of an "auto" because of a "loss" to a covered "auto". Payment applies in addition to the otherwise applicable amount of each coverage you have on a covered "auto". No deductible applies to this coverage.
2. 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 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; or
   b. 30 days.
3. Our payment is limited to the lesser of the following amounts:
   a. Necessary and actual expenses incurred; or
   b. $50 per day.
4. This coverage does not apply while there are spare or reserve "autos" available to you for your operations.
5. We will pay under this coverage only that amount of your rental reimbursement expenses which is not already provided for under **SECTION III - PHYSICAL DAMAGE COVERAGE, A. Coverage, 4. Coverage Extensions.**

K. Transportation Expense - Higher Limits

SECTION III - PHYSICAL DAMAGE COVERAGE, A. Coverage, 4. Coverage Extensions is amended by replacing $20 per day with $50 per day, and $600 maximum with $1,500 maximum in **Extension a. Transportation Expenses.**

L. Airbag Coverage

SECTION III - PHYSICAL DAMAGE COVERAGE, B. Exclusions, 3.a. is amended by adding the following:

However, the mechanical and electrical breakdown portion of this exclusion does not apply to the accidental discharge of an airbag. This coverage for airbags is excess over any other collectible insurance or warranty.

M. Loan or Lease Gap Coverage

1. **SECTION III - PHYSICAL DAMAGE COVERAGE, C. Limit of Insurance** is deleted in its entirety and replaced by the following, but only for private passenger type "autos" with an original loan or lease, and only in the event of a "total loss" to such a private passenger type "auto":
   a. The most we will pay for "loss" in any one "accident" is the greater of:
      (1) The amount due under the terms of the lease or loan to which your covered private passenger type "auto" is subject, but will not include:
         (a) Overdue lease or loan payments;
         (b) Financial penalties imposed under the lease due to high mileage, excessive use or abnormal wear and tear;
         (c) Security deposits not refunded 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, or
      (2) Actual cash value of the stolen or damaged property.
   b. An adjustment for depreciation and physical condition will be made in determining actual cash value at the time of "loss".

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2. **SECTION V - DEFINITIONS** is amended by adding the following, but only for the purposes of this **Loan or Lease Gap Coverage**:

   "Total loss" means a "loss" in which the cost of repairs plus the salvage value exceeds the actual cash value.

N. Glass Repair - Waiver of Deductible

SECTION III - PHYSICAL DAMAGE COVERAGE, D. Deductible is amended by adding the following:

No deductible applies to glass damage if the glass is repaired in a manner acceptable to us rather than replaced.

O. Duties in the Event of an Accident, Claim, Suit or Loss - Amended

SECTION IV - BUSINESS AUTO CONDITIONS, A. Loss Conditions, 2. Duties in the Event of Accident, Claim, Suit or Loss, a. is amended by adding the following:

This condition 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. An executive officer or insurance manager, if you are a corporation; or
4. A member or manager, if you are a limited liability company.

P. Unintentional Failure to Disclose Hazards

SECTION IV - BUSINESS AUTO CONDITIONS, B. General Conditions, 2. Concealment, Misrepresentation or Fraud is amended by adding the following:

However, if you unintentionally fail to disclose any hazards existing on the effective date of this Coverage Form, we will not deny coverage under this Coverage Form because of such failure.

Q. Mental Anguish Resulting from Bodily Injury

SECTION V - DEFINITIONS, C. "Bodily injury" is deleted in its entirety and replaced by the following:

"Bodily injury" means bodily injury, sickness or disease sustained by a person, including mental anguish and death sustained by the same person that results from such bodily injury, sickness or disease. "Bodily injury" does not include mental anguish or death that does not result from bodily injury, sickness or disease.

R. Coverage for Certain Operations in Connection with Railroads

With respect to the use of a covered "auto" in operations for or affecting a railroad:

1. **SECTION V - DEFINITIONS, H.** "Insured contract", **1.c.** is deleted in its entirety and replaced by the following:

   c. An easement or license agreement;

2. **SECTION V - DEFINITIONS, H.** "Insured contract", **2.a.** is deleted.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

CONTRACTORS ADDITIONAL INSURED - AUTOMATIC STATUS AND AUTOMATIC WAIVER OF SUBROGATION WHEN REQUIRED IN WRITTEN CONTRACT, AGREEMENT, PERMIT OR AUTHORIZATION - ILLINOIS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Additional Insured - Owners, Lessees Or Contractors - Automatic Status For Other Parties When Required In Written Contract Or Agreement With You

1. **Section II - Who Is An Insured** is amended to include as an additional insured any person or organization you have agreed in writing in a contract or agreement to add as an additional insured on this Coverage Part. Such person(s) or organization(s) is an additional insured only with respect to liability for:

   a. "Bodily injury", "property damage" or "personal and advertising injury" *caused, in whole or in part, by* the performance of your ongoing operations by you or on your behalf, under that written contract or written agreement. Ongoing operations 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; and

   b. "Bodily injury" or "property damage" *caused, in whole or in part, by* "your work" performed under that written contract or written agreement and included in the "products-completed operations hazard", but only if:

      (1) The Coverage Part to which this endorsement is attached provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard"; and

      (2) The written contract or written agreement requires you to provide additional insured coverage included within the "products-completed operations hazard" for that person or organization.

      If the written contract or written agreement requires you to provide additional insured coverage included within the "products-completed operations hazard" for a specified length of time for that person or organization, the "bodily injury" or "property damage" must occur prior to the expiration of that period of time in order for this insurance to apply.

      If the written contract or written agreement requires you to provide additional insured coverage for a person or organization per only ISO additional insured endorsement form number **CG 20 10**, without specifying an edition date, and without specifically requiring additional insured coverage included within the "products-completed operations hazard", this Paragraph **b.** does not apply to that person or organization.

2. If the written contract or written agreement described in Paragraph **1.** above specifically requires you to provide additional insured coverage to that person or organization:

   a. *Arising out of* your ongoing operations or *arising out of* "your work"; or

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b. By way of an edition of an ISO additional insured endorsement that includes *arising out of* your ongoing operations or *arising out of* "your work";

then the phrase *caused, in whole or in part, by* in Paragraph **A.1.a.** and/or Paragraph **A.1.b.** above, whichever applies, is replaced by the phrase *arising out of.*

3. With respect to the insurance afforded to the additional insureds described in Paragraph **A.1.**, 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 architectural, engineering or surveying services, including:

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

b. Supervisory, inspection, architectural or engineering activities.

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 architectural, engineering or surveying services.

4. This Paragraph **A.** does not apply to additional insureds described in Paragraph **B.**

B. Additional Insured - State Or Governmental Agency Or Subdivision Or Political Subdivision - Automatic Status When Required In Written Permits Or Authorizations

1. Section II - Who Is An Insured is amended to include as an additional insured any state or governmental agency or subdivision or political subdivision you have agreed in writing in a permit or authorization to add as an additional insured on this Coverage Part. Such state or governmental agency or subdivision or political subdivision is an additional insured only with respect to operations performed by you or on your behalf for which the state or governmental agency or subdivision or political subdivision has issued, in writing, a permit or authorization.

2. With respect to the insurance afforded to the additional insureds described in Paragraph **B.1.**, the following additional exclusions apply:

This insurance does not apply to:

a. "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the federal government, state or municipality; or

b. "Bodily injury" or "property damage" included within the "products-completed operations hazard."

C. The insurance afforded to additional insureds described in Paragraphs **A.** and **B.**:

1. Only applies to the extent permitted by law;

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

3. Does not apply to any person, organization, state, governmental agency or subdivision or political subdivision specifically named as an additional insured for the same project in the schedule of an endorsement added to this Coverage Part; and

4. Does not apply to the City of Chicago, its officers, employees and agents with respect to liability caused by or arising from:

a. The building or disassembly of scaffolding by or for you; or

b. The use of such scaffolding.

D. With respect to the insurance afforded to the additional insureds described in Paragraphs **A.** and **B.**, 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 written contract, written agreement, written permit or written authorization described in Paragraphs **A.** and **B.** For the purpose of determining the required amount of insurance only, we will include the minimum amount of any Umbrella Liability or Excess Liability coverage required for that additional insured in that written contract, written agreement, written permit or written authorization; or

2. Available under the applicable limits of insurance;

whichever is less.

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This endorsement shall not increase the applicable limits of insurance shown in the Declarations.

E. **Section IV - Commercial General Liability Conditions** is amended to add the following:

Automatic Additional Insured Provision

This insurance applies only if the "bodily injury" or "property damage" occurs, or the "personal and advertising injury" offense is committed:

1. During the policy period; and
2. Subsequent to your execution of the written contract or written agreement, or the issuance of a written permit or written authorization, described in Paragraphs **A.** and **B.**

F. Except when **G.** below applies, the following is added to **Section IV - Commercial General Liability Conditions, 5. Other Insurance,** and supersedes any provision to the contrary:

When Other Additional Insured Coverage Applies On An Excess Basis

This insurance is primary to other insurance available to the additional insured described in Paragraphs **A.** and **B.** except:

1. As otherwise provided in **Section IV - Commercial General Liability Conditions**, **Other Insurance**, **b. Excess Insurance**; or
2. For any other valid and collectible insurance available to the additional insured as an additional insured on another insurance policy that is written on an excess basis. In such case, this insurance is also excess.

G. The following is added to **Section IV - Commercial General Liability Conditions, Other Insurance,** and supersedes any provision to the contrary:

Primary Insurance When Required By Written Contract, Agreement, Permit Or Authorization

Except when wrap-up insurance applies to the claim or "suit" on behalf of the additional insured, this insurance is primary to any other insurance available to the additional insured described in Paragraphs **A.** and **B.** provided that:

1. The additional insured is a Named Insured under such other insurance; and
2. You have agreed in writing in a contract, agreement, permit or authorization described in Paragraph **A.** or **B.** that this insurance would be primary to any other insurance available to the additional insured.

As used in this endorsement, wrap-up insurance means a centralized insurance program under which one party has secured either insurance or self-insurance covering some or all of the contractors or subcontractors performing work on one or more specific project(s).

Primary And Noncontributory Insurance When Required By Written Contract, Agreement, Permit Or Authorization

Except when wrap-up insurance applies to the claim or "suit" on behalf of the additional insured, this insurance is primary to and will not seek contribution from any other insurance available to the additional insured described in Paragraphs **A.** and **B.** provided that:

1. The additional insured is a Named Insured under such other insurance; and
2. You have agreed in writing in a contract, agreement, permit or authorization described in Paragraph **A.** or **B.** that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

As used in this endorsement, wrap-up insurance means a centralized insurance program under which one party has secured either insurance or self-insurance covering some or all of the contractors or subcontractors performing work on one or more specific project(s).

H. **Section IV - Commercial General Liability Conditions, Transfer Of Rights Of Recovery Against Others To Us** is amended by the addition of the following:

Waiver of Subrogation

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

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED LOCATION(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Designated Location(s):
EACH LOCATION OWNED, RENTED OR LEASED TO OR BY THE NAMED INSURED
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** - Coverage **A,** and for all medical expenses caused by accidents under Section **I** - Coverage **C,** which can be attributed only to operations at a single designated "location" shown in the Schedule above:

1. A separate Designated Location General Aggregate Limit applies to each designated "location", and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.

2. The Designated Location General Aggregate Limit is the most we will pay for the sum of all damages under Coverage **A,** except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage **C** regardless of the number of:

   a. Insureds;

   b. Claims made or "suits" brought; or

   c. Persons or organizations making claims or bringing "suits".

3. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the Designated Location General Aggregate Limit for that designated "location". Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Location General Aggregate Limit for any other designated "location" shown in the Schedule above.

4. The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Location General Aggregate Limit.

B. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** - Coverage **A,** and for all medical expenses caused by accidents under Section **I** - Coverage **C,** which cannot be attributed only to operations at a single designated "location" shown in the Schedule above:

1. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and

2. Such payments shall not reduce any Designated Location General Aggregate Limit.

C. When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Location General Aggregate Limit.

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D. For the purposes of this endorsement, the **Definitions** Section is amended by the addition of the following definition:

"Location" means premises involving the same or connecting lots, or premises whose connection is interrupted only by a street, roadway, waterway or right-of-way of a railroad.

E. The provisions of Section **III -** Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.

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WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule.

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

Schedule

Blanket Waiver of Subrogation

If you are required by a written contract or agreement, which is executed before a loss, to waive your rights of recovery from others, we agree to waive our rights of recovery.

This waiver of rights applies to any person or organization for whom the Named Insured has agreed by written contract to furnish this waiver, but shall not be construed to be a waiver with respect to any other operations in which the Insured has no contractual interest.

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 **08-25-23** Policy No.**EWC 062 58 51-02** Endorsement No.

Insured **AUSTIN TYLER CONSTRUCTION INC**

Insurance Company **THE CINCINNATI INSURANCE COMPANY** Premium $**INCL**

Countersigned by _____

WC 00 03 13

© 1983 National Council on Compensation Insurance.

Bond # 7463825

Document A312™ – 2010

Conforms with The American Institute of Architects AIA Document 312

Performance Bond

CONTRACTOR:
(Name, legal status and address)

Austin Tyler Construction, Inc.
23343 S. Ridge Rd.
Elwood, Il. 60421

SURETY:
(Name, legal status and principal place of business)

Old Republic Surety Company

Mailing Address for Notices

18500 W Corporate Drive
Suite 170
Brookfield, WI. 53045

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

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

OWNER:
(Name, legal status and address)

City of Crest Hill
20600 City Center Boulevard
Crest Hills, Il. 60403

CONSTRUCTION CONTRACT
Date: June 4, 2024

Amount: $ 1,585,250.63 One million five hundred eighty five thousand two hundred fifty dollars and 63/100---

Description:
(Name and location)

Circle Street, Green Street Caton Farm Road to Grandview Ave; Sweetbriar Ave - Root Street to Green Street Watermain

BOND
Date: June 4, 2024
(Not earlier than Construction Contract Date)

Amount: $ 1,585,250.63 One million five hundred eighty five thousand two hundred fifty dollars and 63/100---

Modifications to this Bond: ☑ None ☐ See Section 16

CONTRACTOR AS PRINCIPAL

Company: *(Corporate Seal)*
Austin Tyler Construction, Inc.

Signature:

Name and Title:
Gary S. Schumal, President

SURETY

Company: *(Corporate Seal)*
Old Republic Surety Company

Signature:

Name and Title:
Maureen Rott, Attorney in Fact

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

(FOR INFORMATION ONLY — Name, address and telephone)

AGENT or **BROKER:**

Robertson Ryan & Associates
1770 Park St. Suite 210
Naperville, IL 60563

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

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

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

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

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

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

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

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

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

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

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

- **.1** After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
- **.2** Deny liability in whole or in part and notify the Owner, citing the reasons for denial.

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

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

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

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

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

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

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

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

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

§ 14 Definitions

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

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

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

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

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

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

§ 16 Modifications to this bond are as follows:

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

CONTRACTOR AS PRINCIPAL		**SURETY**	
Company:	*(Corporate Seal)*	Company:	*(Corporate Seal)*
Austin Tyler Construction, Inc.		Old Republic Surety Company	
Signature:		Signature:	
Name and Title:		Name and Title:	
Address		Address	

OLD REPUBLIC SURETY COMPANY

Bond#7463825

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC SURETY COMPANY, a Wisconsin stock insurance corporation, does make, constitute and appoint:

CHRISTOPHER L. SPANGLER, MARK SPANGLER, LYNN M. BLAYLOCK, MAUREEN ROTT, CHRISTINE CANNELLA, OF NAPERVILLE, IL

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the company as surety, to execute and deliverand affix the seal of the company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers compensation bonds guaranteeing payment of benefits or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC SURETY COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a special meeting held on February 18, 1982. This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC SURETY COMPANY on February 18, 1982.

RESOLVED that, the president, any vice-president, or assistant vice president, in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the company to bonds, undertakings, recognizances, and suretyship obligations of all kinds; and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company
(i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
(ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned andsealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or
(iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits ofthe authority evidenced by the Power of Attorney issued by the company to such person or persons.

RESOLVED FURTHER, that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification there of authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the company; and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC SURETY COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 11TH day of JANUARY, 2024.

OLD REPUBLIC SURETY COMPANY

Karen J. Haffner
Assistant Secretary

OLD REPUBLIC SURETY COMPANY CORPORATE SEAL 1981

Alan Pavlic
President

STATE OF WISCONSIN, COUNTY OF WAUKESHA-SS

On this 11TH day of JANUARY, 2024, personally came before me, Alan Pavlic and Karen J Haffner, to me known to be the individuals and officers of the OLD REPUBLIC SURETY COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say; that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.

KATHRYN R. PEARSON NOTARY PUBLIC STATE OF WISCONSIN

Kathryn R. Pearson
Notary Public
My commission expires: 9/28/2026

(Expiration of notary commission does not invalidate this instrument)

CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC SURETY COMPANY, a Wisconsin corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

63-1338

OLD REPUBLIC SURETY COMPANY CORPORATE SEAL 1981

Signed and sealed at the City of Brookfield, WI this 3rd day of June 2024.

Karen J. Haffner
Assistant Secretary

ROBERTSON RYAN & ASSOCIATES

BOND # 7463825

Document A312™ – 2010

Conforms with The American Institute of Architects AIA Document 312

Payment Bond

CONTRACTOR:
(Name, legal status and address)

Austin Tyler Construction, Inc.
23343 S. Ridge Rd.
Elwood, Il. 60421

SURETY:
(Name, legal status and principal place of business)

Old Republic Surety Company

Mailing Address for Notices

18500 W Corporate Drive
Suite 170
Brookfield, WI. 53045

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

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

OWNER:
(Name, legal status and address)

City of Crest Hill
20600 City Center Boulevard
Crest Hills, Il. 60403

CONSTRUCTION CONTRACT
Date: June 4, 2024

Amount: $ 1,585,250.63 One million five hundred eighty five thousand two hundred fifty dollars and 63/100---

Description:
(Name and location)

Circle Street, Green Street Caton Farm Road to Grandview Ave; Sweetbriar Ave - Root Street to Green Street Watermain

BOND
Date: June 4, 2024
(Not earlier than Construction Contract Date)

Amount: $ 1,585,250.63 One million five hundred eighty five thousand two hundred fifty dollars and 63/100---

Modifications to this Bond: ☑ None ☐ See Section 18

CONTRACTOR AS PRINCIPAL
Company: *(Corporate Seal)*

AUSTIN TYLER CONSTRUCTION INC SEAL ELWOOD, IL.

Signature:

Name and Title:
Gary S. Schumal, President

SURETY
Company: *(Corporate Seal)*
Old Republic Surety Company

Signature:

Name and Title:
Maureen Rott Attorney-In-Fact

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

(FOR INFORMATION ONLY — Name, address and telephone)

AGENT or **BROKER:**

Robertson Ryan & Associates
1770 Park St. Suite 210
Naperville, IL 60563

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

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

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

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

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

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

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

- **.1** have furnished a written notice of non-payment to the Contractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were, or equipment was, furnished or supplied or for whom the labor was done or performed, within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and
- **.2** have sent a Claim to the Surety (at the address described in Section 13).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

§ 16 Definitions

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

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

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

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

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

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

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

§ 18 Modifications to this bond are as follows:

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

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

OLD REPUBLIC SURETY COMPANY

Bond#7463825

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That OLD REPUBLIC SURETY COMPANY, a Wisconsin stock insurance corporation, does make, constitute and appoint:

CHRISTOPHER L. SPANGLER, MARK SPANGLER, LYNN M. BLAYLOCK, MAUREEN ROTT, CHRISTINE CANNELLA, OF NAPERVILLE, IL

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the company as surety, to execute and deliverand affix the seal of the company thereto (if a seal is required), bonds, undertakings, recognizances or other written obligations in the nature thereof, (other than bail bonds, bank depository bonds, mortgage deficiency bonds, mortgage guaranty bonds, guarantees of installment paper and note guaranty bonds, self-insurance workers compensation bonds guaranteeing payment of benefits or black lung bonds), as follows:

ALL WRITTEN INSTRUMENTS

and to bind OLD REPUBLIC SURETY COMPANY thereby, and all of the acts of said Attorneys-in-Fact, pursuant to these presents, are ratified and confirmed. This appointment is made under and by authority of the board of directors at a special meeting held on February 18, 1982. This Power of Attorney is signed and sealed by facsimile under and by the authority of the following resolutions adopted by the board of directors of the OLD REPUBLIC SURETY COMPANY on February 18, 1982.

RESOLVED that, the president, any vice-president, or assistant vice president, in conjunction with the secretary or any assistant secretary, may appoint attorneys-in-fact or agents with authority as defined or limited in the instrument evidencing the appointment in each case, for and on behalf of the company to execute and deliver and affix the seal of the company to bonds, undertakings, recognizances, and suretyship obligations of all kinds; and said officers may remove any such attorney-in-fact or agent and revoke any Power of Attorney previously granted to such person.

RESOLVED FURTHER, that any bond, undertaking, recognizance, or suretyship obligation shall be valid and binding upon the Company
(i) when signed by the president, any vice president or assistant vice president, and attested and sealed (if a seal be required) by any secretary or assistant secretary; or
(ii) when signed by the president, any vice president or assistant vice president, secretary or assistant secretary, and countersigned andsealed (if a seal be required) by a duly authorized attorney-in-fact or agent; or
(iii) when duly executed and sealed (if a seal be required) by one or more attorneys-in-fact or agents pursuant to and within the limits ofthe authority evidenced by the Power of Attorney issued by the company to such person or persons.

RESOLVED FURTHER, that the signature of any authorized officer and the seal of the company may be affixed by facsimile to any Power of Attorney or certification there of authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the company; and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, OLD REPUBLIC SURETY COMPANY has caused these presents to be signed by its proper officer, and its corporate seal to be affixed this 11TH day of JANUARY, 2024.

Karen J. Haffner
Assistant Secretary

OLD REPUBLIC SURETY COMPANY

Alan Pavlic
President

STATE OF WISCONSIN, COUNTY OF WAUKESHA-SS

On this 11TH day of JANUARY, 2024, personally came before me, Alan Pavlic and Karen J Haffner, to me known to be the individuals and officers of the OLD REPUBLIC SURETY COMPANY who executed the above instrument, and they each acknowledged the execution of the same, and being by me duly sworn, did severally depose and say; that they are the said officers of the corporation aforesaid, and that the seal affixed to the above instrument is the seal of the corporation, and that said corporate seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority of the board of directors of said corporation.

Kathryn R. Pearson
Notary Public

My commission expires: 9/28/2026

(Expiration of notary commission does not invalidate this instrument)

CERTIFICATE

I, the undersigned, assistant secretary of the OLD REPUBLIC SURETY COMPANY, a Wisconsin corporation, CERTIFY that the foregoing and attached Power of Attorney remains in full force and has not been revoked; and furthermore, that the Resolutions of the board of directors set forth in the Power of Attorney, are now in force.

63-1338

Signed and sealed at the City of Brookfield, WI this 3rd day of June 2024.

Karen J. Haffner
Assistant Secretary

ROBERTSON RYAN & ASSOCIATES

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 Boulevard, Crest Hill, Illinois 60403, until 10:00 A.M. on April 25, 2024.

CIRCLE STREET AND GREEN STREET 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 25, 2024. 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 examined without charge at the office of V3 Companies, 7325 Janes Ave, Woodridge, IL 60517, or by sending an email request to Jason Holy @ jholy@v3co.com

The Bid Documents, including plans and specifications may be obtained from the 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. The bid documents will be issued until 5:00 P.M. on April 22, 2024

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

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

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

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

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

City of Crest Hill Engineer
Department

INSTRUCTIONS TO BIDDERS

GENERAL

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

CIRCLE STREET AND GREEN STREET 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 and storm sewer installation, pavement restoration and finishing.

DOCUMENTS OBTAINED FROM OTHER SOURCES

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

PROPOSALS

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

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

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

No proposals will be accepted unless the bidder submitting it furnishes evidence satisfactory to the City of Crest Hill of his experience and familiarity with work of the character specified and of the legal status of the bidder, that is, as a corporation, partnership, or an individual which must be stated in the proposal. A corporation bidder must name the state in which its articles of incorporation are held. A partnership proposer must give the full name and address of all partners. When a firm

submits a proposal, the individual names of all its members shall be written and shall be signed in full but the signers may, if they choose, describe themselves, in addition as doing business under a firm name and style.

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

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

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

SOURCE AND NATURE OF FUNDS AVAILABLE

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

MATERIAL GUARANTEE

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

CONSIDERATION OF PROPOSALS/PROPOSAL

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

BASIS OF AWARD

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

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

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

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

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

PERFORMANCE AND PAYMENT BOND

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

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

All bonds must be from companies having of at least A-minus and of a class size of at least X as determined by A.M. Best Rating. The cost of acquiring these bonds shall be incidental to the construction contract.

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.

The cost of acquiring this bond shall be incidental to the construction contract.

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% will be withheld.

SUBCONTRACTORS

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

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

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

Failure to identify subcontractors could result in disqualification.

SERVICEMEN'S EMPLOYEES TENURE ACT

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

CHILD LABOR LAW

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

DRUG FREE WORK PLACE

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

SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECT ACT

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

PREVAILING WAGE RATES

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

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

NUMBER OF COPIES OF CONTRACT

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

FAILURE TO EXECUTE CONTRACT

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

ESTIMATE OF QUANTITIES

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

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

INSURANCE

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

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

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

CHANGE IN STATUS

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

INVOICES, PAYMENTS, AND QUANTITIES

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

Invoices shall be delivered to:

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

AUDIT/ACCESS TO RECORDS

A. The Contractor shall maintain books, records, documents and other evidence directly pertinent to performance of the work under this agreement consistent with generally accepted accounting standards in accordance with the American Institute of Certified Public Accountants Professional Standards. The Contractor shall also maintain the financial information and data used by the contractor in the preparation or support of any cost submissions required under this subsection, (Negotiation, of Contract Amendments, Change Orders) and a copy of the cost summary submitted to the Municipality. The Municipality or any of its duly authorized representatives shall have access to the books, records, documents, and other evidence for purposes of inspection, audit, and copying. The Contractor will provide facilities for such access and inspection.

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

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

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

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

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

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

COOPERATION WITH FOIA COMPLIANCE

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

LICENSE

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

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 Boulevard, Crest Hill, Illinois 60403, until 10:00 A.M. on April 25, 2024.

CIRCLE STREET AND GREEN STREET 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 25, 2024. 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 examined without charge at the office of V3 Companies, 7325 Janes Ave, Woodridge, IL 60517, or by sending an email request to Jason Holy @ jholy@v3co.com

The Bid Documents, including plans and specifications may be obtained from the 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. The bid documents will be issued until 5:00 P.M. on April 22, 2024

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

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

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

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

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

City of Crest Hill Engineer
Department

INSTRUCTIONS TO BIDDERS

GENERAL

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

CIRCLE STREET AND GREEN STREET 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 and storm sewer installation, pavement restoration and finishing.

DOCUMENTS OBTAINED FROM OTHER SOURCES

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PROPOSALS

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

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

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

No proposals will be accepted unless the bidder submitting it furnishes evidence satisfactory to the City of Crest Hill of his experience and familiarity with work of the character specified and of the legal status of the bidder, that is, as a corporation, partnership, or an individual which must be stated in the proposal. A corporation bidder must name the state in which its articles of incorporation are held. A partnership proposer must give the full name and address of all partners. When a firm

submits a proposal, the individual names of all its members shall be written and shall be signed in full but the signers may, if they choose, describe themselves, in addition as doing business under a firm name and style.

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

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

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

SOURCE AND NATURE OF FUNDS AVAILABLE

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

MATERIAL GUARANTEE

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

CONSIDERATION OF PROPOSALS/PROPOSAL

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

BASIS OF AWARD

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

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

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

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

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

PERFORMANCE AND PAYMENT BOND

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

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

All bonds must be from companies having of at least A-minus and of a class size of at least X as determined by A.M. Best Rating. The cost of acquiring these bonds shall be incidental to the construction contract.

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.

The cost of acquiring this bond shall be incidental to the construction contract.

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% will be withheld.

SUBCONTRACTORS

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

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

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

Failure to identify subcontractors could result in disqualification.

SERVICEMEN'S EMPLOYEES TENURE ACT

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

CHILD LABOR LAW

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

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

SUBSTANCE ABUSE PREVENTION ON PUBLIC WORKS PROJECT ACT

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

PREVAILING WAGE RATES

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

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

NUMBER OF COPIES OF CONTRACT

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

FAILURE TO EXECUTE CONTRACT

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

ESTIMATE OF QUANTITIES

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

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

INSURANCE

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

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

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

CHANGE IN STATUS

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

INVOICES, PAYMENTS, AND QUANTITIES

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

Invoices shall be delivered to:

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

AUDIT/ACCESS TO RECORDS

A. The Contractor shall maintain books, records, documents and other evidence directly pertinent to performance of the work under this agreement consistent with generally accepted accounting standards in accordance with the American Institute of Certified Public Accountants Professional Standards. The Contractor shall also maintain the financial information and data used by the contractor in the preparation or support of any cost submissions required under this subsection, (Negotiation, of Contract Amendments, Change Orders) and a copy of the cost summary submitted to the Municipality. The Municipality or any of its duly authorized representatives shall have access to the books, records, documents, and other evidence for purposes of inspection, audit, and copying. The Contractor will provide facilities for such access and inspection.

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

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

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

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

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

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

COOPERATION WITH FOIA COMPLIANCE

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

LICENSE

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

Illinois Department of Transportation

Local Public Agency
Formal Contract Proposal

E-mail | Reset Form

COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address | City | State | Zip Code

STATE OF ILLINOIS

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

Route(s) (Street/Road Name): Circle Street, Green Street | Type of Funds: Local

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

Submitted/Approved
For Local Public Agency:

For a County and Road District Project

Submitted/Approved
Highway Commissioner Signature & Date

Submitted/Approved
County Engineer/Superintendent of Highways Signature & Date

For a Municipal Project

Submitted/Approved/Passed
Signature & Date

Official Title

Department of Transportation

Released for bid based on limited review
Regional Engineer Signature & Date

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Crest Hill	Will	N/A	Circle Street, Green Street

NOTICE TO BIDDERS

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

20600 City Center Boulevard, Crest Hill, IL 60403 until 10:00 AM on 04/25/24 .
Address Time Date

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

viewing https://www.cityofcresthill.com/ at 10:00 AM on 04/25/24 .
Address Time Date

DESCRIPTION OF WORK

Location	Project Length
Circle & Green St- Caton Farm Rd to Grandview Ave; Sweetbriar Ave - Root St to Green St	

Proposed Improvement

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

1. Plans and proposal forms will be available in the office of

Contact Jason Holy at jholy@v3co.com or by calling 630-254-1522 and requesting a digital set.

2. ☑ Prequalification

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

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

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

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

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

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

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

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Crest Hill	Will	N/A	Circle Street, Green Street

PROPOSAL

1. Proposal of _____
Contractor's Name

_____.
Contractor's Address

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

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

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

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

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

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

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

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

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

The amount of the check is _____ (_____).

Attach Cashier's Check or Certified Check Here

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

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

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
City of Crest Hill	Will	N/A	Circle Street, Green Street

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	Circle Street, Green Street

SIGNATURES

(If an individual)

Bidder Signature & Date

Business Address

City | State | Zip Code

(If a partnership)

Firm Name

Signature & Date

Title

Business Address

City | State | Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name

Signature & Date

Title

Business Address

City | State | Zip Code

Insert Names of Officers

President

Secretary

Treasurer

Attest:

Secretary

Illinois Department of Transportation

Local Public Agency Proposal Bid Bond

E-mail | Reset Form

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

WE, _____ as PRINCIPAL, and

_____ as SURETY, are held jointly, severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 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 Signature & Date
	By:

STATE OF IL

COUNTY OF

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

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

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

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

Notary Public Signature & Date

(SEAL, if required by the LPA)

Date commission expires _____

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

ELECTRONIC BID BOND

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

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

Electronic Bid Bond ID Code

Company/Bidder Name

Signature & Date

Title

CREST HILL WATERMAIN IMPROVEMENTS
City of Crest Hill, Illinois
Will County

Bid Tab

Return With Bid

SP	PAY ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL COST
	20101200	TREE ROOT PRUNING	EACH	14		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	CU YD	526		
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1,577		
	28000510	INLET FILTERS	EACH	35		
*	30103000	SHAPING AND GRADING ROADWAY	SQ YD	1,858		
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	526		
	35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQ YD	1,188		
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6,851		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,276		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	142		
	40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	364		
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	338		
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	663		
*	44000100	PAVEMENT REMOVAL	SQ YD	3,047		
	44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	4,691		
	44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	1,188		
*	50100100	STRUCTURES TO BE REMOVED	EACH	3		
*	56103000	DUCTILE IRON WATER MAIN, 6"	FOOT	142		
*	56103100	DUCTILE IRON WATER MAIN, 8"	FOOT	2,048		
*	56105000	WATER VALVES, 8"	EACH	13		
*	56400500	FIRE HYDRANT TO BE REMOVED	EACH	6		
*	56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	8		
*	56500800	DOMESTIC WATER SERVICE BOX	EACH	32		
*	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2		
*	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	5		
	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		
*	60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	13		
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	40		
	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	108		
*	550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	481		
*	550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2, 18"	FOOT	149		
*	550A2570	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 27"	FOOT	35		
*	X0324878	SANITARY SEWER SERVICE ADJUSTMENT	FOOT	125		
*	X0327301	RELOCATE EXISTING MAILBOX	EACH	5		
*	X1200221	CONNECTION TO EXISTING WATER MAIN (NON-PRESSURE)	EACH	8		
*	X2080250	TRENCH BACKFILL, SPECIAL	CU YD	3,050		
*	X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	800		
*	X3580300	AGGREGATE BASE REPAIR (SPECIAL)	TON	186		
*	X5610656	WATER MAIN TO BE ABANDONED, 6"	FOOT	1,879		
*	X5610706	WATER MAIN REMOVAL, 6"	FOOT	174		
*	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	8		
*	X6026632	VALVE BOXES TO BE REMOVED	EACH	5		
*	X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	L SUM	1		
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	2		
*	Z0018400	STORM STRUCTURES TO BE ADJUSTED	EACH	15		
*		PARKWAY RESTORATION - SODDING	SQ YD	1,327		
*		PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT	SQ YD	734		
*		COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT (SPECIAL)	FOOT	1,521		
*		INSERTION VALVES, 8"	EACH	2		
*		WATER SERVICE LINE, 1" (SHORT)	EACH	18		
*		WATER SERVICE LINE, 1" (LONG)	EACH	14		
*		CASH ALLOWANCE	UNITS	50,000	1	$ 50,000.00
*		SUMP LINE	FOOT	100		
*		TEMPORARY ACCESS	EACH	9		
*		FRAME AND LID TO BE ADJUSTED (SPECIAL)	EACH	2		
*		WATER MAIN CASING SLEEVE	FOOT	40		
				TOTAL CONSTRUCTION COST		**$ 50,000.00**

Illinois Department of Transportation

Affidavit of Availability

For the Letting
of

Print Form | 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

Subcontractor Form

Contractor Name	Conractor Contact Information	Work Performed

Prime Contractor: _____

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GENERAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2022; the latest editions of the “Supplemental Specifications and Interim Special Provisions” and the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways"; the “Manual of Test Procedures for Materials” in effect on the date of the invitation for bids. The 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.

AVAILABILITY OF CONTRACT DOCUMENTS

The Bid Documents, including plans and specifications may be obtained by prequalified CONTRACTORS from V3 Companies. by emailing Jason Holy at jholy@v3co.com or calling 630-729-6184 and requesting a digital set. The Bid Documents will only be transmitted electronically. The bid documents will be issued until 5:00 PM on January 6, 2023.

LIMITATIONS OF OPERATIONS

The CONTRACTOR shall conduct the work on this project in such a manner and in such sequence as will assure the least interference with traffic and disruption to residents. Construction activities shall be restricted to the following staging:

- Stage 1 – Circle Street install watermain, drainage, curb & gutter and HMA pavement to binder
- Stage 2 – Green Street and Sweetbriar Avenue install watermain, drainage, curb & gutter and HMA pavement to binder
- Stage 3 - Final landscaping and final HMA surface course install

The water main shall be tested and put into service before the final HMA surface is to be installed

The CITY reserves the right to require the CONTRACTOR to complete sufficient work in a section of the project that will result in the restoration of daily traffic and permit accessibility to private driveway entrances before work is started on any additional sections of the project.

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 CHANEY AVE AND CENTER ST 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 630-573-5643	Phone	N/A
Comcast	Ted Wyman	688 Industrial Drive Elmhurst, IL 60126 847-652-6074	Cable	N/A
ComEd	Rick Oster	2 Lincoln Center Oakbrook Terrace, IL 60181 779-231-3174	Electric	N/A
Nicor	Micheal Ann Beyke	1844 Ferry Road Naperville, IL 60563 630-388-2761	Gas	Contact when working in close proximity to Nicor utilities. Reference #SC23351
City of Crest Hill	Ron Wiedeman	1610 Plainfield Road Crest Hill, IL 60403 815-741-5122 Rwiedeman@cityofcresthill.com	Water and Sanitary Sewer	N/A

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.

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 contract work by October 25th, 2024. 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.

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 <u>Leakage Test</u>. 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 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.

<u>DISINFECTION OF WATER MAINS</u>

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 <u>DISINFECTION OF WATER MAINS</u>. 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 <u>FLUSHING.</u> 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 <u>REQUIREMENT OF CHLORINE.</u> 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 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 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 END CONNECTIONS. Revise the Article to read as follows:

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

42-10 INSTALLATION OF GATE VALVES. Add the following to the Article:

All gate valves are to be installed in concrete valve vaults as detailed in the plans. The valves shall be wrapped with polyethylene film, as specified in the Special Provision for "DUCTILE IRON WATER MAIN", included elsewhere herein. A one-inch (1") corporation stop shall be installed in the water main on each side of the valve within the vault to allow for testing, chlorinating, and sampling work to be done.

Basis of Payment: This work will be paid for at the contract unit price each for WATER VALVES, of the diameter specified. This price shall include the cost of all labor, materials, and equipment necessary to install the gate valve in a valve vault, including polyethylene wrapping and corporation stops as detailed in the plans and to the satisfaction of the ENGINEER. This shall not include the price of the valve vault which shall be paid for separately.

FIRE HYDRANT TO BE REMOVED

Description. This work shall consist of the removal of existing fire hydrants, including auxiliary valves, and plugging and blocking of abandoned water main as indicated on the plans or required by the ENGINEER. The existing fire hydrants are not to be removed until after the new fire hydrants have been installed and satisfactorily tested. The fire hydrants and auxiliary valves to be removed shall become the property of the CITY and shall be delivered to the Public Works Facility. The CONTRACTOR is to bag any existing or new fire hydrants that are not in use.

Measurement and Payment. This work will be paid for at the contract unit price each for FIRE HYDRANT TO BE REMOVED, which price shall be payment in full for all labor, equipment, and material necessary to complete the work as specified herein.

FIRE HYDRANT WITH AUXILIARY VALVE & VALVE BOX

Description: This work shall consist of furnishing new fire hydrants of the type and size specified herein below at the locations indicated on the plans or otherwise directed by the ENGINEEER as detailed in the plans.

Materials: Hydrants shall be of the compression or gate type conforming to the latest specifications of the American Water Works Association, C502, and shall be of a make that has been adopted by the CITY as standard. Hydrants shall be designed for a 150-pound working pressure. Hydrants shall be finished with two (2), two & one-half inch (2-1/2") hose nozzles, and one (1) four & one-half inch (4-1/2") steamer connection pumper nozzle. Threads on nozzles and caps shall be national standard thread and shall conform to the standard adopted by the CITY. Hydrants shall open by turning to the left or counter-clockwise and shall be so marked. All new fire hydrants furnished under this contract shall be 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.

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 or curb and gutter and rings 2" or less 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 for STORM STRUCTURES TO BE ADJUSTED, which price shall include all material, labor, and equipment necessary to perform this work.

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 BASE REPAIR (SPECIAL)

Description: This work shall be done in accordance with Section 358 of the STANDARD SPECIFICATIONS except as modified herein.

358.01 Description. Revise this Article to read:

"358.01 Description. This work shall consist of the addition of aggregate as a top-dressing material to an existing aggregate base course, where it is necessary to bring the base to the proposed base elevation, on those streets where the entire HMA pavement is to be removed and replaced."

Materials: 358.02 Materials. Revise this Article to read:

"358.02 Materials. The aggregate materials shall be crushed stone or crushed gravel and have a gradation equal to CA-6 conforming to Section 1004 of the STANDARD SPECIFICATIONS, except that the material shall be crushed stone or crushed gravel."

358.04 Aggregate Bases. Delete the reference to Article 358.04 (b).

358.04 Aggregate Bases. Add the following sentence to the first paragraph of Article 358.04 (b):

"Fine aggregate screenings shall be used if required for surface stability."

Method of Measurement: Revise Article 358.06 (b) to read:

"(b) Measured Quantities: The aggregate will be measured for payment in tons according to the requirements of Article 311.08 (b)"

Basis of Payment: This work will be paid for at the contract unit price per ton for AGGREGATE BASE REPAIR (SPECIAL). Aggregate base must consist of virgin aggregate only. No recycled asphalt or concrete material will be allowed under new pavement. Base or subgrade repairs, as referenced in Article 358.04 (a) will be paid for in accordance with the special provision at the contract unit price per cubic yard for REMOVAL & DISPOSAL OF UNSUITABLE MATERIALS and AGGREGATE SUBGRADE IMPOVEMENT (SPECIAL).

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).

SHAPING AND GRADING ROADWAY

Description: This work shall consist of shaping and grading of the roadway subgrade in accordance with Section 301 of the STANDARD SPECIFICATIONS except as modified herein.

Construction Requirements: This item shall include up to 2" of aggregate for shaping and grading of the roadway subgrade. Additional aggregate needed for profile adjustments will be paid for in accordance with the special provision for AGGREGATE BASE REPAIR (SPECIAL).

Materials must consist of virgin aggregate only. No recycled asphalt or concrete material will be allowed under new pavement

Method of Measurement and Basis of Payment: This work shall be paid for at the contract unit price per square yard for SHAPING AND GRADING ROADWAY.

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 City's maintenance personnel for date, time and duration of shut-off. The City 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 City.

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 PIPE

Description. This work shall consist of installing a C-900 PVC watermain quality pipe a minimum of ten feet on either side of the conflicting pipe as shown in the plan details. The casing pipe shall be 16” for an 8” DIP watermain pipe.

The end of the casing pipe shall be covered with an end seal to provide a barrier to backfill material and seepage. A “Wraparound” casing pipe end seal shall include butyl mastic strips to seal the edges, and is designed to facilitate installation when the carrier pipe has already been joined together and the installation is complete. A “Pull-on” casing pipe end seal shall be seamless, have vulcanized edges, and can be pulled on at the time of construction. end seal shall be manufactured of a minimum 1/8” thick neoprene or synthetic rubber, assuring excellent chemical resistance and resiliency and shall be specifically designed to conform to concentric carrier/casing configuration and to permit movement of the carrier pipe without damage to the seal from backfilling.

Factory manufactured stainless steel or polyethylene casing pipe spacers shall be installed on all carrier pipes passing through a casing pipe to prevent the carrier pipe bell from touching the casing pipe and to maintain a uniform space between the carrier pipe

and casing interior. Hardwood skids shall NOT be used in place of manufactured casing spacers

Method of Measurement. The work will be measured for by the foot of sleeve installed.

Basis of Payment. This work shall be paid for at the contract unit price per foot for WATER MAIN CASING PIPE. The price shall include the 16" sleeve pipe, casing pipe spacer, end seal material, and all labor, materials, and equipment necessary to complete this work.

DOMESTIC WATER SERVICE BOX

Description: This work shall consist of furnishing new domestic water service boxes as specified herein. The specified locations on the plans are approximate and exact locations of the existing domestic water service boxes and water service lines are to be determined in the field at the expense of the CONTRACTOR. The water service box shall not be located within a driveway or sidewalk and shall be placed in a landscaped area.

Materials: All domestic water services boxes shall be the Tyler 6500 with BBAF service box stabilizer or approved equal. All curb stops shall be A.Y. McDonald 76104Q with "dog dish" concrete block.

Installation: The cast iron service box shall be installed over the curb stop and held in a truly vertical position until sufficient backfill has been placed to ensure permanent vertical alignment of the box. The top of the box shall be adjusted and set flush with the established ground surface grade.

Measurement and Payment. Furnishing and installing curb stops, curb boxes, removal of existing domestic water service box, and any couplings and service line required to connect the DOMESTIC WATER SERVICE BOX to the existing service shall be paid for at the contract unit price per each for DOMESTIC WATER SERVICE BOX. This price shall include all labor, equipment and materials necessary to perform the work as specified herein. There shall be no additional payment for water services located deeper than typically expected.

DOMESTIC WATER SERVICE BOX REMOVAL

This work shall consist of the removal of existing curb boxes and curb stops at the locations exemplified on the plans. As previously mentioned, the specified locations on the plans are approximate and exact locations of the existing domestic water service boxes and water service lines are to be determined in the field at the expense of the CONTRACTOR. The material shall be removed and disposed of by the CONTRACTOR.

The existing water service line which is connected to an existing water main designated to be abandoned may be removed or abandoned in place. The removed water service lines shall become the property of the CONTRACTOR.

This work shall not be paid for separately but shall be included in the cost of the installation of the DOMESTIC WATER SERVICE BOX pay item. This shall be payment in full for all labor, equipment, and material to complete the work as specified herein.

DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT

Description: This work shall consist of the complete removal of existing driveway pavement and sufficient excavation to achieve proposed driveway pavement typical sections and the replacement of PORTLAND CEMENT CONCRETE (HI-EARLY) driveway pavement in part or in their entirety at locations shown on the plans or as directed by the ENGINEER. This work shall be performed in accordance with applicable provisions of Sections 301, 351, 406, and 423 of the STANDARD SPECIFICATIONS and the details shown on the plans and as directed by the ENGINEER.

Construction Requirements: The CONTRACTOR shall place and compact embankment, or excavate, in accordance with Sections 202 and 205 of the STANDARD SPECIFICATIONS in order to achieve the finished grades shown on the plans.

The proposed driveway pavement typical section shall consist of the following:

A. PORTLAND CEMENT CONCRETE (HI-EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT:
    a. 6” of Portland Cement Concrete (High Early)
    b. 6”x6” wire mesh reinforcement centered throughout the entire driveway
    c. 4” of Aggregate Base Course, Type B

All Aggregate Base Course, reinforcement, and (High Early) Portland Cement Concrete will not be paid for separately, but shall be included in the pay item DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT.

The CONTRACTOR shall stage driveway installation to maintain ingress and egress of abutting entrances at all times during construction operations.

Method of Measurement and Basis of Payment: This work will be measured and paid for at the contract unit price per square yard for PORTLAND CEMENT CONCRETE (HIGH EARLY) DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT, which price shall be payment in full for constructing this item as specified, including all aggregate base materials, reinforcement, surface course materials, labor, and equipment.

INSERTION VALVE, of the specified diameter

Description: This work shall consist of the furnishing and installation of a water valve onto existing water main under pressure at the locations depicted by the ENGINEER for the purpose of installation of a valve and/or other connection without interruption of service of the existing water distribution system. This item shall conform to the applicable portions of the Special Provision for WATER VALVES and applicable portions of Section 42 of the WATER AND SEWER SPECIFICATIONS except as modified herein.

Materials: The material furnished on this project shall be Advanced Valve Technologies, Inc.’s **EZ VALVE SYSTEM** product or an equal approved by the ENGINEER. The CONTRACTOR shall submit the proposed materials for the proposed work to the ENGINEER for review prior to any work.

Method of Measurement & Basis of Payment: This work shall be measured and paid for per EACH for INSERTION VALVE, of the specified diameter installed and which price shall include all necessary material, labor, tools, & equipment to perform the work as indicated in the special provision. This price shall also include all necessary excavation, shoring, and trench backfill.

PARKWAY RESTORATION - SODDING

Description: The purpose of this work is to restore the areas disturbed by construction and/or to provide proper drainage in the parkways.

This work shall be done in accordance with Sections 211 and 252 of the STANDARD SPECIFICATIONS and the details provided in the Plans, except where modified herein.

This work shall include restoring disturbed areas within the construction limits, removing excess backfill material, furnishing and placing topsoil in accordance with Section 211, compacting and grading to maintain positive slope, and sodding the areas in accordance with Section 252. CONTRACTOR shall take care to ensure proper placement and compaction as the CONTRACTOR will be responsible for the continued repair of any areas until they are satisfactory to the ENGINEER, at no additional cost.

211.04 Placing Topsoil and Compost. Add the following to the end of the Article:

"The topsoil shall be spread smooth, disked, and compacted to a uniform thickness of not less than 4 inches to allow for the sod placement to match the surrounding grade of the existing landscape."

252.03 Ground Preparation. Add the following to the end of the Article:

"The ENGINEER shall be notified a minimum of 24 hours prior to the furnishing and excavation of topsoil and the installation of the sod. Failure to provide the ENGINEER with said notice will give the CITY cause to void payment for the sod.

The removal of any excess backfill material or aforementioned unacceptable materials shall be included in the unit price for PARKWAY RESTORATION - SODDING.

Fertilizer nutrients shall be applied in accordance with Section 252.03 of the STANDARD SPECIFICATIONS and shall be included in the pay item for PARKWAY RESTORATION - SODDING."

252.06 Placing Sod. Add the following to the end of the Article:

"The CONTRACTOR shall provide subsequent resodding until a satisfactory growth of grass is produced, if settlement occurs, or if there are significant variations in grade as determined by the ENGINEER."

Basis of Payment: This work shall be paid for at the contract unit price per square yard for PARKWAY RESTORATION - SODDING which price shall include all material, equipment, and labor necessary to excavate, furnish, compact, and fertilize a minimum of four inches (4") of topsoil, to place sod, to stake sod *at the direction of the ENGINEER,* and to maintain sod until satisfactory growth is achieved.

PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL & REPLACEMENT (SPECIAL)

Description: This work shall consist of removing the Portland Cement Concrete Sidewalk and replacing it on a compacted subbase and shall be performed in accordance with Sections 311 and 424 of the STANDARD SPECIFICATIONS except as modified herein.

Construction Requirements: Areas to receive new sidewalk shall be excavated to the plan depth and prepared according to the specifications.

311.05 Placing and Compacting Subbase Materials (b). Add the following to the Article:

"All sidewalks shall be poured on a minimum of four (4) inches of this granular material type.

424.06 Placing and Finishing. Add the following to the Article:

"Thickness. Sidewalks shall maintain a minimum thickness of five (5) inches unless crossing through a driveway where the minimum thickness shall increase to six (6) inches.

Sidewalks shall be constructed of High-Early strength Portland Cement Concrete when crossing through a driveway.

Reinforcement. Sidewalks shall be doweled with 2 #4 Reinforcement Bars on both ends of the installation segment when installed adjacent to existing sidewalk. Sidewalk spanning a trench shall have 2 continuous #4 Reinforcement Bars installed to a minimum of 10' on each side of the trench.

Sidewalk ramps and depressed curbs for the handicapped shall be installed at all intersecting streets, driveways, crosswalks, and bicycle paths as directed by the ENGINEER in accordance with City of Crest Hill standards for SIDEWALK, RESIDENTIAL DRIVEWAY, PERPENDICULAR CURB RAMPS FOR SIDEWALKS, DIAGONAL CURB RAMPS FOR SIDEWALKS, DEPRESSED CORNER FOR SIDEWALKS, and ENTRANCE/ALLEY PEDESTRIAN CROSSINGS as shown in the plans.

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.

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 structures and furnishing and installing a new type 1 frame, closed lid within the roadway that is being milled and resurfaced. As well as the adjustment of water main valve boxes 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. 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 we replace 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

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.

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.

RELOCATE EXISTNG MAILBOX

Description. This work shall consist of the removal and reinstallation of all mailboxes within the limits of construction which interfere with construction operations.

The Contractor shall erect the removed mailboxes at temporary locations.

As soon as construction operations permit, the Contractor shall set the mailboxes at their permanent locations. This work shall be performed as directed by the Engineer.

The Contractor shall replace, at no additional cost to the Owner, any mailbox or post which has been damaged by the Contractor's operations at their own expense and to the satisfaction of the Engineer.

Method of Measurement. This item will be measured for payment per each mailbox removed, temporarily erected and reinstalled.

Basis of Payment. This work will be paid for at the contract unit price per each for **RELOCATE EXISTING MAILBOX** and shall include -all labor, equipment, and materials necessary to complete the work as specified herein and as directed by the Engineer.

HOT-MIX ASPHALT BINDER AND SURFACE COURSE (D1)

Effective: November 1, 2019

Revised: December 1, 2021

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 the fine aggregates and mineral filler to meet the approved mix design and the mix requirements noted herein.

3/ The specified coarse aggregate gradations may be blended.

4/ CA 13 shall be 100 percent passing the 1/2 in. (12.5mm) sieve."

Revise Article 1004.03(e) of the Supplemental Specifications to read:

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

≤ 2.0 percent."

Revise the "High ESAL" portion of the table in Article 1030.01 to read:

"High ESAL	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, Stabilized Subbase IL-19.0
	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5"

Revise Note 2. and add Note 6 to Article 1030.02 of the Standard Specifications to read:

"Item Article/Section

(g)Performance Graded Asphalt Binder (Note 6) 1032

(h) Fibers (Note 2)

Note 2. A stabilizing additive such as cellulose or mineral fiber shall be added to the SMA mixture according to Illinois Modified AASHTO M 325. The stabilizing additive shall meet the Fiber Quality Requirements listed in Illinois Modified AASHTO M 325. Prior to approval and use of fibers, the Contractor shall submit a notarized certification by the producer of these materials stating they meet these requirements. Reclaimed Asphalt Shingles (RAS) may be used in Stone Matrix Asphalt (SMA) mixtures designed with an SBA polymer modifier as a fiber additive if the mix design with RAS included meets AASHTO T305 requirements. The RAS shall be from a certified source that produces either Type I or Type 2. Material shall meet requirements noted herein and the actual dosage rate will be determined by the Engineer.

Note 6. The asphalt binder shall be an SBS PG 76-28 when the SMA is used on a full-depth asphalt pavement and SBS PG 76-22 when used as an overlay, except where modified herein. The asphalt binder shall be a SBS PG 76-22 for IL-4.75, except where modified herein.."

Revise table in Article 1030.05(a) of the Standard Specifications to read:

"MIXTURE COMPOSITION (% PASSING) [1/]												
Sieve Size	IL-19.0 mm		SMA 12.5		SMA 9.5		IL-9.5mm		IL-9.5FG		IL-4.75 mm	
	min	max	min	max	min	max	min	max	min	max	min	max
1 1/2 in (37.5 mm)												
1 in. (25 mm)		100										
3/4 in. (19 mm)	90	100		100								
1/2 in. (12.5 mm)	75	89	80	100		100		100		100		100
3/8 in. (9.5 mm)				65	90	100	90	100	90	100		100
#4 (4.75 mm)	40	60	20	30	36	50	34	69	60	75[6/]	90	100
#8 (2.36 mm)	20	42	16	24 [4/]	16	32[4/]	34 [5/]	52 [2/]	45	60[6/]	70	90
#16 (1.18 mm)	15	30					10	32	25	40	50	65
#30 (600 μm)			12	16	12	18			15	30		
#50 (300 μm)	6	15					4	15	8	15	15	30
#100 (150 μm)	4	9					3	10	6	10	10	18
#200 (75 μm)	3.0	6.0	7.0	9.0 [3/]	7.5	9.5 [3/]	4.0	6.0	4.0	6.5	7.0	9.0 [3/]
#635 (20 μm)			≤ 3.0		≤ 3.0							
Ratio Dust/Asphalt Binder		1.0		1.5		1.5		1.0		1.0		1.0

1/ Based on percent of total aggregate weight.

2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.
3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.
4/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above the percentage stated on the table.

5/ When establishing the Adjusted Job Mix Formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted below 34 percent.
6/ When the mixture is used as a binder, the maximum shall be increased by 0.5 percent passing."

Revise Article 1030.05(b) of the Standard Specifications to read:

(b) Volumetric Requirements. The target value for the air voids of the HMA shall be 4.0 percent, for IL-4.75 and SMA mixtures it shall be 3.5 percent and for Stabilized Subbase it shall be 3.0 percent at the design number of gyrations. The voids in the mineral aggregate (VMA) and voids filled with asphalt binder (VFA) of the HMA design shall be based on the nominal maximum size of the aggregate in the mix and shall conform to the following requirements.

	Voids in the Mineral Aggregate (VMA), % Minimum for Ndesign				
Mix Design	30	50	70	80	90
IL-19.0		13.5	13.5		13.5
IL-9.5		15.0	15.0		
IL-9.5FG		15.0	15.0		
IL-4.75[1/]		18.5			
SMA-12.5[1/2/5/]				17.0[3/]/16.0[4/]	
SMA-9.5[1/2/5/]				17.0[3/]/16.0[4/]	
IL-19.0L	13.5				
IL-9.5L	15.0				

1/ Maximum draindown shall be 0.3 percent according to Illinois Modified AASHTO T 305.

2/ The draindown shall be determined at the JMF asphalt binder content at the mixing temperature plus 30°F.

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

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

5/ For surface course, the coarse aggregate can be crushed steel slag, crystalline crushed stone or crushed sandstone. For binder course, coarse aggregate shall be crushed stone (dolomite), crushed gravel, crystalline crushed stone, or crushed sandstone"

Revise the last paragraph of Article 1102.01 (a) (5) of the Standard Specifications to read:

"IL-4.75 and Stone Matrix Asphalt (SMA) mixtures which contain aggregate having absorptions greater than or equal to 2.0 percent, or which contain steal slag sand, shall have minimum surge bin storage plus haul time of 1.5 hours."

Add after third sentence of Article 1030.09(b) to read:

" If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure."

Revise Table 1 and Note 4/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

	Breakdown/Intermediate Roller (one of the following)	Final Roller (one or more of the following)	Density Requirement
IL-9.5, IL-9.5FG, IL-19.0 1/	V_D, P , T_B, 3W, O_T, O_B	V_S, T_B, T_F, O_T	As specified in Section 1030
IL-4.75 and SMA 3/ 4/	T_B, 3W, O_T	T_F, 3W	As specified in Section 1030
Mixtures on Bridge Decks 2/	T_B	T_F	As specified in Articles 582.05 and 582.06.

"4/ The Contractor shall provide a minimum of two steel-wheeled tandem rollers (T_B), and/or three-wheel (3W) rollers for breakdown, except one of the (T_B) or (3W) rollers shall be 84 inches (2.14 m) wide and a weight of 315 pound per linear inch (PLI) (5.63 kg/mm) and one of the (T_B) or (3W) rollers can be substituted for an oscillatory roller (O_T). T_F rollers shall be a minimum of 280 lb/in. (50 N/mm). The 3W and T_B rollers shall be operated at a uniform speed not to exceed 3 mph (5 km/h), with the drive roll for T_B rollers nearest the paver and maintain an effective rolling distance of not more than 150 ft (45 m) behind the paver."

Add the following after the fourth paragraph of Article 406.13 (b):

"The plan quantities of SMA mixtures shall be adjusted using the actual approved binder and surface Mix Design's G_{mb}."

Revise first paragraph of Article 1030.10 of the Standard Specifications to read:

"A test strip of 300 ton (275 metric tons), except for SMA mixtures it will be 400 ton (363 metric ton), will be required for each mixture on each contract at the beginning of HMA production for each construction year according to the Manual of Test Procedures for Materials "Hot Mix Asphalt Test Strip Procedures". At the request of the Producer, the Engineer may waive the test strip if previous construction during the current construction year has demonstrated the constructability of the mix using Department test results."

Revise third paragraph of Article 1030.10 of the Standard Specifications to read:

"When a test strip is constructed, the Contractor shall collect and split the mixture according to the document "Hot-Mix Asphalt Test Strip Procedures". The Engineer, or a representative, shall deliver split sample to the District Laboratory for verification testing. The Contractor shall complete mixture tests stated in Article 1030.09(a). Mixture sampled shall include enough material for the Department to conduct mixture tests detailed in Article 1030.09(a) and in the document "Hot-Mix Asphalt Mixture Design Verification Procedure" Section 3.3. The mixture test results shall meet the requirements of Articles 1030.05(b) and 1030.05(d), except Hamburg wheel tests will only be conducted on High ESAL mixtures during production."

FRICTION AGGREGATE (D1)

Effective: January 1, 2011

Revised: December 1, 2021

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

Use	Mixture	Aggregates Allowed
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/]
HMA High ESAL Low ESAL	C Surface and Binder IL-9.5 IL-9.5FG or IL-9.5L	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/]

<table>
<tr><th>Use</th><th>Mixture</th><th colspan="2">Aggregates Allowed</th></tr>
<tr><td rowspan="5">HMA
High ESAL</td><td rowspan="5">D Surface and Binder
IL-9.5
or IL-9.5FG</td><td colspan="2"><u>Allowed Alone or in Combination</u> [5/]:
Crushed Gravel
Carbonate Crushed Stone (other than Limestone)[2/]
Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag[4/]</td></tr>
<tr><td colspan="2"><u>Other Combinations Allowed:</u></td></tr>
<tr><td>Up to...</td><td>With...</td></tr>
<tr><td>25% Limestone</td><td>Dolomite</td></tr>
<tr><td>50% Limestone</td><td>Any Mixture D aggregate other than Dolomite</td></tr>
<tr><td>HMA
High ESAL</td><td>E Surface
IL-9.5

SMA
Ndesign 80
Surface</td><td colspan="2"><u>Allowed Alone or in Combination</u> [5/ 6/]:
Crushed Gravel
Crystalline Crushed Stone
Crushed Sandstone
Crushed Slag (ACBF)
Crushed Steel Slag

No Limestone.</td></tr>
</table>

Use	Mixture	Aggregates Allowed	
		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/]	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.	
		Other Combinations Allowed:	
		Up to...	*With...*
		50% Crushed Gravel[2/] 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.
3/ Crushed concrete will not be permitted in SMA mixes.
4/ Crushed steel slag shall not be used as 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."

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION FOR INSURANCE

Effective: February 1, 2007
Revised: August 1, 2007

All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

V3 Companies, Ltd

City of Crest Hill

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

Will County Prevailing Wage Rates posted on 3/19/2024

						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		48.90	49.90	1.5	1.5	2.0	2.0	17.37	15.91	0.00	0.91		0.00	0.00
ASBESTOS ABT-MEC	All	BLD		40.59	43.84	1.5	1.5	2.0	2.0	15.22	15.16	0.00	0.88		2.80	5.60
BOILERMAKER	All	BLD		54.71	59.63	2.0	2.0	2.0	2.0	6.97	25.06	0.00	2.83		0.00	0.00
BRICK MASON	All	BLD		50.81	55.89	1.5	1.5	2.0	2.0	12.50	23.01	0.00	1.16	0.00	0.00	0.00
CARPENTER	All	ALL		53.51	58.86	2.0	2.0	2.0	2.0	12.29	29.38	0.25	0.81		0.00	0.00
CEMENT MASON	All	ALL		46.25	48.25	2.0	1.5	2.0	2.0	12.39	31.82	0.00	0.80	0.00	0.00	0.00
CERAMIC TILE FINISHER	All	BLD		45.62	45.62	1.5	1.5	2.0	2.0	12.75	15.64	0.00	1.04	0.00	0.00	0.00
CERAMIC TILE LAYER	All	BLD		53.14	58.14	1.5	1.5	2.0	2.0	12.75	19.41	0.00	1.12	0.00	0.00	0.00
COMMUNICATION TECHNICIAN	All	BLD		43.00	47.30	1.5	1.5	2.0	2.0	16.89	16.10	0.00	0.75	2.37	0.00	0.00
ELECTRIC PWR EQMT OP	All	ALL		60.15	66.00	1.5	1.5	2.0	2.0	13.08	20.29	0.00	3.25	0.00	0.00	0.00
ELECTRIC PWR GRNDMAN	All	ALL		46.92	66.00	1.5	1.5	2.0	2.0	10.21	15.83	0.00	2.54	0.00	0.00	0.00
ELECTRIC PWR LINEMAN	All	ALL		60.15	66.00	1.5	1.5	2.0	2.0	13.08	20.29	0.00	3.25	0.00	0.00	0.00
ELECTRICIAN	All	BLD		52.00	56.68	1.5	1.5	2.0	2.0	17.34	21.56	0.00	1.35	4.76	0.00	0.00
ELEVATOR CONSTRUCTOR	All	BLD		65.12	73.26	2.0	2.0	2.0	2.0	16.08	20.56	5.20	0.70		0.00	0.00
GLAZIER	All	BLD		49.75	51.25	1.5	2.0	2.0	2.0	15.44	25.36	0.00	2.07	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		54.12	57.37	1.5	1.5	2.0	2.0	15.22	17.86	0.00	0.88		4.15	8.30
IRON WORKER	All	ALL		49.00	53.90	2.0	2.0	2.0	2.0	13.81	29.18	0.00	1.00	0.00	0.00	0.00
LABORER	All	ALL		48.90	49.65	1.5	1.5	2.0	2.0	17.37	15.91	0.00	0.91		0.00	0.00
LATHER	All	ALL		53.51	58.86	2.0	2.0	2.0	2.0	12.29	29.38	0.25	0.81		0.00	0.00
MACHINIST	All	BLD		55.74	59.74	1.5	1.5	2.0	2.0	9.93	8.95	1.85	1.47		0.00	0.00
MARBLE FINISHER	All	ALL		38.75	52.46	1.5	1.5	2.0	2.0	12.50	20.95	0.00	0.66	0.00	0.00	0.00
MARBLE SETTER	All	BLD		49.96	54.96	1.5	1.5	2.0	2.0	12.50	22.31	0.00	0.85	0.00	0.00	0.00
MATERIAL TESTER I	All	ALL		38.90		1.5	1.5	2.0	2.0	17.37	15.91	0.00	0.91		0.00	0.00
MATERIALS TESTER II	All	ALL		43.90		1.5	1.5	2.0	2.0	17.37	15.91	0.00	0.91		0.00	0.00
MILLWRIGHT	All	ALL		53.51	58.86	2.0	2.0	2.0	2.0	12.29	29.38	0.25	0.81		0.00	0.00
OPERATING ENGINEER	All	BLD	1	56.60	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00

Will County Prevailing Wage Rates posted on 3/19/2024

OPERATING ENGINEER	All	BLD	2	55.30	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	BLD	3	52.75	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	BLD	4	51.00	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	BLD	5	60.35	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	BLD	6	57.60	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	BLD	7	59.60	60.60	2.0	2.0	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	FLT	1	64.55	64.55	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	FLT	2	63.05	64.55	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	FLT	3	58.55	64.55	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	FLT	4	54.05	64.55	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	FLT	5	66.05	64.55	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	FLT	6	54.05	64.55	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	1	54.80	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	2	54.25	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	3	52.20	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	4	50.80	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	5	49.60	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	6	57.80	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
OPERATING ENGINEER	All	HWY	7	55.80	58.80	1.5	1.5	2.0	2.0	22.95	20.05	2.00	2.70		0.00	0.00
PAINTER	All	ALL		51.55	57.99	1.5	1.5	1.5	2.0	14.76	15.69	0.00	1.86	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		45.49	51.09	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		53.51	58.86	2.0	2.0	2.0	2.0	12.29	29.38	0.25	0.81		0.00	0.00
PIPEFITTER	All	BLD		55.00	58.00	1.5	1.5	2.0	2.0	12.65	22.85	0.00	3.12	0.00	0.00	0.00
PLASTERER	All	BLD		48.75	51.68	1.5	1.5	2.0	2.0	17.33	20.33	0.00	1.15	0.00	0.00	0.00
PLUMBER	All	BLD		56.80	60.20	1.5	1.5	2.0	2.0	17.00	17.29	0.00	1.73		0.00	0.00
ROOFER	All	BLD		49.25	54.25	1.5	1.5	2.0	2.0	11.83	16.14	0.00	1.11	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		54.25	56.96	1.5	1.5	2.0	2.0	13.60	19.43	0.00	1.59	2.62	0.00	0.00
SPRINKLER FITTER	All	BLD		56.60	59.35	1.5	1.5	2.0	2.0	14.45	18.80	0.00	0.75	0.00	0.00	0.00
STONE MASON	All	BLD		50.81	55.89	1.5	1.5	2.0	2.0	12.50	23.01	0.00	1.16	0.00	0.00	0.00
TERRAZZO FINISHER	All	BLD		46.94	46.94	1.5	1.5	2.0	2.0	12.75	17.73	0.00	1.07	0.00	0.00	0.00

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TERRAZZO MECHANIC	All	BLD		50.85	54.35	1.5	1.5	2.0	2.0	12.75	19.12	0.00	1.10	0.00	0.00	0.00
TRAFFIC SAFETY WORKER I	All	HWY		40.10	41.70	1.5	1.5	2.0	2.0	10.60	9.35	0.00	1.00	0.00	0.00	0.00
TRAFFIC SAFETY WORKER II	ALL	HWY		41.10	42.70	1.5	1.5	2.0	2.0	10.60	9.35	0.00	1.00	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	1	43.70	44.25	1.5	1.5	2.0	2.0	11.15	13.26	0.00	0.15	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	2	43.85	44.25	1.5	1.5	2.0	2.0	11.15	13.26	0.00	0.15	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	3	44.05	44.25	1.5	1.5	2.0	2.0	11.15	13.26	0.00	0.15	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	44.25	44.25	1.5	1.5	2.0	2.0	11.15	13.26	0.00	0.15	0.00	0.00	0.00
TUCKPOINTER	All	BLD		50.53	51.53	1.5	1.5	2.0	2.0	9.55	21.72	0.00	1.11	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 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.

Will County Prevailing Wage Rates posted on 3/19/2024

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.

Will County Prevailing Wage Rates posted on 3/19/2024

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.

Will County Prevailing Wage Rates posted on 3/19/2024

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

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".

Will County Prevailing Wage Rates posted on 3/19/2024

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 North Grand Avenue, East; Post Office Box 19276; Springfield, IL 62794-9276
Division of Public Water Supplies Telephone 217/782-1724

PUBLIC WATER SUPPLY CONSTRUCTION PERMIT

SUBJECT: CREST HILL (IL1970250)

Permit Issued to:
City of Crest Hill
1610 Plainfield Road
Crest Hill, Illinois 60403

PERMIT NUMBER: 0470-FY2024

DATE ISSUED: March 20, 2024
PERMIT TYPE: Water Main Extension

The issuance of this permit is based on plans and specifications prepared by the engineers/architects indicated, and are identified as follows. This permit is issued for the construction and/or installation of the public water supply improvements described in this document, in accordance with the provisions of the Environmental Protection Act, Title IV, Sections 14 through 17, and Title X, Sections 39 and 40, and is subject to the conditions printed on the last page of this permit and the ADDITIONAL CONDITIONS listed below.

FIRM: V3 Companies of Illinois, Ltd.
NUMBER OF PLAN SHEETS: 2
TITLE OF PLANS: "Water Main Replacement Circle Street"
APPLICATION RECEIVED DATE: November 3, 2023

PROPOSED IMPROVEMENTS:

*** The installation of approximately 59 feet of 6-inch and 699 feet of 8-inch diameter water main along Circle Street running from Caton Farm Road to Grandview Avenue in the City of Crest Hill. ***

ADDITIONAL CONDITIONS:

1. All water mains shall be satisfactorily disinfected prior to use pursuant to Ill. Adm. Code, Title 35, Subtitle F, Section 602.310. Two consecutive sets of samples collected at least 24 hours apart must show the absence of coliform bacteria. The samples must be collected from every 1,200 feet of new water main along each branch and from the end of the line. An operating permit must be obtained before the project is placed in service. The application for operating permit and supporting documents can either be mailed to this office or emailed to EPA.PWSPermits@illinois.gov. Use of the email address is preferred.

2. When the owner or operator of a community water supply replaces a water main, the community water supply shall identify all lead service lines connected to the water main and shall comply with the requirements of Section 17.12 of the Act, 415 ILCS 5/17.12 for lead service line replacement. Galvanized service line must also be replaced if the galvanized service line is or was connected downstream to the lead piping. A statement must be submitted with the Application for Operating Permit indicating either that no full or partial lead service lines were identified or that Section 17.12 of the Act was complied with for this project.

3. When replacing water mains with lead service lines or partial lead service lines connected to them, the owner or operator of the community water supply shall provide the owner or operator of each potentially affected building that is serviced by the affected lead service lines or partial lead service lines, as well as the occupants of those buildings, with an individual written notice. The lead informational notice shall be provided at least 14 days prior to permitted water main work. The notification provided by the community water supply must satisfy the requirements of Section 17.12(jj) of the Act, 415 ILCS 5/17.12(jj). A copy of the notice used must be submitted to the Agency with the Application for Operating Permit.

4. The permit approval is for the Application and 2 plan sheets received on November 3, 2023, Schedule B received on March 5, 2024, and additional information received on February 1, 20, & 27, 2024, and March 5, 2024.

JML: GTG

cc: V3 Companies of Illinois, Ltd.
Elgin Regional Office
IDPH/DEH Plumbing & Water Quality Program

Jenny Larsen

Jenny Larsen, P.E.
Working Supervisor, Permit Section – Unit B
Division of Public Water Supplies

STANDARD CONDITIONS FOR CONSTRUCTION/DEVELOPMENT PERMITS
ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

The Illinois Environmental Protection Agency Act (415 ILCS 5/39) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

These standard conditions shall apply to all permits which the Agency issues for construction or development projects which require permits under the Division of Water Pollution Control, Air Pollution Control, Public Water Supplies and Land Pollution Control. Special conditions may also be imposed by the separate divisions in addition to these standard conditions.

1. Unless this permit has been extended or it has been voided by a newly issued permit, this permit will expire one year after this date of issuance unless construction or development on this project has started on or prior to that date.

2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted the Illinois Pollution Control Board.

3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.

4. The permittee shall allow any agent duly authorized by the Agency upon the presentation of credentials:

   a. to enter at reasonable times the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit.

   b. to have access to and copy at reasonable times any records required be kept under the terms and conditions of this permit.

   c. to inspect at reasonable times, including during any hours or operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit.

   d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants.

   e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.

5. The issuance of this permit:

   a. shall not be considered as in any manner affecting the title of the permits upon which the permitted facilities are to be located;

   b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;

   c. does not release the permittee from compliance with the other applicable statues and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;

   d. does not take into consideration or attest to the structural stability of any units or parts of the project;

   e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability directly or indirectly for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.

6. These standard conditions shall prevail unless modified by special conditions.

7. The Agency may file a complaint with Board of modification, suspension or revocation of a permit:

   a. upon discovery that the permit application misrepresentation or false statements or that all relevant facts were not disclosed; or

   b. upon finding that any standard or special conditions have been violated; or

   c. upon any violation of the Environmental Protection Act or any Rules or Regulation effective thereunder as a result of the construction or development authorized by this permit.

Lead Informational Notice

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Dear Water Customer: Today's Date:_____

This notice contains important information about your water service and may affect your rights. We encourage you to have this notice translated in full into a language you understand and before you make any decisions that may be required under this notice.

Diese Mitteilung beinhaltet wichtige Informationen über Ihre Wasserversorgung und könnte Ihre Rechte beeinflussen. Wir bitten Sie, dass Sie diese Mitteilung vollständig in eine Sprache übersetzen lassen, die Sie verstehen, bevor Sie eventuelle Entscheidungen treffen, welche im Zusammenhang mit dieser Benachrichtigung erforderlich sind.

Ang abisong ito ay naglalaman ng mahalagang impormasyon tungkol sa iyong serbisyo sa tubig at maaaring makaapekto sa iyong mga karapatan. Hinihikayat namin kayo na isalin nang buo ang abisong ito sa wikang naiintindihan ninyo at bago kayo gumawa ng anumang mga desisyon na maaaring kailanganin sa abisong ito.

આ સૂચનામાં તમારી પાણીની સેવા વિશે મહત્વપૂર્ણ માહિતી શામેલ છે અને તમારા અધિકારોને અસર કરી શકે છે. અમે તમને પ્રોત્સાહિત કરીએ છીએ કે તમે આ સૂચના હેઠળ જરૂરી હોય તેવા કોઈપણ નિર્ણયો લો તે પહેલાં તમે આ સૂચનાને તમે સમજો છો તે ભાષામાં સંપૂર્ણ ભાષાંતર કરો.

Niniejsze zawiadomienie zawiera ważne informacje na temat Państwa przyłącza wodociągowego i może mieć wpływ na Państwa prawa. Przed podjęciem jakichkolwiek decyzji, które mogą być wymagane na mocy niniejszego zawiadomienia, zachęcamy Państwa do przetłumaczenia całości niniejszego zawiadomienia na język, który będzie dla Państwa zrozumiały.

يحتوي هذا الإشعار على معلومات مهمة حول خدمة المياه لديك، وقد يؤثر على حقوقك. قبل اتخاذ أي قرارات قد تكون مطلوبة بموجب هذا الإشعار فإننا نشجعك على ترجمته بالكامل إلى لغة تفهمها.

اس نوٹس میں آپ کی پانی کی سروسز سے متعلق اہم ترین معلومات موجود ہیں اور یہ آپ کے حقوق کو متاثر کر سکتا ہے۔ ہم آپ کو ترغیب دیں گے کہ آپ اس نوٹس کا مکمل طور پر اس زبان میں ترجمہ کروائیں جو آپ سمجھتے ہوں اور ممکن ہے کہ آپ کے کوئی فیصلہ لینے سے قبل اس نوٹس کے تحت یہ درکار بھی ہو۔

Este aviso contiene información importante sobre su servicio de agua y puede afectar sus derechos. Lo animamos a que traduzca este aviso a un idioma que comprenda antes de tomar cualquier decisión que pueda ser necesaria en virtud del mismo.

이 통지서에는 귀하의 권리에 영향을 미칠 수 있는 수도 서비스에 관한 중요한 정보가 제시되어 있습니다. 이 통지서에서 요구하는 결정을 내리기 전에 이 통지서를 귀하가 이해할 수 있는 언어로 번역하시기 바랍니다.

本通知包含有关您的供水服务的重要信息，可能会影响到您的权利。在您做出本通知所要求的任何决定之前，我们鼓励您将本通知完整地翻译成您可理解的语言。

Lead Informational Notice

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Our water system will soon begin a water line maintenance and/or construction project that may affect the lead concentrations in your drinking water. Lead, a metal found in natural deposits, is harmful to human health, especially young children, and pregnant women. It can cause damage to the brain and kidneys and can interfere with the production of red blood cells that can carry oxygen to all parts of your body. The most common exposure to lead is swallowing or breathing in lead paint chips and dust. However, lead in drinking water can also be a source of lead exposure. In the past, lead was used in some water service lines and household plumbing materials. Lead in water usually occurs through corrosion of plumbing products containing lead; however, disruption (construction or maintenance) of lead service lines may also temporarily increase lead levels in the water supply. This disruption may be sometimes caused by water main maintenance/replacement.

The purpose of this notice is for informational purposes only. While it's not known for certain whether this construction project will adversely affect the lead (if present) plumbing in and outside your home, below describes some information about the project and some preventative measures you can take to help reduce the amount of lead in drinking water.

Project Start Date:_____ Project expected to be completed by:_____

Project location and description:_____

_____

_____

What you can do to reduce lead exposure in drinking water during this construction project:

- *Run your water to flush out lead.* If the plumbing in your home is accessible; you may be able to inspect your own plumbing to determine whether you have a lead service line or lead solder. Otherwise, you will most likely have to hire a plumber.
  - If you do not have a lead service line, running the water for 1 – 2 minutes at the kitchen tap should clear the lead from your household plumbing to the kitchen tap. Once you have done this, fill a container with water and store it in the refrigerator for drinking, cooking, and preparing baby formula throughout the day.
  - If you do have a lead service line, flushing times can vary based on the length of your lead service line and the plumbing configuration in your home. The length of lead service lines varies considerably. Flushing for at least 3 – 5 minutes is recommended.
- *Use cold water for drinking, cooking, and preparing baby formula.* Do not cook with or drink water from the hot water tap; lead dissolves more easily into hot water. Do not use water from the hot water tap to make baby formula.
- *Look for alternative sources or treatment of water.* You may want to consider purchasing bottled water or a water filter that is certified to remove "total lead".
- *Clean and remove any debris from faucet aerators on a regular basis.*
- *Do not boil water to remove lead. Boiling water will not reduce lead.*
- *Purchase lead-free faucets and plumbing components.*
- *Remove the entire lead service line.*
- *Test your water for lead.* Call us at: _____ to find out how to get your water tested for lead. While we do not do the testing, we can provide a list of laboratories certified to do the testing. Laboratories will send you the bottles for sample collection. Please note that we are not affiliated with any laboratory, and they will charge you a fee.
  - If test results indicate a lead level above 15 ug/L, bottled water should be used by pregnant women, breast-feeding women, young children, and formula-fed infants.

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Division of Public Water Supplies, Permit Section
Application for Operating Permit

*This form may be completed online, a copy saved locally and printed before it is signed. You may also complete a printed copy manually. Submit the completed and signed form to the **Illinois EPA, Division of Public Water Supplies, Permit Section** at the address listed above.*

Facility Name: Crest Hill
Facility ID: IL1970250
Address 1: 1610 Plainfield Road
Construction Permit No.: 0470-FY2024
Address 2:
Permit Type: Water Main
City: Crest Hill State: IL Zip Code: 60403
Date Permit Issued: Mar 20, 2024
County: Will
Project Title: Water Main Replacement Circle Street
Firm Name: V3 Companies of Illinois, Ltd.

Project Status: ◯ Final ◯ Partial

Partial A, B, C, etc.

Application Requirements (check when complete):

☐ Permit Number, Facility Number, and Facility Name identified on the Lab Report(s).
☐ Sample results attached to the Application.
(If a new well was constructed, provide a copy of the sample results as required by Section II, Part g of the C-I application).
☐ For water main projects subject to Section 17.12 of the Act (415 ILCS 5/17.12), attach a statement on lead service lines and a copy of the lead informational notice (if one was distributed). See the instructions page for additional information.

If you select Partial, you must *also* submit the following items:

☐ Cover letter describing which sections were completed.
☐ General project layout plans.
☐ For water main projects, identify the length the Partial: _____ LF

Date of Project Completion: _____ (Provide the date construction was completed on the project or partial)

Certified Operator in Responsible Charge:

Name: _____ Classification: _____ Number: _____
Telephone: _____ Email (optional): _____

Owner of the Completed Project:

Name: _____ Title: _____ Telephone: _____
Address: _____ City: _____ State: ____ Zip Code: _____

The Owner hereby certifies that the project named and described has been constructed in accordance with plans and specifications approved by the Illinois EPA. See instructions for further information. For Verbal Approvals, please call 217-782-1724.

_____ _____
Owner/Authorized Personnel Signature Date

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))

FOR IEPA USE ONLY

This operating permit 0470-FY2024 issued on _____ is valid until revoked.
This permit is valid only for the work completed under the Construction Permit of the same number.

_____
David C. Cook, P.E.
Manager, Permit Section
Division of Public Water Supplies

Instructions for Operating Permit Application

The Operating Permit Application must be submitted for all Public Water Supply projects that required a construction permit. The Operating Permit *must* be obtained before the project is placed in service.

Fill out the top section using the corresponding Construction Permit for reference.

- **Facility Name** is the name of the village, city or entity distributing community water supplies.
- **Facility ID Number** can be found on the Construction Permit. This number is specific to your facility.
- **Address** is the same as the address on the Construction Permit.
- **Construction Permit Number** is the assigned permit number of the corresponding Construction Permit. The Operating Permit and the corresponding Construction Permit will have the same permit number.
- **Permit Type** identifies whether the project involved is a Water Main, a Plant Improvement or Both.
- **Date Permit Issued** is the date the Construction Permit was granted.
- **Date of Project Completion** is the date construction was completed for the section of project you are requesting the Operating Permit for. If you are requesting an Operating Permit for a Partial project, the Date of Project Completion is the date construction was completed on that partial section. The Date of Project Completion will never be a date in the future, and must be a date *after* the issue date of the Construction Permit.
- **Title of Project** is the same title of project listed on the corresponding Construction Permit. The Operating Permit and the Construction Permit will have the same Title of Project.
- **Firm Name** is the engineering entity that designed the project.

Project Status will either be Final or Partial.

- **Final:** If construction on the project is complete, you will select **Final**.
- **Partial:** If construction on the total project is only *partially* complete, but you want to operate the completed section, you will select **Partial**. If this is the first partial, you will identify it as "Partial A", if this is the second partial, you will identify it as "Partial B" and so forth. Once the last partial section has been completed, identify it as such and also select Final in the Project Status.

The **Certified Operator in Responsible Charge** and **Owner of the Completed Project** should fill out his/her respective section. Please print your name legibly and sign where appropriate. By signing the application, the owner hereby certifies that the project named and described has been constructed in accordance with plans and specifications approved by the Illinois EPA, including specifications for bacteriological samples, and that bacteriological samples (if required) were taken under the supervision of a representative from the Public Water Supply. The owner also certifies that the project will be operated in accordance with the provisions of the Illinois Environmental Protection Act and the Rules and Regulations adopted by the Illinois Pollution Control Board pursuant to provisions of the Act.

Requests for **Verbal Approval** and questions can be addressed at (217) 782-1724.

Disinfection and bacteriological analysis must be performed for the completed project in accordance with the requirements of AWWA C651, C652, C653 or C654. For projects requiring these procedures, the sample results must be attached to the application. The construction permit number should be clearly visible on the sample results. Two consecutive sets of samples collected at least 24 hours apart must show the absence of coliform bacteria and the presence of a 0.5 mg/L minimum free chlorine residual or a 1.0 mg/L minimum combined chlorine residual. Samples must be collected every 1,200 feet of new water main along each branch and from the end of the line unless otherwise approved by the Illinois EPA.

All operating permit applications for water main construction permits that have additional conditions for lead service line inventory, replacement, and notification must include a statement indicating either that no full or partial lead service lines were identified or that they were replaced in accordance with Section 17.12 of the Act, 415 ILCS 5/17.12. A copy of the **Lead Informational Notice** satisfying the requirements of Section 17.12(jj) of the Act, 415 ILCS 5/17.12(jj) must also be attached. The notice must contain the following statement translated in the Spanish, Polish, Chinese, Tagalog, Arabic, Korean, German, Urdu, and Gujarati languages: "This notice contains important information about your water service and may affect your rights. We encourage you to have this notice translated in full into a language you understand and before you make any decisions that may be required under this notice."

This form may be completed online, a copy saved locally and printed before it is signed. You may also complete a printed copy manually. Submit the completed form to the Illinois EPA, Bureau of Water, Permit Section at the following address:

Illinois Environmental Protection Agency
Division of Public Water Supplies, Permit Section #13
1021 North Grand Avenue East, PO Box 19276
Springfield, IL 62794-9276

CITY OF CREST HILL
DIVISION 100

GENERAL REQUIREMENTS AND COVENANTS

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SECTION 1. DEFINITION OF TERMS

1-1 DESCRIPTION

When a standard specification number is used in the Specifications it shall be taken to mean the latest revision of that Standard Specification at the time of the Bid.

Whenever in the specifications and Contract the following terms, or pronouns in place of them, are used, the intent and meaning shall be interpreted as follows:

1-2 ABBREVIATIONS

The following organizations are referred to in this specification by abbreviations of the titles. Additional information noted but not detailed can be obtained from these organizations by writing to them.

ASTM	American Society for Testing and Materials 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 REQIREMENT 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

Per Public Act 103-0570 a proposal guarantee is required for all projects over $150,000.

If project is over $150,000 than 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 (l) 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 set up an account with the City Water Department. Once proof has been supplied to Public Works a meter will be installed on an existing fire hydrant for which the contractor will be responsible for throughout the project construction. Once the project

is completed or water is not needed by the contractor anymore the contractor will be responsible for notifying Public Works to remove the meter so the account can be closed.

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

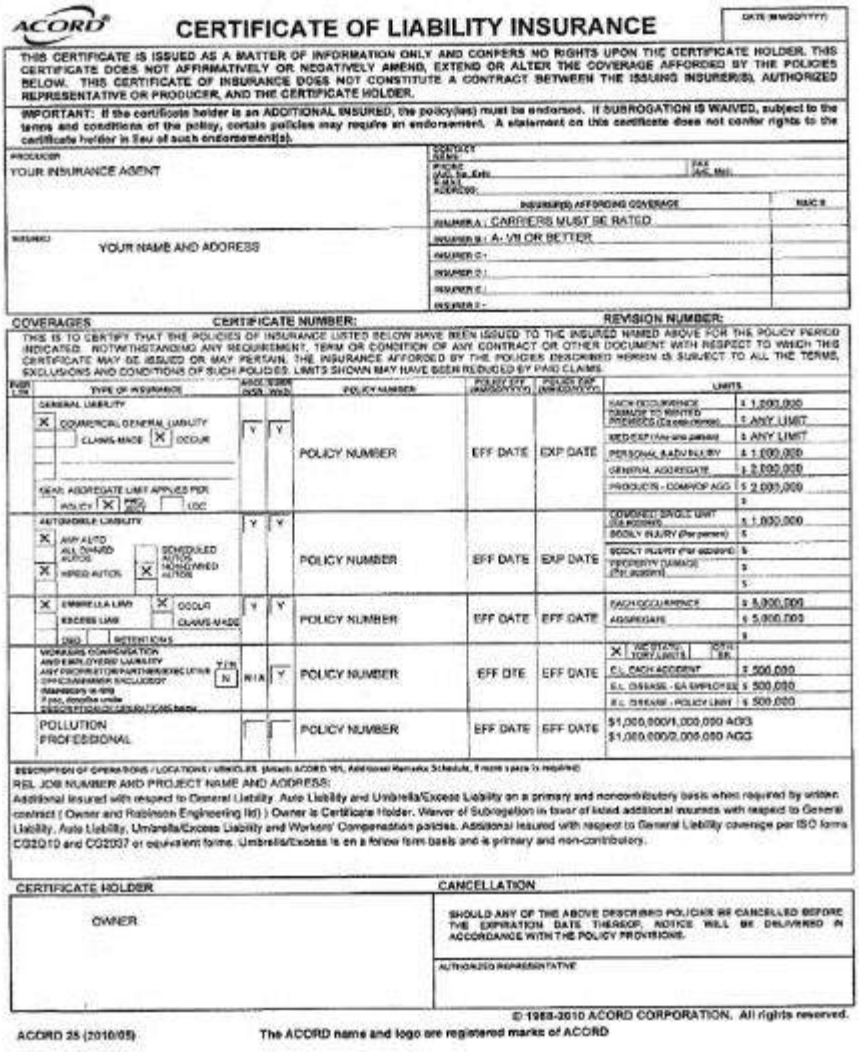
Watchmen are to be provided by the Contractor at the site of the project to prevent loss, damage to property, or accidents.

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						X WC STATU- TORY LIMITS OTH- ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N	N/A	Y POLICY NUMBER	EFF DTE	EFF DATE	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

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SECTION 8. PROSECUTION AND PROGRESS

8-1 SUBLETTING OR ASSIGNMENT OF CONTRACT

The Contractor shall not sublet, sell, transfer, assign, or otherwise dispose of the Contract or Contracts or any portion thereof, or of his right, title, or interest therein, without written consent of the City. In case such consent is given, the Contractor will be permitted to sublet a portion thereof, but shall perform with his own organization, Work amounting to not less than 50 per cent of the total Contract, except that any items designated in the Contract as "specialty items" may be performed by subcontract and may be deducted from the total Contract price before computing the amount of work required to be performed by the Contractor with his own organization. No subcontracts, or transfer of Contract, shall in any case release the Contractor of his liability under the Contract. All transactions of the City shall be with the Contractor; subcontractors shall be recognized only in the capacity of employees or workmen and shall be subject to the same requirements as to character and competence.

8-2 PROGRESS SCHEDULE

Promptly after the award of the contract, if requested, the Contractor shall submit to the City a satisfactory progress schedule, which shall show the proposed sequence of work, and how the Contractor proposes to complete the various items of work within the number of days set up on the contract. The progress schedule shall be reviewed and revised periodically as working conditions warrant. The Contractor shall confer with the City in regard to the prosecution of the Work in accordance with this schedule. This schedule shall be used as a basis for establishing major construction operations, and for checking progress of the Work.

8-3 PRE-CONSTRUCTION CONFERENCE

Unless the need for a preconstruction conference is waived by the Engineer, the Contractor shall make himself and his representatives available to meet with the Engineer and other representatives of the City, prior to the start of construction to discuss scheduling, handling of materials, payments, etc.

8-4 PROSECUTION OF THE WORK

The Contractor shall begin the Work to be performed under the contract not later than ten (10) days after the execution and acceptance of the Contract, unless otherwise provided, but not prior to the execution of the Contract.

8-5 COMPLETION DATE

The Contractor shall complete all Work on or before the stipulated completion date, or on or before a later date determined as specified herein; otherwise, the City may proceed to collect liquidated damages described hereinafter.

When a delay occurs due to unforeseen causes beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of the public enemy, governmental acts, fires, floods, epidemics, strikes, extraordinary delays in delivery of materials caused by strikes, lockouts, wrecks, freight embargoes, governmental acts, or acts of God, the time of completion shall be extended in whatever amount is determined by the City.

An "Act of God" means an earthquake, flood, cloudburst, cyclone, or other cataclysmic phenomena of nature beyond the power of the Contractor to foresee or make preparation in defense against. A rain, windstorm or other natural phenomenon of normal intensity, based on U.S. Weather Bureau reports, for the particular locality and for the particular season of the year in which the work is being prosecuted, shall not be construed as an "Act of God", and no extension of time will be granted for the delays resulting therefrom.

8-6 LIMITATIONS OF OPERATIONS

The Contractor shall conduct his work so as to create a minimum amount of inconvenience to vehicular and pedestrian traffic. At any time when, in the judgment of the City, the Contractor has obstructed or closed the road or is carrying on operations on a greater portion of a street than is necessary for the proper prosecution of the Work, the City may require the Contractor to finish the section on which Work is in progress before the Work is started on any additional section. (See also Section 7-7).

8-7 SUSPENSION OF WORK

The City shall have authority to suspend the Work wholly or in part, for such period of time as he may deem necessary, due to conditions unfavorable for the satisfactory prosecution of the Work, or to conditions which in his opinion warrant such action; or for such time as is necessary by reason of failure on the part of the Contractor to carry out orders given, or to perform any or all provisions of the Contract. No additional compensation will be paid the Contractor because of any costs caused by such suspension, except when the suspension is ordered for reasons not resulting from any act or omission on the part of the Contractor. If it becomes necessary to stop Work for an indefinite period of time, the Contractor shall store all material in such manner that they will not obstruct or impede the traveling public unnecessarily or become damaged in any way, take every precaution to prevent damage or deterioration of the Work performed, provided suitable drainage of the roadway, and erect temporary structures where necessary. The Contractor shall not suspend Work without written authority from the City. (See also Section 7-15).

8-8 DETERMINATION AND EXTENSION OF CONTRACT TIME FOR COMPLETION

When the time for completion of the Work contemplated is specified in the Contract, it is understood that the completion of the Work within the time specified is an essential part of the Contract. If the Contractor finds it impossible to complete the Work within the time specified in the Contract, he may, at any time prior to the last thirty (30) days of the Contract time specified, make written request to the City for an extension of Contract time. He shall set forth in full in his request the reasons, which he believes justify the granting of his request. If the City finds that the Work is delayed because of conditions beyond the control of the Contractor, or that the quantities of work done, or to be done, are in excess, he shall promptly grant an extension of time for completion, which appears reasonable and proper. The extended time for completion shall then be considered as in effect the same as if it were the original Contract time for completion.

8-9 FAILURE TO COMPLETE THE WORK ON TIME

Should the Contractor fail to complete the Work within the Contract time the Contractor shall be liable to the City in the amount shown in the following schedule of deductions, as liquidated damages, and not

as a penalty, for each day of overrun in the Contract time or such extended time as may have been allowed.

SCHEDULE OF DEDUCTIONS FOR EACH DAY OF OVERRUN IN CONTRACT TIME

Original Contract Amount		Daily Charge	
From more than	To and Including	Calendar Day	Work Day
$ 0	100,000	$ 475	$ 675
100,000	500,000	750	1,050
500,000	1,000,000	1,025	1,425
1,000,000	3,000,000	1,275	1,725
3,000,000	6,000,000	1,425	2,000
6,000,000	12,000,000	2,300	3,450
12,000,000	And over	5,800	8,125

8-10 DEFAULT ON CONTRACT

If the Contractor fails to begin the Work under Contract within the time specified, or fails to perform the Work with sufficient workmen and equipment or with sufficient materials to insure the completion of said Work within the Contract time, or shall perform the Work unsuitable, or shall neglect or refuse to remove materials or perform anew such Work as shall be rejected as defective and unsuitable, or shall discontinue the prosecution of the Work, or if the Contractor shall become insolvent or be declared bankrupt, or shall commit any act of bankruptcy or insolvency, or shall make an assignment for the benefit of creditors, the City shall give notice in writing to the Contractor and his surety of such delinquency, said notice to specify the corrective measures required.

If the Contractor, within a period of ten (10) days after said notice, shall not proceed in accordance therewith, the City shall have full power and authority to forfeit the rights of the Contractor and at its option to call upon the surety to complete the Work in accordance with the terms of the contract, or it may take over the Work, including any or all materials and equipment on the ground as may be suitable and acceptable, and may complete the Work with his own forces, or may enter into a new agreement for the completion of said Contract according to the terms and provisions thereof, or use such other methods as, in its opinion, shall be required for the completion of said Contract in an acceptable manner.

All costs and charges incurred by the City, together with the cost of completing the work under Contract, shall be deducted from the Contract amount. In case the expense so incurred by the City shall be less than the sum which would have been payable under the Contract if it had been completed by the Contractor, the Contractor shall be entitled to receive the difference subject to any claims for liens thereon in case such expense shall exceed the sum which would have been payable under the Contract, the Contractor and the surety shall be liable and shall pay to the City the amount of such excess.

8-11 TERMINATION OF THE CONTRACTOR'S RESPONSIBILITY

Whenever the Work called for by the Contract shall have been completely performed on the part of the Contractor and all parts of the Work have been approved and deemed to be in compliance with the Technical Plans and Specifications by the Engineer, according to the Contract, and the final estimate paid, the Contractor's obligations shall be considered fulfilled, except as set forth in his Bond, in Section 7-18 and his one-year guarantee, in Section 7-16.

SECTION 9. MEASUREMENT AND PAYMENT

9-1 MEASUREMENT OF QUANTITIES

All Work completed under the Contract will be measured by the Engineer according to United States Standard Measures. The method of measurement shall be described in the Specifications or the Special Provisions.

9-2 SCOPE OF PAYMENT

The Contractor shall receive and accept the compensation as herein provided, in full payment for furnishing all materials, labor, tools and equipment; for performing all Work contemplated and embraced under the Contract; for all loss or damage arising out of the nature of the Work or from action of the elements; for any unforeseen difficulties or obstructions which may arise or be encountered during the prosecution of the Work until its final acceptance by the City; for all risks of every description connected with the prosecution of the Work; also, for all such expenses incurred by or in consequence of suspension or discontinuance of such prosecution of the work as herein specified, or for any infringement of patents, trademarks, or copyrights, and for completing the Work in an acceptable manner according to the Contract Documents.

Contractor will be paid in cash and/or negotiable warrants at intervals, and in accord with the terms of the Contract. Except for subdivision contracts, the City will retain ten percent (10%) of each periodic payment until final completion and acceptance by the City of all Work included in the Contract.

The payment of any current estimate prior to final acceptance of the Work by the City shall in no way constitute an acknowledgment of the acceptance of the Work, nor in any way prejudice or affect the obligation of the Contractor, at his expense, to repair, correct, renew, or replace any defects or imperfections in the construction or in the strength or quality of the materials used in or about the construction of the Work under Contract and its appurtenances, nor any damage due or attributable to such defects, which defects, imperfections, or damage shall have been discovered on or before the final inspection and acceptance of the Work. Defects, imperfections, or damage, shall be determined by the Engineer observing the work for compliance with the Plans and Specifications, and the Contractor shall be liable to the City for failure to correct the same as provided herein.

9-3 INCREASED OR DECREASED QUANTITIES

Whenever the quantity of any item of Work as given in the Proposal shall be increased or decreased, payment shall be made on the basis of the actual quantity completed at the unit price for such item named in the Proposal, except as otherwise provided in Sections 4-3 or in the detailed specifications for each class of Work.

9-4 PAYMENT FOR EXTRA WORK

Extra Work which results from any of the changes as specified in Section 4-3 shall not be started, except in case of an emergency, until receipt of a written authorization or Work order from the City, which authorization shall state the items of work to be performed and the method of payment for each item. Work performed without such order will not be paid for.

Extra work will be paid for:

A. Either at a lump sum price or at unit prices agreed upon by the Contractor and the City. {In case a Supplemental Agreement is signed between the Contractor and the City, the agreed prices pertaining thereto shall prevail).

B. If acceptable to the Engineer, on the following force account basis:

1. Labor. The Contractor will be paid the actual amount of wages for all labor and foreman in direct charge of the specific Work for each hour that said labor and foreman are actually engaged in such Work, to which cost shall be added twenty percent (20%) of the sum thereof.

2. Bond, Insurance, Tax, Welfare Fund and other Payments. The Contractor will receive the actual cost of Contractor's bond, public liability and property damage insurance, workmen's compensation insurance, social security tax, welfare fund and other payments, if any, in accordance with agreements applicable to the Contract, required for force account work, to which no percentage shall be added. The Contractor shall furnish satisfactory evidence of the rate or rates paid for such bond, insurance tax, welfare fund and other payments.

3. Materials. The Contractor will receive the actual cost for all materials which are an integral part of the finished Work, including freight charges as shown by the original receipted bills, to which shall be added fifteen percent (15%) of the sum thereof.

The Contractor will be reimbursed for any materials used in the construction of the Work, such as sheeting, false work, form lumber, curing materials, etc., which are not an integral part of the finished Work. The amount of reimbursement shall be agreed upon in writing before such Work is begun, and no percent shall be added. The salvage value of such materials shall be taken into consideration in the reimbursement agreed upon.

4. Equipment. Machinery and equipment, which the Contractor has on the job for use on contract items, shall be used on extra Work as deemed necessary or desirable. The Contractor will be paid for all machinery and equipment used on extra work in accordance with the latest revision of "SCHEDULE OF AVERAGE ANNUAL EQUIPMENT CITY SHIP 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.

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Source Site Certification
by Owner or Operator
for Use of Uncontaminated Soil as Fill in a
CCDD or Uncontaminated Soil Fill Operation
LPC-662

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 source site owners and operators to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(A), that soil (i) was removed from a site that is not potentially impacted property and is presumed to be uncontaminated soil and (ii) is within a pH range of 6.25 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 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 - 662 Office Phone Number, if available:

Physical Site Location (Street, Road): Circle St; Green St; and Sweetbriar Ave: Green St to Root St

City: Crest Hill State: IL Zip Code: 60403 County: Will

Township: Lockport

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 41.56508 (Decimal Degrees) Longitude: - 88.13274 (-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: NA 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.): 5,000

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 - 662 Latitude: 41.56508 Longitude: -88.13274

Source Site Certification

III. Descriptions of Current and Past Uses of Source Site

Describe the current and past uses of the site and nearby properties.* Attach additional information as needed. The description must take into account, at a minimum, the following for the source site and for nearby property: (1) use of the properties for commercial or industrial purposes; (2) the use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons; (3) the current or past presence of any storage tanks (above ground or underground); (4) any waste storage, treatment or disposal at the properties; (5) any reported releases or any environmental cleanup or removal of contaminants; (6) any environmental liens or governmental notification of environmental violations; (7) any contamination in a well that exceeds the Board's groundwater quality standards; (8) the use, storage, or disposal of transformers or capacitors manufactured before 1979; and (9) any fill dirt brought to the properties from an unknown source or site.

Number of pages attached: _____

See Attachment 1

*The description must be sufficient to demonstrate that the source site is not potentially impacted property, thereby allowing the source site owner or operator to provide this certification.

IV. Soil pH Testing Results

Describe the results of soil pH testing showing that the soil pH is within the range of 6.25 to 9.0 and attach any supporting documentation.

Number of pages attached: _____

See Attachment 1

V. Source Site Owner, Operator or Authorized Representative's Certification Statement and Signature

In accordance with the Illinois Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I Jonathan Shuptar P.G. (owner, operator or authorized representataive of source site) certify that this site is not a potentially impacted property and the soil is presumed to be uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. I further certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. Additionally, I certify that I am either the site owner or operator or a duly authorized representative of the site owner or site operator and am authorized to sign this form. Furthermore, I certify that all 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.

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))

◯ Owner
◯ Operator
◉ Owner's Duly Authorized Representative
◯ Operator's Duly Authorized Representative

Jonathan Shuptar P.G.
Printed Name

11/09/23
Date

Signature

ATTACHMENT 1

Source Site Certification by Owner or Operator for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation (LPC-662)

DATE: 11/09/23
SOURCE OWNER/OPERATOR: City of Hill Crest
PROJECT: Proposed Watermain Plans – Circle Street, Green Street, and Sweetbriar Street

---

DESCRIPTION OF SOURCE:

The Source is a roadway with residential single-family homes for adjoining properties. Development at the Source property will include watermain and storm sewer improvements; and roadway resurfacing of Circle Street, Green Street, and Sweetbriar Street with adjustments to sanitary manholes and select mailboxes; and fire hydrant removal and replacement. Soils will be generated throughout the project from proposed watermain and sewer installation. The proposed project is shown in **Figure 1.**

SECTION III DESCRIPTION OF CURRENT AND PAST USES OF SOURCE SITE:

Summary of Current and Past Uses of the Source Site and Nearby Properties:
Based on a geodatabase search for the Source Site, the Site has been a roadway since 1939. Adjoining properties have been vacant land and developing residential properties since 1939. Adjoining sites are currently used as residential single-family homes. Property to the north of the roadway has been agricultural farmland since 1939. Property to the east of the roadway was agricultural farmland from 1939 to 1954. Property to the east of the roadways has been vacant land since 1962. The database review did not identify any environmental concerns within ¼-mile of the Project Area. The review of the Source Site history demonstrates eligibility for LPC-662 Certification based on the following:

(1) Use of the properties for industrial and commercial properties.

- There is no record of industrial or commercial use of the source site or adjoining properties.

(2) The use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons.

- There is no evidence of current or historical storage, disposal, or improper use of chemical or petroleum products in individual containers greater than 5-gallons or collectively more than 50-gallons at the Source Site or adjoining properties.

(3) The current or past presence of any storage tanks (above ground or underground).

- Regulatory records and Source Site observations do not indicate the current or past presence of above ground or underground storage tanks on the Source Site or adjoining properties.

(4) Any waste storage, treatment or disposal at the properties

- Regulatory records and Source Site observations do not indicate waste storage, treatment, or disposal at the Source Site or adjoining properties.

(5) Any reported releases or any environmental cleanup or removal of contaminants.

- There are no observed, reported or known releases or environmental cleanup and no removal of contaminants at the Source Site or adjoining properties.

(6) Any environmental liens or governmental notifications or environmental violations.

- Known environmental liens, governmental notifications, and environmental violations were not reported in connection to the Source Site or adjoining properties, and violations and notifications were not listed in regulatory records reviewed.

(7) Any contamination in a well that exceeds the Board's groundwater quality standards.

- No reported wells with contamination that exceeds the Board's groundwater quality standards are known to be located on the Source Site or adjoining properties.

(8) The use, storage, or disposal of transformers or capacitors manufactured before 1979.

- No evidence of the use, storage, or disposal of transformers or capacitors manufactured before 1979 was observed or documented to have been at the Source Site or adjoining properties.

(9) Any fill dirt brought to the properties from an unknown source or site.

- No known or observed fill dirt has been brought to the Source Site or adjoining properties from an unknown source or site.

SECTION IV SOIL PH TESTING RESULTS:

Sampling Approach:
Based on the review of the Site Source history, the Source Site is not considered a Potentially Impacted Property (PIP) and according to 35 III. Adm. Code 1100.205(a)(1)(A), the soils generated from this project are presumed to be uncontaminated. To complete the certification through the LPC – 662 and demonstrate compliance with CCDD regulations, the soils must have a pH within the acceptable range of 6.25 to 9.0.

A total of 3 soil samples were collected from the project area. The samples were collected from 1-10 feet below existing grade, which is consistent with the proposed excavation. Each of the 3 samples were analyzed for pH. Samples were collected by a V3 Geologist. Samples were collected from geoprobe soil borings drilled by Earth Solutions, Inc., and were sampled using standard operating procedures for

environmental soil sampling. Samples were packaged into clear laboratory provided jars and stored in a cooler on ice. Samples were delivered the same day of sample collection to Sterling Labs (an IEPA ELAP Accredited Laboratory) for analysis.

Sample Results and Conclusion:
Each of the 3 samples had a pH within the acceptable range of 6.25 and 9.0 (See attached Lab Analytical Report). Project soils from the Source Site meet the criteria of Title 35: Subtitle J: Chapter I: Part 1100 for acceptance as CCDD fill material.

FACILITY ACCEPTANCE AND UNCHARACTERIZE 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:	10/25/2023
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:

CIRCLE STREET & GREEN STREET

SITE:

Proposed Watermain Plans
Crest Hill, IL

FIGURE:

1

J:\2023\230652\EnvironGeo\Fig1-CG_230652.mxd

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

October 23, 2023

V3 Companies of Illinois
7325 Janes Avenue
Woodridge, IL 60517
Telephone: (630) 724-9200
Fax: (630) 724-9202

Analytical Report for Work Order: 23100660 Revision 0

RE: 230652, Crest Hill - Cricle & Green, Crest Hill, IL

Dear V3 Companies:

Sterling Labs received 3 samples for the referenced project on 10/20/2023 2:22:00 PM. The analytical results are presented in the following report.

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: October 23, 2023

Customer: V3 Companies of Illinois
Project: 230652, Crest Hill - Cricle & Green, Crest Hill, IL
Work Order: 23100660 Revision 0

Work Order Sample Summary

Lab Sample ID	Customer Sample ID	Tag Number	Collection Date	Date Received
23100660-001A	CG-B01 (6-8)		10/20/2023 11:42:00 AM	10/20/2023
23100660-002A	CG-B02 (6-8)		10/20/2023 12:20:00 PM	10/20/2023
23100660-003A	CG-B03 (2-4)		10/20/2023 12:45:00 PM	10/20/2023

sterling labs
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 Info@TheSterlingLab.com

Date Reported: October 23, 2023
Date Printed: October 23, 2023

Analytical Results

Customer: V3 Companies of Illinois
Project: 230652, Crest Hill - Cricle & Green, Crest Hill, IL **Work Order:** 23100660 Revision 0

Lab ID: 23100660-001 **Collection Date:** 10/20/2023 11:42:00 AM
Customer Sample ID: CG-B01 (6-8) **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	8.55			pH Units	1	10/23/2023

Lab ID: 23100660-002 **Collection Date:** 10/20/2023 12:20:00 PM
Customer Sample ID: CG-B02 (6-8) **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	8.16			pH Units	1	10/23/2023

Lab ID: 23100660-003 **Collection Date:** 10/20/2023 12:45:00 PM
Customer Sample ID: CG-B03 (2-4) **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	8.51			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

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

№ 100040 Page: 1 of 1

Company: V3
Projeet Number: 230652 Client Tracking No.:
Project Name: Crest Hill - Circle & Green
Project Loeation: Crest Hill, IL
Sampler(s): JAK
Report To: JK, JS Phone:
Fax:
QC Level: 1 2 3 4 e-mail:

P.O. No.:
Quote No.:
Turn Around Time (Days):
1 2 3 4 (5-7) 10
Results Needed:
/ / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	pH	Remarks	Lab No.:
CG-B01 (6-8)	10/20/23	11:42	S				1	X		001
CG-B02 (6-8)	10/20/23	12:20	S				1	X		002
CG-B03 (2-4)	10/20/23	12:45	S				1	X		003

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.: 2300660

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

Sample Receipt Checklist

Customer: V3

Date and Time Received: 10/20/2023 2:22:00 PM

Work Order Number 23100660

Received by: JMH

Checklist completed by: _____ 10.20.2023 (Signature / Date)

Reviewed by: _____ 10/23/2023 (Initials / Date)

Matrix: Carrier name: Client Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature On Ice °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☒	Yes ☒	No ☒
Water - Samples pH checked?	Yes ☒	No ☒	Checked by: _____
Water - Samples properly preserved?	Yes ☒	No ☒	pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Customer / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

Crest Hill - Circle Green
2323 Circle St
Crest Hill, IL 60403

Inquiry Number: 7469530.9s
October 13, 2023

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2323 CIRCLE ST
CREST HILL, IL 60403

COORDINATES

Latitude (North):	41.5653220 - 41° 33' 55.15''
Longitude (West):	88.1323640 - 88° 7' 56.51''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	405581.5
UTM Y (Meters):	4601922.5
Elevation:	630 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	10705988 PLAINFIELD, IL
Version Date:	2018
East Map:	10705952 JOLIET, IL
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20190914, 20190809
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
2323 CIRCLE ST
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
1	CREST HILL		PFAS	Higher	935, 0.177, SE
2	EMRO MARKETING 7008-	2200 PLAINFIELD RD	LUST, RCRA NonGen / NLR, FINDS, ECHO, BOL	Lower	1590, 0.301, SW
3	CONNELLY ICE CREAM	1914 DON MAUR	LUST, UST	Lower	2611, 0.495, SSE
4	AMOCO OIL CO. #15795	RT. 30 & CATON FARM	LUST	Lower	2632, 0.498, West

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
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SSU..... State Sites Unit Listing

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
CCDD..... Clean Construction or Demolition Debris
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
LUST TRUST..... Underground Storage Tank Fund Payment Priority List

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Underground Storage Tank Facility List
AST..... Above Ground Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Sites with Engineering Controls
INST CONTROL..... Institutional Controls

Lists of state and tribal voluntary cleanup sites

SRP..... Site Remediation Program Database
INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

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
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
SPILLS	State spills
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information 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 AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
MINES MRDS	Mineral Resources Data System

EXECUTIVE SUMMARY

ABANDONED MINES - Abandoned Mines
FINDS - Facility Index System/Facility Registry System
ECHO - Enforcement & Compliance History Information
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 - Facilities in Industries that May Be Handling PFAS Listing
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
AIRS - Air Inventory Listing
ASBESTOS - Asbestos Notification Tracker Information
BOL - Bureau of Land Inventory Database
COAL ASH - Coal Ash Site Listing
DRYCLEANERS - Illinois Licensed Drycleaners
Financial Assurance - Financial Assurance Information Listing
HWAR - Hazard Waste Annual Report
IMPDMENT - Surface Impoundment Inventory
NPDES - A Listing of Active Permits
PIMW - Potentially Infectious Medical Waste
TIER 2 - Tier 2 Information Listing
UIC - Underground Injection Wells

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants
EDR Hist Auto - EDR Exclusive Historical Auto Stations
EDR Hist Cleaner - EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS - Recovered Government Archive State Hazardous Waste Facilities List
RGA LF - Recovered Government Archive Solid Waste Facilities List
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 state and tribal leaking storage tanks

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 LUST list, as provided by EDR, and dated 07/17/2023 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EMRO MARKETING 7008- NFA/NFR Letter: 1993-12-20 Incident Num: 910142 IL EPA Id: 1970255012	***2200 PLAINFIELD RD***	***SW 1/4 - 1/2 (0.301 mi.)***	***2***	***11***
CONNELLY ICE CREAM NFA/NFR Letter: 2005-09-06 Incident Num: 991591 IL EPA Id: 1970255035	***1914 DON MAUR***	***SSE 1/4 - 1/2 (0.495 mi.)***	***3***	***15***
AMOCO OIL CO. #15795 NFA/NFR Letter: 2000-04-10 Incident Num: 921518 IL EPA Id: 1970255015	RT. 30 & CATON FARM	W 1/4 - 1/2 (0.498 mi.)	4	17

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

PFAS: The Illinois Environmental Protection Agency (Illinois EPA) has conducted statewide investigations into the prevalence and occurrence of Per- and Polyfluoroalkyl Substances (PFAS) contamination.

A review of the PFAS list, as provided by EDR, and dated 06/28/2023 has revealed that there is 1 PFAS site within approximately 0.25 miles of the target property.

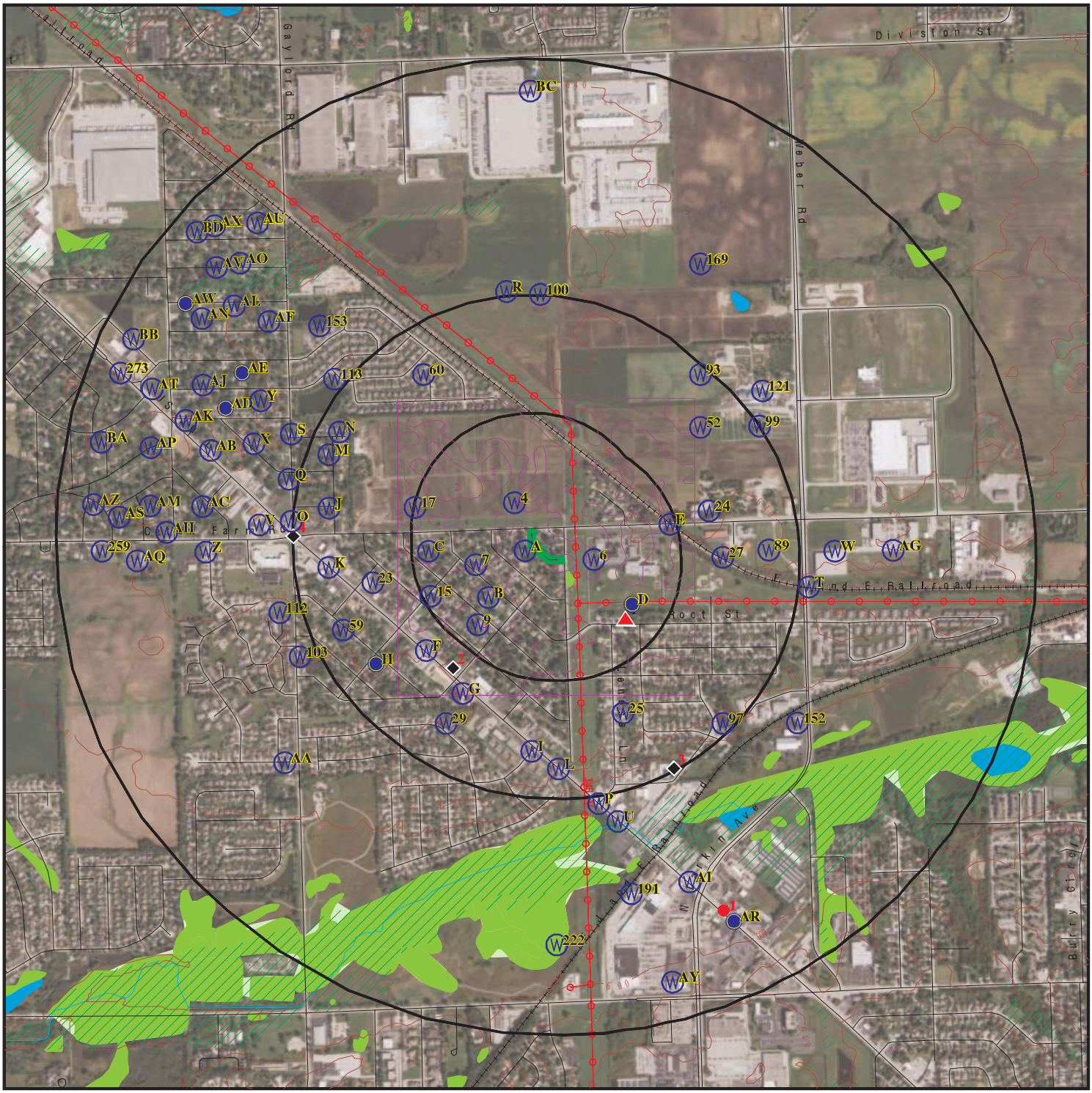
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CREST HILL		SE 1/8 - 1/4 (0.177 mi.)	1	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
CREST HILL, CITY OF	NPDES
QUICK RUN CREST HILL	UST

OVERVIEW MAP - 7469530.9S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Crest Hill - Circle Green	CLIENT:	V3 Companies of IL, LTD
ADDRESS:	2323 Circle St Crest Hill IL 60403	CONTACT:	Jonathan D Shuptar
		INQUIRY #:	7469530.9s
LAT/LONG:	41.565322 / 88.132364	DATE:	October 13, 2023 11:08 am

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DETAIL MAP - 7469530.9S

0 1/16 1/8 1/4 Miles

- 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 - Circle Green	CLIENT:	V3 Companies of IL, LTD
ADDRESS:	2323 Circle St Crest Hill IL 60403	CONTACT:	Jonathan D Shuptar
		INQUIRY #:	7469530.9s
LAT/LONG:	41.565322 / 88.132364	DATE:	October 13, 2023 11:09 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
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	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
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	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
SSU	1.000		0	0	0	0	NR	0
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0
CCDD	0.500		0	0	0	NR	NR	0
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								
LUST	0.500		0	0	3	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
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								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
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								
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		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
SPILLS 90		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	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
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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	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	0	NR	NR	NR	0
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	TP		NR	NR	NR	NR	NR	0
PFAS	0.250		0	1	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
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
BOL	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HWAR	TP		NR	NR	NR	NR	NR	0
IMPDMENT	0.500		0	0	0	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PIMW	0.250		0	0	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	0	1	3	0	0	4

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
SE
1/8-1/4
0.177 mi.
935 ft.

CREST HILL
, IL

PFAS **S128615520**
N/A

Relative:
Higher

Actual:
633 ft.

PFAS:

System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUOROBUTANESULFONIC ACID (PFBS)
Code:	2801
Concentration MSR:	3.70000000
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.12879699999

System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUOROHEPTANOIC ACID (PFHPA)
Code:	2802
Concentration MSR:	0
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.12879699999

System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUOROHEXANE SULFONIC ACID (PFHXS)
Code:	2803
Concentration MSR:	0
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.12879699999

System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL

CREST HILL (Continued) **S128615520**

Class Code:	PFAS
Alternate Name:	PERFLUOROCTANOIC ACID (PFOA)
Code:	2806
Concentration MSR:	0
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.12879699999
System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUOROHEXANOIC ACID (PFHXA)
Code:	2809
Concentration MSR:	0
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.12879699999
System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUOROUNDECANOIC ACID (PFUNA)
Code:	2812
Concentration MSR:	0
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.12879699999
System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUORONONANOIC ACID (PFNA)
Code:	2804
Concentration MSR:	0
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021

CREST HILL (Continued) **S128615520**

Latitude:	41.563262999999
Longitude:	-88.12879699999
System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUOROCTANE SULFONIC ACID (PFOS)
Code:	2805
Concentration MSR:	0
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.12879699999
System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUORODODECANOIC ACID (PFDOA)
Code:	2808
Concentration MSR:	0
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.12879699999
System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUORODECANOIC ACID (PFDA)
Code:	2807
Concentration MSR:	0
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.12879699999
System Number:	IL1970250
Name:	CREST HILL
Address:	Not reported
City,State,Zip:	IL
Class Code:	PFAS
Alternate Name:	PERFLUOROTRIDECANOIC ACID (PFTRDA)

CREST HILL (Continued) **S128615520**

Code:	2811
Concentration MSR:	0
UOM Code:	NG/L
Assigned Ident Code:	TP07
Ident Code:	TP07
Assigned ID:	4868635
End Date:	04/05/2021
Latitude:	41.563262999999
Longitude:	-88.12879699999

Click this hyperlink while viewing on your computer to access
184 additional IL PFAS: record(s) in the EDR Site Report.

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2 SW 1/4-1/2 0.301 mi. 1590 ft. **EMRO MARKETING 7008-FORMERLY**
2200 PLAINFIELD RD
CREST HILL, IL 60403

Database(s): LUST, RCRA NonGen / NLR, FINDS, ECHO, BOL
EDR ID Number: 1000463176
EPA ID Number: ILD984816439

Relative: Lower
Actual: 621 ft.

LUST:

Name:	EMRO MARKETING
Address:	2200 PLAINFIELD RD.
City,State,Zip:	CREST HILL, IL 60435
Incident Num:	910142
IL EPA Id:	1970255012
Product:	Gasoline
IEMA Date:	1991-01-16
Project Manager:	Hollis
Project Manager Phone:	Not reported
Email:	Not reported
PRP Name:	Emro Marketing
PRP Contact:	R.G. Schumann
PRP Address:	P.O. Box 162
PRP City,St,Zip:	East Hazel Crest, IL 60429-0162
PRP Phone:	Not reported
Site Classification:	Not reported
Section 57.5(g) Letter:	731
Date Section 57.5(g) Letter:	Not reported
Non LUST Determination Letter:	Not reported
20 Report Received:	1992-03-09
45 Report Received:	1992-03-09
No Further Remediation Letter:	**1993-12-20**
No Further Remediation Date Recorded:	Not reported
Heating Oil Date:	Not reported
Non-Lust LR Date:	Not reported

RCRA Listings:

Date Form Received by Agency:	20050524
Handler Name:	Emro Marketing Unit 7008
Handler Address:	2200 PLAINFIELD RD
Handler City,State,Zip:	CREST HILL, IL 60435
EPA ID:	ILD984816439
Contact Name:	G POOLE
Contact Address:	P O BOX 162
Contact City,State,Zip:	HAZELCREST, IL 60429
Contact Telephone:	708-335-0600
Contact Fax:	Not reported

EMRO MARKETING 7008-FORMERLY (Continued) **1000463176**

Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	05
Land Type:	Other
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:	P O BOX 162
Mailing City,State,Zip:	HAZELCREST, IL 60429
Owner Name:	Emro Marketing
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:	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

EMRO MARKETING 7008-FORMERLY (Continued) **1000463176**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: EMRO MARKETING
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

Owner/Operator Indicator: Owner
Owner/Operator Name: EMRO MARKETING
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: 19910211
Handler Name: EMRO MARKETING UNIT 7008
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: 20050524
Handler Name: EMRO MARKETING UNIT 7008
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: Not reported
Electronic Manifest Broker: Not reported

EMRO MARKETING 7008-FORMERLY (Continued) **1000463176**

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: 110009377619

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: 1000463176
Registry ID: 110009377619
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009377619
Name: EMRO MARKETING 7008-FORMERLY
Address: 2200 PLAINFIELD RD
City,State,Zip: CREST HILL, IL 60403

BOL:
Name: EMRO MARKETING 7008-FORMERLY
Address: 2200 PLAINFIELD
City,State,Zip: CREST HILL, IL 60435
Site Id: 170000393483
Inv Num: 1970255012
Interest Name: Emro Marketing 7008-formerly
Interest Type: BOL
Media Code: LAND
Latitude: 41.561470
Longitude: -88.135960

Name: EMRO MARKETING 7008-FORMERLY
Address: 2200 PLAINFIELD
City,State,Zip: CREST HILL, IL 60435

EMRO MARKETING 7008-FORMERLY (Continued) **1000463176**

Site Id: 170000393483
Inv Num: 1970255012
Interest Name: Emro Marketing 7008-formerly
Interest Type: LUST
Media Code: LAND
Latitude: 41.561470
Longitude: -88.135960

Name: EMRO MARKETING 7008-FORMERLY
Address: 2200 PLAINFIELD
City,State,Zip: CREST HILL, IL 60435
Site Id: 170000393483
Inv Num: 1970255012
Interest Name: Emro Marketing 7008-formerly
Interest Type: RCRA
Media Code: LAND
Latitude: 41.561470
Longitude: -88.135960

---

3 **CONNELLY ICE CREAM** **LUST U003671349**
SSE **1914 DON MAUR** **UST N/A**
1/4-1/2 **CREST HILL, IL 60435**
0.495 mi.
2611 ft.

Relative:
Lower

Actual:
593 ft.

LUST:
Name: CONNELLY'S ICE CREAM
Address: 1914 DON MAUR DRIVE
City,State,Zip: CREST HILL, IL 60435
Incident Num: 991591
IL EPA Id: 1970255035
Product: Gasoline, Diesel
IEMA Date: 1999-07-01
Project Manager: Schwartzkopf
Project Manager Phone: Not reported
Email: Not reported
PRP Name: Connelly's Ice Cream
PRP Contact: Walter Connelly
PRP Address: 1914 Don Maur Drive
PRP City,St,Zip: Crest Hill, IL 60435
PRP Phone: 8157291954
Site Classification: Not reported
Section 57.5(g) Letter: 732
Date Section 57.5(g) Letter: Not reported
Non LUST Determination Letter: Not reported
20 Report Received: 1999-10-22
45 Report Received: 1999-12-15
No Further Remediation Letter: 2005-09-06
No Further Remediation Date Recorded:2005-10-18
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

UST:
Name: CONNELLY ICE CREAM
Address: 1914 DON MAUR
City: CREST HILL
Zip: 60435

CONNELLY ICE CREAM (Continued) **U003671349**

Facility ID:	2038866
Facility Status:	EXEMPT
Facility Type:	**NONE**
Owner Id:	U0028674
Owner Name:	Walter Connelly
Owner Address:	1914 Don Maur
Owner City,St,Zip:	Crest Hill, IL 60435
Tank Number:	1
Tank Status:	**Removed**
Tank Capacity:	1000
Tank Substance:	Gasoline
Last Used Date:	Not reported
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:	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:	99-1591
Equipment Type:	Not reported
Equipment:	Not reported
Last Passing Date:	Not reported
Test Expire Date:	Not reported
Removed Date:	7/1/1999
Abandoned Date:	Not reported

Tank Number:	2
Tank Status:	**Removed**
Tank Capacity:	1000
Tank Substance:	Gasoline
Last Used Date:	Not reported
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:	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:	7/1/1999
Abandoned Date:	Not reported

4
West
1/4-1/2
0.498 mi.
2632 ft.

AMOCO OIL CO. #15795
RT. 30 & CATON FARM RD.
CREST HILL, IL 60435

LUST **S104004821**
N/A

Relative:
Lower

Actual:
626 ft.

LUST:

Name:	AMOCO OIL CO. #15795
Address:	RT. 30 & CATON FARM RD.
City,State,Zip:	CREST HILL, IL 60435
Incident Num:	921518
IL EPA Id:	1970255015
Product:	Gasoline
IEMA Date:	1992-06-05
Project Manager:	Rahman
Project Manager Phone:	Not reported
Email:	Not reported
PRP Name:	Amoco Oil Co.
PRP Contact:	Lyle Bruce
PRP Address:	28100 Torch Pkwy., 6-S
PRP City,St,Zip:	Warrenville, IL 60555
PRP Phone:	Not reported
Site Classification:	Not reported
Section 57.5(g) Letter:	731
Date Section 57.5(g) Letter:	Not reported
Non LUST Determination Letter:	Not reported
20 Report Received:	1992-07-21
45 Report Received:	1992-07-20
No Further Remediation Letter:	**2000-04-10**
No Further Remediation Date Recorded:	2000-09-05
Heating Oil Date:	Not reported
Non-Lust LR Date:	Not reported

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CREST HILL	U004367464	QUICK RUN CREST HILL	201 CATON FARM RD.	60403	UST
CREST HILL	S116493147	CREST HILL, CITY OF	CATON FARM ROAD & BROADWAY ST	60435	NPDES

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Homes & Centers Listing
Source: Department of Children & Family Services
Telephone: 312-814-4150

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Illinois State Geological Survey
Telephone: 217-333-4747

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

CREST HILL - CIRCLE GREEN
2323 CIRCLE ST
CREST HILL, IL 60403

TARGET PROPERTY COORDINATES

Latitude (North):	41.565322 - 41° 33' 55.16''
Longitude (West):	88.132364 - 88° 7' 56.51''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	405581.5
UTM Y (Meters):	4601922.5
Elevation:	630 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	10705988 PLAINFIELD, IL
Version Date:	2018
East Map:	10705952 JOLIET, 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).

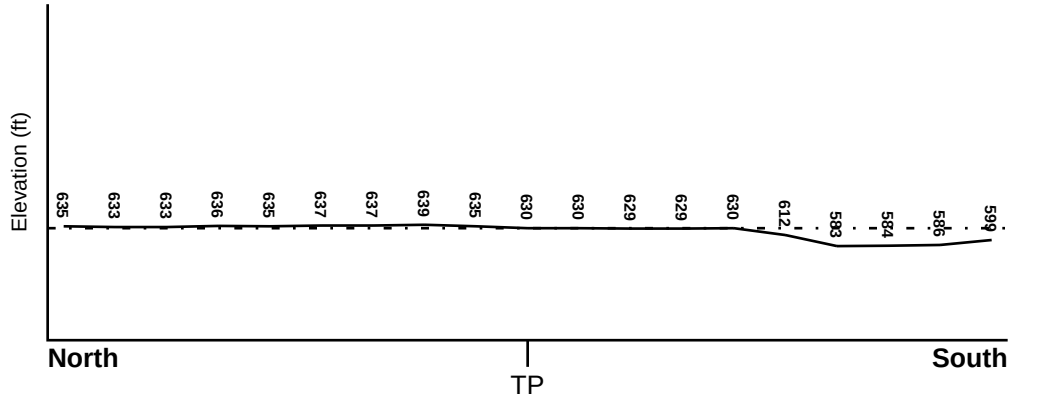
TOPOGRAPHIC INFORMATION

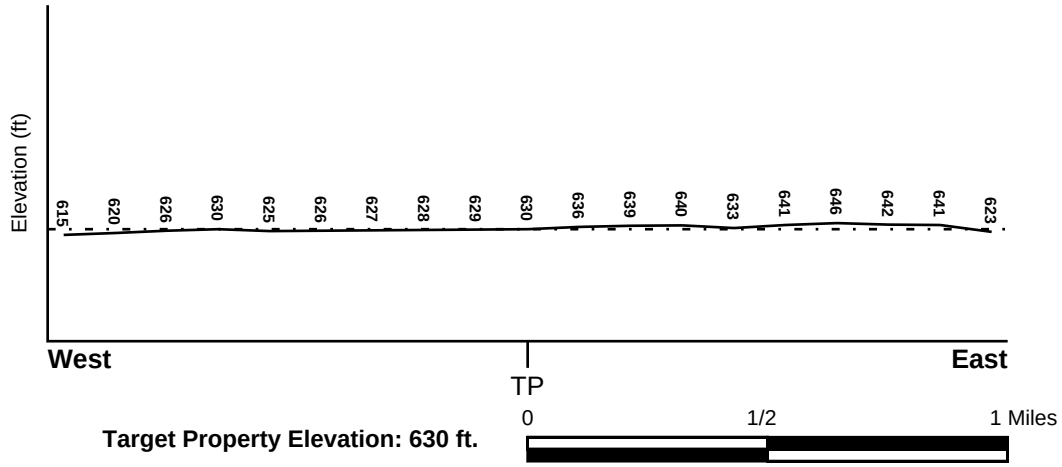
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





0 1/2 1 Miles

Target Property Elevation: 630 ft.

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
17197C0134E	FEMA Q3 Flood data

Additional Panels in search area:	FEMA Source Type
17197C0153E	FEMA Q3 Flood data
17197C0142E	FEMA Q3 Flood data
17197C0161E	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PLAINFIELD	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

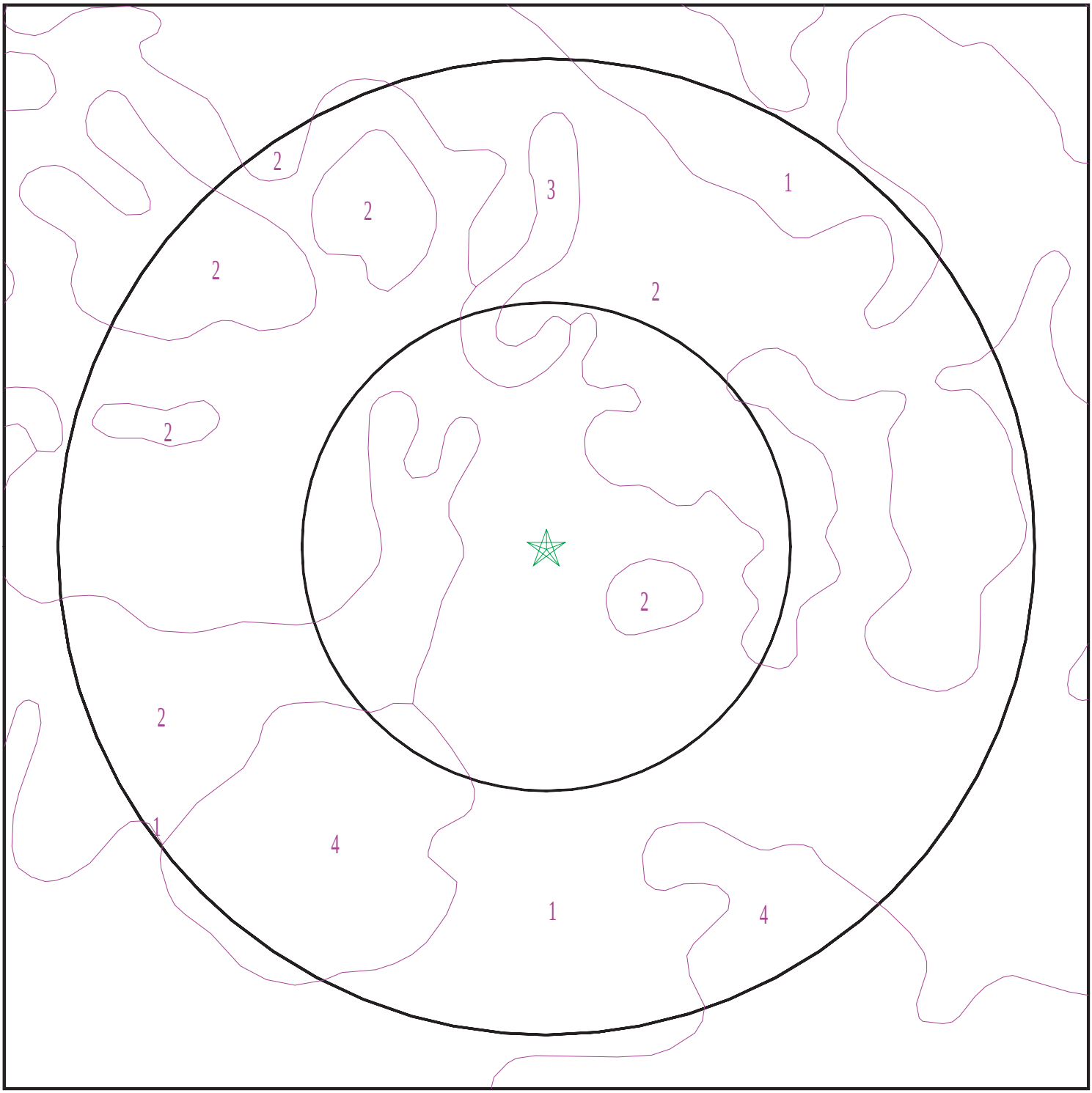
Era:	Paleozoic
System:	Silurian
Series:	Middle Silurian (Niagoaran)
Code:	S2 *(decoded above as Era, System & Series)*

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 - 7469530.9s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Crest Hill - Circle Green	CLIENT:	V3 Companies of IL, LTD
ADDRESS:	2323 Circle St Crest Hill IL 60403	CONTACT:	Jonathan D Shuptar
LAT/LONG:	41.565322 / 88.132364	INQUIRY #:	7469530.9s
		DATE:	October 13, 2023 11:10 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: 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
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: 2

Soil Component Name: Symerton

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: > 89 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	35 inches	38 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	14 inches	18 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	0 inches	14 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
4	18 inches	35 inches	gravelly 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
5	38 inches	59 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

Soil Map ID: 3

Soil Component Name: Symerton

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: > 79 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	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty 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	7 inches	31 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty 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	31 inches	40 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty 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	40 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty 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: 4

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
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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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
D11	USGS40000298676	1/8 - 1/4 Mile ESE
H26	USGS40000298672	1/4 - 1/2 Mile WSW
AE171	USGS40000298688	1/2 - 1 Mile WNW
AD182	USGS40000298687	1/2 - 1 Mile WNW
AW253	USGS40000298692	1/2 - 1 Mile NW
AR255	USGS40000298649	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D12	IL1970250	1/8 - 1/4 Mile ESE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	ILPW56003	0 - 1/8 Mile NNW
A2	ILSG40000345585	0 - 1/8 Mile SSW
A3	ILSG40000345577	0 - 1/8 Mile West
4	ILSG40000333245	0 - 1/8 Mile NNW
B5	ILSG40000345575	0 - 1/8 Mile SW
6	ILSG40000345580	0 - 1/8 Mile East
7	ILSG40000345578	1/8 - 1/4 Mile WSW
B8	ILSG40000345590	1/8 - 1/4 Mile SW
9	ILSG40000345581	1/8 - 1/4 Mile SW
C10	ILSG40000345579	1/8 - 1/4 Mile West
D13	ILEPAC700002180	1/8 - 1/4 Mile SE
C14	ILPW56005	1/8 - 1/4 Mile West
15	ILSG40000345576	1/8 - 1/4 Mile WSW
E16	ILSG40000356277	1/4 - 1/2 Mile East
17	ILSG40000339993	1/4 - 1/2 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E18	ILSG40000356276	1/4 - 1/2 Mile ENE
F19	ILSG40000345582	1/4 - 1/2 Mile SW
F20	ILSG40000355635	1/4 - 1/2 Mile SW
G21	ILSG40000351414	1/4 - 1/2 Mile SSW
G22	ILEPANC70002747	1/4 - 1/2 Mile SSW
23	ILSG40000345586	1/4 - 1/2 Mile West
24	ILSG40000351732	1/4 - 1/2 Mile ENE
25	ILSG40000333693	1/4 - 1/2 Mile SSE
27	ILPW56033	1/4 - 1/2 Mile East
I28	ILSG40000355634	1/4 - 1/2 Mile South
29	ILPW56035	1/4 - 1/2 Mile SSW
I30	ILSG40000355665	1/4 - 1/2 Mile South
J31	ILSG40000354248	1/4 - 1/2 Mile West
I32	ILPW56020	1/4 - 1/2 Mile South
I33	ILPW56019	1/4 - 1/2 Mile South
I34	ILPW56024	1/4 - 1/2 Mile South
I35	ILPW56017	1/4 - 1/2 Mile South
I36	ILPW56018	1/4 - 1/2 Mile South
I37	ILPW56030	1/4 - 1/2 Mile South
I38	ILPW56027	1/4 - 1/2 Mile South
I39	ILPW56026	1/4 - 1/2 Mile South
I40	ILPW56025	1/4 - 1/2 Mile South
I41	ILPW56029	1/4 - 1/2 Mile South
I42	ILPW56031	1/4 - 1/2 Mile South
I43	ILPW56028	1/4 - 1/2 Mile South
I44	ILPW56022	1/4 - 1/2 Mile South
I45	ILPW56023	1/4 - 1/2 Mile South
I46	ILPW56021	1/4 - 1/2 Mile South
I47	ILPW56016	1/4 - 1/2 Mile South
I48	ILSG40000355664	1/4 - 1/2 Mile South
J49	ILSG40000352092	1/4 - 1/2 Mile WNW
K50	ILPW56037	1/4 - 1/2 Mile West
H51	ILEPAC700002181	1/4 - 1/2 Mile SW
52	ILPW56000	1/4 - 1/2 Mile NE
H53	ILSG40000333682	1/4 - 1/2 Mile SW
I54	ILSG40000355663	1/4 - 1/2 Mile South
I55	ILSG40000355657	1/4 - 1/2 Mile South
J56	ILSG40000344160	1/4 - 1/2 Mile WNW
I57	ILSG40000355656	1/4 - 1/2 Mile South
L58	ILSG40000355662	1/4 - 1/2 Mile South
59	ILSG40000345589	1/4 - 1/2 Mile WSW
60	ILPW56006	1/4 - 1/2 Mile NNW
L61	ILSG40000355642	1/4 - 1/2 Mile South
K62	ILSG40000347671	1/4 - 1/2 Mile West
K63	ILSG40000347673	1/4 - 1/2 Mile West
K64	ILSG40000347672	1/4 - 1/2 Mile West
L65	ILSG40000355655	1/4 - 1/2 Mile South
L66	ILSG40000355661	1/4 - 1/2 Mile South
J67	ILSG40000348122	1/4 - 1/2 Mile West
J68	ILSG40000349055	1/4 - 1/2 Mile West
J69	ILSG40000347487	1/4 - 1/2 Mile West
J70	ILSG40000344159	1/4 - 1/2 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
J71	ILSG40000358187	1/4 - 1/2 Mile WNW
L72	ILSG40000345587	1/4 - 1/2 Mile South
L73	ILSG40000345591	1/4 - 1/2 Mile South
L74	ILSG40000345592	1/4 - 1/2 Mile South
L75	ILSG40000345588	1/4 - 1/2 Mile South
L76	ILSG40000345584	1/4 - 1/2 Mile South
L77	ILSG40000355654	1/4 - 1/2 Mile South
L78	ILSG40000355660	1/4 - 1/2 Mile South
M79	ILSG40000354336	1/4 - 1/2 Mile WNW
L80	ILSG40000355641	1/4 - 1/2 Mile South
L81	ILSG40000355653	1/4 - 1/2 Mile South
M82	ILSG40000354767	1/4 - 1/2 Mile WNW
L83	ILSG40000355659	1/4 - 1/2 Mile South
L84	ILSG40000355652	1/4 - 1/2 Mile South
N85	ILSG40000353397	1/4 - 1/2 Mile WNW
M86	ILSG40000347247	1/4 - 1/2 Mile WNW
L87	ILSG40000355658	1/4 - 1/2 Mile South
M88	ILSG40000339545	1/4 - 1/2 Mile WNW
89	ILSG40000337126	1/4 - 1/2 Mile East
J90	ILSG40000351645	1/4 - 1/2 Mile WNW
O91	ILSG40000346828	1/4 - 1/2 Mile West
N92	ILSG40000339992	1/2 - 1 Mile WNW
93	ILPW56001	1/2 - 1 Mile NE
P94	ILSG40000355651	1/2 - 1 Mile South
M95	ILSG40000345573	1/2 - 1 Mile WNW
P96	ILSG40000355650	1/2 - 1 Mile SSE
97	ILPW56032	1/2 - 1 Mile SE
Q98	ILSG40000358508	1/2 - 1 Mile WNW
99	ILSG40000347486	1/2 - 1 Mile ENE
100	ILSG40000356631	1/2 - 1 Mile North
P101	ILSG40000355649	1/2 - 1 Mile SSE
P102	ILSG40000355640	1/2 - 1 Mile SSE
103	ILSG40000345583	1/2 - 1 Mile WSW
O104	ILEPANC70001050	1/2 - 1 Mile West
R105	ILPW55998	1/2 - 1 Mile North
R106	ILPW55999	1/2 - 1 Mile North
R107	ILPW55997	1/2 - 1 Mile North
Q108	ILSG40000354168	1/2 - 1 Mile WNW
P109	ILSG40000355648	1/2 - 1 Mile SSE
P110	ILSG40000355633	1/2 - 1 Mile SSE
Q111	ILSG40000356049	1/2 - 1 Mile WNW
112	ILPW56038	1/2 - 1 Mile WSW
113	ILSG40000340736	1/2 - 1 Mile NW
S114	ILSG40000358186	1/2 - 1 Mile WNW
P115	ILSG40000355647	1/2 - 1 Mile SSE
P116	ILSG40000355639	1/2 - 1 Mile SSE
T117	ILSG40000356280	1/2 - 1 Mile East
T118	ILSG40000356279	1/2 - 1 Mile East
U119	ILSG40000355646	1/2 - 1 Mile SSE
V120	ILSG40000353753	1/2 - 1 Mile West
121	ILSG40000353888	1/2 - 1 Mile NE
V122	ILSG40000351389	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
V123	ILSG40000351386	1/2 - 1 Mile West
V124	ILSG40000334245	1/2 - 1 Mile West
V125	ILSG40000334431	1/2 - 1 Mile West
V126	ILSG40000339519	1/2 - 1 Mile West
V127	ILSG40000351388	1/2 - 1 Mile West
S128	ILSG40000354221	1/2 - 1 Mile WNW
U129	ILSG40000355645	1/2 - 1 Mile SSE
V130	ILPW56013	1/2 - 1 Mile West
V131	ILPW56007	1/2 - 1 Mile West
V132	ILPW56012	1/2 - 1 Mile West
V133	ILPW56014	1/2 - 1 Mile West
V134	ILPW56009	1/2 - 1 Mile West
V135	ILPW56008	1/2 - 1 Mile West
V136	ILPW56010	1/2 - 1 Mile West
V137	ILPW56011	1/2 - 1 Mile West
V138	ILSG40000349041	1/2 - 1 Mile WNW
U139	ILSG40000355644	1/2 - 1 Mile SSE
U140	ILSG40000355643	1/2 - 1 Mile SSE
W141	ILSG40000333810	1/2 - 1 Mile East
X142	ILSG40000343774	1/2 - 1 Mile WNW
X143	ILSG40000337412	1/2 - 1 Mile WNW
X144	ILSG40000345387	1/2 - 1 Mile WNW
X145	ILSG40000336203	1/2 - 1 Mile WNW
W146	ILPW56044	1/2 - 1 Mile East
V147	ILEPANC70001049	1/2 - 1 Mile West
Y148	ILSG40000352057	1/2 - 1 Mile WNW
Y149	ILSG40000355493	1/2 - 1 Mile WNW
X150	ILPW56015	1/2 - 1 Mile WNW
X151	ILSG40000351387	1/2 - 1 Mile WNW
152	ILSG40000341160	1/2 - 1 Mile ESE
153	ILSG40000340735	1/2 - 1 Mile NW
X154	ILEPANC70001048	1/2 - 1 Mile WNW
Y155	ILSG40000335066	1/2 - 1 Mile WNW
X156	ILSG40000343769	1/2 - 1 Mile WNW
Y157	ILSG40000334246	1/2 - 1 Mile WNW
Z158	ILPW55102	1/2 - 1 Mile West
Z159	ILPW55103	1/2 - 1 Mile West
Z160	ILPW55104	1/2 - 1 Mile West
Z161	ILPW55101	1/2 - 1 Mile West
Z162	ILPW55099	1/2 - 1 Mile West
Z163	ILPW55100	1/2 - 1 Mile West
AA164	ILEPAC700002164	1/2 - 1 Mile SW
AB165	ILSG40000354222	1/2 - 1 Mile WNW
AC166	ILSG40000358574	1/2 - 1 Mile West
Y167	ILEPAC700002171	1/2 - 1 Mile WNW
AC168	ILPW55105	1/2 - 1 Mile West
169	ILPW56002	1/2 - 1 Mile NNE
AD170	ILSG40000357991	1/2 - 1 Mile WNW
AA172	ILSG40000349727	1/2 - 1 Mile SW
AA173	ILSG40000333969	1/2 - 1 Mile SW
Z174	ILSG40000347480	1/2 - 1 Mile West
AF175	ILSG40000348098	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
Z176	ILEPANC70001052	1/2 - 1 Mile West
AB177	ILSG40000354373	1/2 - 1 Mile WNW
AB178	ILPW55107	1/2 - 1 Mile WNW
AB179	ILPW55106	1/2 - 1 Mile WNW
AD180	ILSG40000350542	1/2 - 1 Mile WNW
AB181	ILSG40000355636	1/2 - 1 Mile WNW
Z183	ILSG40000351393	1/2 - 1 Mile West
AB184	ILSG40000334032	1/2 - 1 Mile WNW
AB185	ILSG40000343778	1/2 - 1 Mile WNW
AG186	ILSG40000341110	1/2 - 1 Mile East
AD187	ILEPAC700002172	1/2 - 1 Mile WNW
AF188	ILSG40000339778	1/2 - 1 Mile NW
Z189	ILSG40000352989	1/2 - 1 Mile West
AF190	ILSG40000342500	1/2 - 1 Mile NW
191	ILSG40000333477	1/2 - 1 Mile SSE
AF192	ILSG40000358506	1/2 - 1 Mile NW
AC193	ILSG40000358301	1/2 - 1 Mile West
AG194	ILPW56043	1/2 - 1 Mile East
AE195	ILSG40000345358	1/2 - 1 Mile WNW
AH196	ILSG40000351792	1/2 - 1 Mile West
AI197	ILSG40000351070	1/2 - 1 Mile SSE
AI198	ILSG40000351073	1/2 - 1 Mile SSE
AF199	ILSG40000352152	1/2 - 1 Mile NW
AF200	ILSG40000349460	1/2 - 1 Mile NW
AJ201	ILPW55108	1/2 - 1 Mile WNW
AJ202	ILPW55109	1/2 - 1 Mile WNW
AI203	ILSG40000356553	1/2 - 1 Mile SSE
AI204	ILSG40000356557	1/2 - 1 Mile SSE
AI205	ILSG40000356560	1/2 - 1 Mile SSE
AH206	ILSG40000358573	1/2 - 1 Mile West
AK207	ILSG40000354764	1/2 - 1 Mile WNW
AJ208	ILSG40000338376	1/2 - 1 Mile WNW
AH209	ILSG40000349463	1/2 - 1 Mile West
AJ210	ILSG40000342878	1/2 - 1 Mile WNW
AL211	ILSG40000354351	1/2 - 1 Mile NW
AL212	ILSG40000345390	1/2 - 1 Mile NW
AK213	ILSG40000345698	1/2 - 1 Mile WNW
AM214	ILPW55121	1/2 - 1 Mile West
AM215	ILPW55120	1/2 - 1 Mile West
AL216	ILSG40000351644	1/2 - 1 Mile NW
AN217	ILSG40000353947	1/2 - 1 Mile NW
AH218	ILSG40000353322	1/2 - 1 Mile West
AO219	ILSG40000334237	1/2 - 1 Mile NW
AM220	ILSG40000349043	1/2 - 1 Mile West
AJ221	ILSG40000352581	1/2 - 1 Mile WNW
222	ILPW56034	1/2 - 1 Mile South
AL223	ILSG40000345351	1/2 - 1 Mile NW
AL224	ILSG40000345386	1/2 - 1 Mile NW
AL225	ILSG40000345336	1/2 - 1 Mile NW
AL226	ILSG40000345350	1/2 - 1 Mile NW
AL227	ILSG40000345406	1/2 - 1 Mile NW
AL228	ILSG40000345398	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AL229	ILSG40000345393	1/2 - 1 Mile NW
AP230	ILPW55122	1/2 - 1 Mile WNW
AQ231	ILEPANC70001051	1/2 - 1 Mile West
AM232	ILSG40000347826	1/2 - 1 Mile West
AQ233	ILSG40000351394	1/2 - 1 Mile West
AQ234	ILSG40000358331	1/2 - 1 Mile West
AR235	ILSG40000353787	1/2 - 1 Mile SSE
AP236	ILSG40000353564	1/2 - 1 Mile WNW
AS237	ILSG40000343773	1/2 - 1 Mile West
AN238	ILEPAC700002173	1/2 - 1 Mile NW
AT239	ILPW55124	1/2 - 1 Mile WNW
AT240	ILPW55123	1/2 - 1 Mile WNW
AO241	ILSG40000356048	1/2 - 1 Mile NW
AU242	ILSG40000340806	1/2 - 1 Mile NW
AO243	ILSG40000357109	1/2 - 1 Mile NW
AO244	ILSG40000357990	1/2 - 1 Mile NW
AS245	ILSG40000358066	1/2 - 1 Mile West
AO246	ILSG40000352862	1/2 - 1 Mile NW
AN247	ILSG40000350541	1/2 - 1 Mile NW
AU248	ILSG40000347684	1/2 - 1 Mile NW
AT249	ILSG40000340669	1/2 - 1 Mile WNW
AV250	ILPW55112	1/2 - 1 Mile NW
AV251	ILPW55111	1/2 - 1 Mile NW
AV252	ILPW55110	1/2 - 1 Mile NW
AS254	ILSG40000349042	1/2 - 1 Mile West
AW256	ILSG40000340666	1/2 - 1 Mile NW
AX257	ILSG40000351965	1/2 - 1 Mile NW
AV258	ILSG40000345348	1/2 - 1 Mile NW
259	ILPW55131	1/2 - 1 Mile West
AU260	ILSG40000347233	1/2 - 1 Mile NW
AU261	ILSG40000338954	1/2 - 1 Mile NW
AY262	ILSG40000358083	1/2 - 1 Mile SSE
AZ263	ILSG40000353395	1/2 - 1 Mile West
AU264	ILSG40000346423	1/2 - 1 Mile NW
AY265	ILSG40000358085	1/2 - 1 Mile SSE
BA266	ILSG40000334432	1/2 - 1 Mile WNW
BA267	ILPW55132	1/2 - 1 Mile WNW
BA268	ILPW55133	1/2 - 1 Mile WNW
AY269	ILSG40000358086	1/2 - 1 Mile SSE
AX270	ILSG40000357372	1/2 - 1 Mile NW
BB271	ILSG40000351390	1/2 - 1 Mile WNW
BC272	ILPW56004	1/2 - 1 Mile North
273	ILSG40000355637	1/2 - 1 Mile WNW
AZ274	ILSG40000343777	1/2 - 1 Mile West
AX275	ILSG40000341649	1/2 - 1 Mile NW
AY276	ILSG40000358087	1/2 - 1 Mile SSE
AX277	ILSG40000354063	1/2 - 1 Mile NW
BD278	ILSG40000343776	1/2 - 1 Mile NW
AY279	ILSG40000358084	1/2 - 1 Mile SSE
BB280	ILEPANC70001297	1/2 - 1 Mile WNW
AX281	ILSG40000350947	1/2 - 1 Mile NW
AX282	ILSG40000345396	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

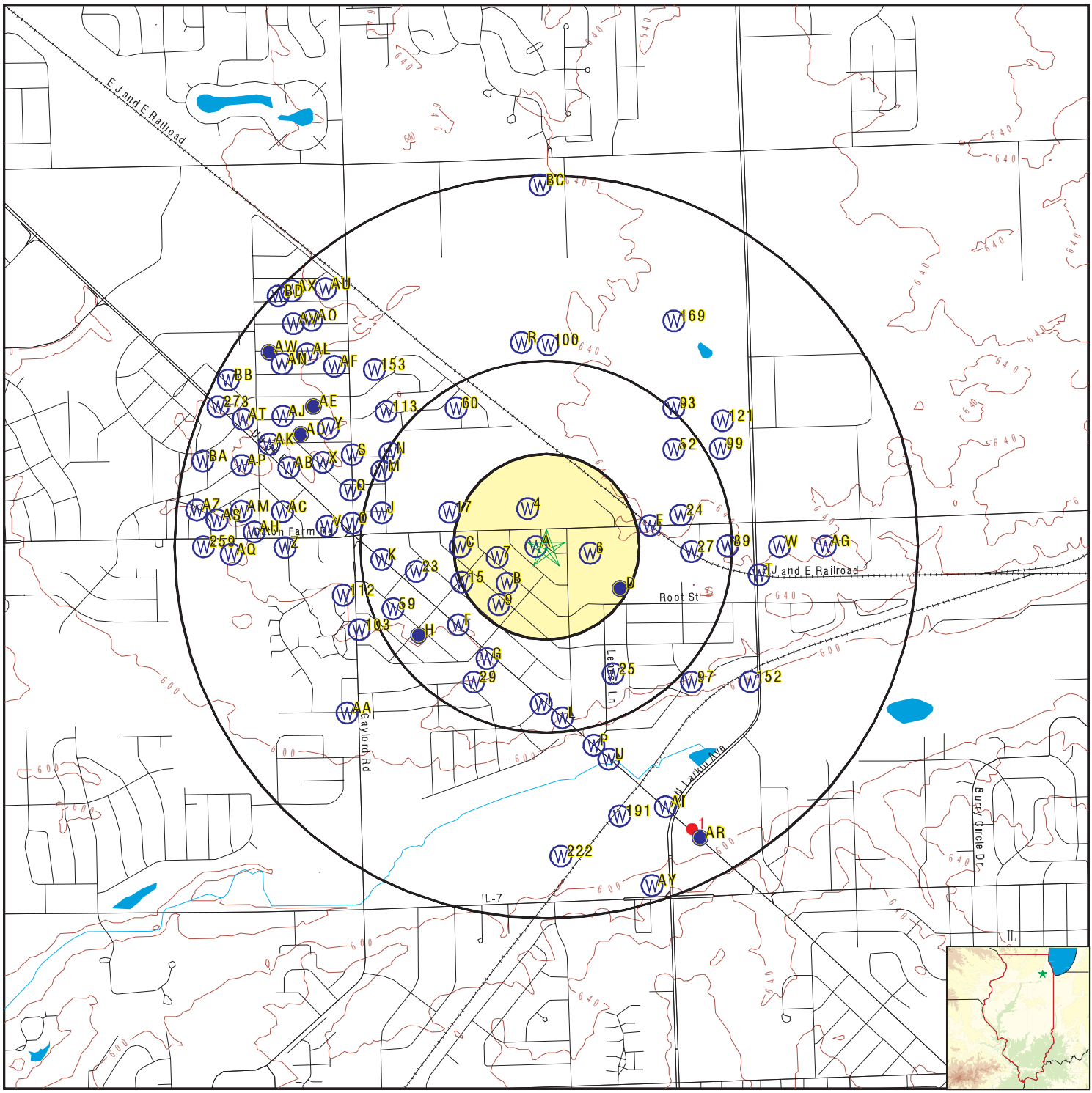
MAP ID	WELL ID	LOCATION FROM TP
AX283	ILPW55113	1/2 - 1 Mile NW
AX284	ILPW55114	1/2 - 1 Mile NW
AX285	ILPW55115	1/2 - 1 Mile NW
AX286	ILSG40000339976	1/2 - 1 Mile NW
BC287	ILSG40000349806	1/2 - 1 Mile North
BD288	ILSG40000347685	1/2 - 1 Mile NW
BD289	ILSG40000353326	1/2 - 1 Mile NW
BD290	ILSG40000339517	1/2 - 1 Mile NW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	ILOG30000196407	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 7469530.9s



- 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 - Circle Green	CLIENT:	V3 Companies of IL, LTD
ADDRESS:	2323 Circle St Crest Hill IL 60403	CONTACT:	Jonathan D Shuptar
		INQUIRY #:	7469530.9s
LAT/LONG:	41.565322 / 88.132364	DATE:	October 13, 2023 11:10 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
NNW
0 - 1/8 Mile
Higher

IL WELLS **ILPW56003**

Database:	Illinois Private Well Database and PICS		
Well ID:	56003	2nd ID:	Not Reported
Owner:	RODEGHERO R	Driller:	LOCKPORT
Date drilled:	07/04/1975	Permit:	|038892
Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

A2
SSW
0 - 1/8 Mile
Higher

IL WELLS **ILSG40000345585**

WELLS SGS:

Database:	Water Well Records	API #:	121973422500
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19370101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	631	Elevation Reference:	Not Reported
Total Depth:	107	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422500		

A3
West
0 - 1/8 Mile
Higher

IL WELLS **ILSG40000345577**

WELLS SGS:

Database:	Water Well Records	API #:	121973421700
IL SWSP #:	158371	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:	117	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	8		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973421700		

4
NNW
0 - 1/8 Mile
Higher

IL WELLS **ILSG40000333245**

WELLS SGS:

Database:	Water Well Records	API #:	121970032400
IL SWSP #:	158359	Status:	Water Well

Date Drilled:	19570101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Will County Well & Pump
Elevation:	630	Elevation Reference:	Ground level
Total Depth:	100	Lithologic Formation:	limestone
Top of Formation (ft):	31	Bottom of Formation (ft):	100
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970032400		

B5
SW
0 - 1/8 Mile
Higher

IL WELLS **ILSG40000345575**

WELLS SGS:

Database:	Water Well Records	API #:	121973421500
IL SWSP #:	160583	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:	82	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	8		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973421500		

6
East
0 - 1/8 Mile
Higher

IL WELLS **ILSG40000345580**

WELLS SGS:

Database:	Water Well Records	API #:	121973422000
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19360101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	85	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&121973422000		

7
WSW
1/8 - 1/4 Mile
Higher

IL WELLS **ILSG40000345578**

WELLS SGS:

Database:	Water Well Records	API #:	121973421800
IL SWSP #:	158372	Status:	Water Well
Date Drilled:	19400101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	630	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&121973421800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B8
SW | **IL WELLS** | **ILSG40000345590**
1/8 - 1/4 Mile
Higher

WELLS SGS:

Database:	Water Well Records	API #:	121973423000
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:	98	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	8		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423000		

9
SW | **IL WELLS** | **ILSG40000345581**
1/8 - 1/4 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121973422100
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19410101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	630	Elevation Reference:	Not Reported
Total Depth:	129	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&121973422100		

C10
West | **IL WELLS** | **ILSG40000345579**
1/8 - 1/4 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121973421900
IL SWSP #:	158372	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:	100	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	9		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973421900		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

D11
ESE
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000298676**

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N10E-31.3g1	Type:	Well
Description:	Not Reported	HUC:	07090003
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:	Not Reported
Well Depth:	310	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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D12
ESE
1/8 - 1/4 Mile
Higher

FRDS PWS **IL1970250**

Epa region:	05	State:	IL
Pwsid:	IL1970250	Pwsname:	CREST HILL
Cityserved:	Not Reported	Stateserved:	IL
Zipserved:	Not Reported	Fipscounty:	17197
Status:	Active	Retpopsrvd:	14889
Pwssvcconn:	6405	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Local_Govt
Contact:	SOLIMAN, RAYMOND R.	Contactorgname:	SOLIMAN, RAYMOND R.
Contactphone:	815-741-5105	Contactaddress1:	CITY OF CREST HILL
Contactaddress2:	1610 PLAINFIELD RD	Contactcity:	CREST HILL
Contactstate:	IL	Contactzip:	60403
Pwsactivitycode:	A		

Pwsid:	IL1970250	Facid:	17529
Facname:	TP 07-WELL 9	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17529
Facname:	TP 07-WELL 9	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	corrosion control
Trtprocess:	inhibitor, polyphosphate	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17529
Facname:	TP 07-WELL 9	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17529
Facname:	TP 07-WELL 9	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	aeration, packed tower	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17529
Facname:	TP 07-WELL 9	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17529
Facname:	TP 07-WELL 9	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		

Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	aeration, packed tower	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		

Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17530
Facname:	TP 01-WELL 1	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	aeration, packed tower	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP

Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		

Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17532
Facname:	TP 03-WELL 4	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17533
Facname:	TP 04-WELL 6 ABANDONDED	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17533
Facname:	TP 04-WELL 6 ABANDONDED	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17533
Facname:	TP 04-WELL 6 ABANDONDED	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17533
Facname:	TP 04-WELL 6 ABANDONDED	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	iron removal
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17533
Facname:	TP 04-WELL 6 ABANDONDED	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17534
Facname:	TP 05-WELL 7	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17534
Facname:	TP 05-WELL 7	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17534
Facname:	TP 05-WELL 7	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17535
Facname:	TP 06-WELL 8	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	17535
Facname:	TP 06-WELL 8	Factype:	Treatment_plant

Facactivitycode: A
Trtprocess: aeration, packed tower
Trtobjective: iron removal
Factypecode: TP

Pwsid: IL1970250
Facname: TP 06-WELL 8
Facactivitycode: A
Trtprocess: filtration, rapid sand
Facid: 17535
Factype: Treatment_plant
Trtobjective: iron removal
Factypecode: TP

Pwsid: IL1970250
Facname: TP 06-WELL 8
Facactivitycode: A
Trtprocess: gaseous chlorination, post
Factypecode: TP
Facid: 17535
Factype: Treatment_plant
Trtobjective: disinfection

Pwsid: IL1970250
Facname: TP 06-WELL 8
Facactivitycode: A
Trtprocess: gaseous chlorination, pre
Facid: 17535
Factype: Treatment_plant
Trtobjective: disinfection
Factypecode: TP

Pwsid: IL1970250
Facname: TP 06-WELL 8
Facactivitycode: A
Trtprocess: gaseous chlorination, pre
Facid: 17535
Factype: Treatment_plant
Trtobjective: iron removal
Factypecode: TP

Pwsid: IL1970250
Facname: TP 06-WELL 8
Facactivitycode: A
Trtprocess: sequestration
Facid: 17535
Factype: Treatment_plant
Trtobjective: iron removal
Factypecode: TP

Pwsid: IL1970250
Facname: TP 08-WELL 10
Facactivitycode: A
Trtprocess: gaseous chlorination, pre
Facid: 33289
Factype: Treatment_plant
Trtobjective: disinfection
Factypecode: TP

Pwsid: IL1970250
Facname: TP 08-WELL 10
Facactivitycode: A
Trtprocess: fluoridation
Facid: 33289
Factype: Treatment_plant
Trtobjective: other
Factypecode: TP

Pwsid: IL1970250
Facname: TP 08-WELL 10
Facactivitycode: A
Trtprocess: inhibitor, polyphosphate
Facid: 33289
Factype: Treatment_plant
Trtobjective: corrosion control
Factypecode: TP

Pwsid: IL1970250
Facname: TP 08-WELL 10
Facactivitycode: A
Trtprocess: aeration, packed tower
Facid: 33289
Factype: Treatment_plant
Trtobjective: iron removal
Factypecode: TP

Pwsid: IL1970250
Facname: TP 08-WELL 10
Facactivitycode: A
Trtprocess: filtration, rapid sand
Facid: 33289
Factype: Treatment_plant
Trtobjective: iron removal
Factypecode: TP

Pwsid: IL1970250
Facname: TP 08-WELL 10
Facactivitycode: A
Trtprocess: gaseous chlorination, post
Factypecode: TP
Facid: 33289
Factype: Treatment_plant
Trtobjective: disinfection

Pwsid: IL1970250
Facname: TP 08-WELL 10
Facid: 33289
Factype: Treatment_plant

Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33289
Facname:	TP 08-WELL 10	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	aeration, packed tower	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	filtration, rapid sand	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		
Pwsid:	IL1970250	Facid:	33290
Facname:	TP 09-WELL 11	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	iron removal
Trtprocess:	gaseous chlorination, pre	Factypecode:	TP
PWS ID:	IL1970250	PWS name:	CREST HILL
Address:	Not Reported	Care of:	Not Reported
City:	CREST HILL	State:	IL
Zip:	60435	Owner:	CREST HILL
Source code:	Ground water	Population:	9770
PWS ID:	IL1970250	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 name:	CREST HILL
PWS type code:	C	Retail population served:	14889
Contact:	ROBERTS, JOHN	Contact address:	CITY HALL
Contact address:	1610 PLAINFIELD RD	Contact city:	CREST HILL
Contact state:	IL	Contact zip:	60435
Contact telephone:	815-723-8671		
County:	WILL	Source:	Ground water
Treatment Objective:	DISINFECTION	Process:	GASEOUS CHLORINATION, PRE

Population:	9770		
County:	WILL	Source:	Ground water
Treatment Objective:	Z	Process:	FLUORIDATION
Population:	9770		
PWS ID:	IL1970250	Activity status:	Active
Date system activated:	6301	Date system deactivated:	Not Reported
Retail population:	00010643	System name:	CREST HILL
System address:	Not Reported	System city:	CREST HILL
System state:	IL	System zip:	60435
County FIPS:	Not Reported	City served:	CREST HILL
Population served:	10,001 - 50,000 Persons	Treatment:	Treated
Latitude:	413333	Longitude:	0880710
Latitude:	413313	Longitude:	0880726
Latitude:	413344	Longitude:	0880819
Latitude:	413340	Longitude:	0880552
State:	IL	Latitude degrees:	41
Latitude minutes:	33	Latitude seconds:	13.0000
Longitude degrees:	88	Longitude minutes:	7
Longitude seconds:	26.0000		
State:	IL	Latitude degrees:	41
Latitude minutes:	33	Latitude seconds:	33.0000
Longitude degrees:	88	Longitude minutes:	7
Longitude seconds:	10.0000		
State:	IL	Latitude degrees:	41
Latitude minutes:	33	Latitude seconds:	40.0000
Longitude degrees:	88	Longitude minutes:	5
Longitude seconds:	52.0000		
State:	IL	Latitude degrees:	41
Latitude minutes:	33	Latitude seconds:	44.0000
Longitude degrees:	88	Longitude minutes:	8
Longitude seconds:	19.0000		
State:	IL	Latitude degrees:	41
Latitude minutes:	33	Latitude seconds:	50.0000
Longitude degrees:	88	Longitude minutes:	7
Longitude seconds:	42.0000		
Violation id:	2199093	Orig code:	S
State:	IL	Violation Year:	1993
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	65	Violation name:	Public Education
Rule code:	350	Rule name:	LCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/1993
Cmp edt:	Not Reported		
Violation id:	5315901	Orig code:	S
State:	IL	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)

Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2001
Cmp edt:	01/31/2001		

Violation id:	5350201	Orig code:	S
State:	IL	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2001
Cmp edt:	04/30/2001		

Violation id:	7177006	Orig code:	S
State:	IL	Violation Year:	2005
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	52	Violation name:	Follow-up Or Routine LCR Tap M/R
Rule code:	350	Rule name:	LCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2005
Cmp edt:	Not Reported		

Violation id:	7177212	Orig code:	S
State:	IL	Violation Year:	2013
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2013
Cmp edt:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9325412	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	LEAD & COPPER RULE
Violation type:	OCCT Study Recommendation	Violation start date:	090293
Violation end date:	030194	Violation period (months):	006
Violation awareness date:	Not Reported	Major violator:	Not Reported
Maximum contaminant level:	Not Reported	Number of required samples:	Not Reported
Number of samples taken:	Not Reported	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9321990	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	LEAD & COPPER RULE
Violation type:	Public Education	Violation start date:	070193
Violation end date:	063094	Violation period (months):	012
Violation awareness date:	Not Reported	Major violator:	Not Reported
Maximum contaminant level:	Not Reported	Number of required samples:	Not Reported
Number of samples taken:	Not Reported	Analysis method:	Not Reported
Analysis result:	Not Reported		

Violation ID:	5315901	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	03/15/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		

Violation ID:	5315901	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	03/15/2001
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

Violation ID: 5350201 Orig Code: S
Enforcemnt FY: 2001 Enforcement Action: 06/15/2001
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Informal

Violation ID: 5350201 Orig Code: S
Enforcemnt FY: 2001 Enforcement Action: 06/15/2001
Enforcement Detail: St Public Notif requested Enforcement Category: Informal

Violation ID: 7177006 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 12/19/2005
Enforcement Detail: St Public Notif requested Enforcement Category: Informal

Violation ID: 7177006 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 12/19/2005
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Informal

Violation ID: 7177006 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 07/10/2006
Enforcement Detail: St Public Notif received Enforcement Category: Informal

Violation ID: 7177006 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 06/13/2006
Enforcement Detail: St Compliance achieved Enforcement Category: Resolving

Violation ID: 7177212 Orig Code: S
Enforcemnt FY: 2013 Enforcement Action: 07/31/2013
Enforcement Detail: St Compliance achieved Enforcement Category: Resolving

Violation ID: 7177212 Orig Code: S
Enforcemnt FY: 2013 Enforcement Action: 07/25/2013
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Informal

PWS name: CREST HILL Population served: 14889
PWS type code: C Violation ID: 5315901
Contaminant: COLIFORM (TCR)
Violation type: Max Contaminant Level, Monthly (TCR)
Compliance start date: 1/1/2001 0:00:00 Compliance end date: 1/31/2001 0:00:00
Enforcement date: 3/15/2001 0:00:00 Enforcement action: State Violation/Reminder Notice
Violation measurement: Not Reported

PWS name: CREST HILL Population served: 14889
PWS type code: C Violation ID: 5315901
Contaminant: COLIFORM (TCR)
Violation type: Max Contaminant Level, Monthly (TCR)
Compliance start date: 1/1/2001 0:00:00 Compliance end date: 1/31/2001 0:00:00
Enforcement date: 3/15/2001 0:00:00 Enforcement action: State Public Notif Requested
Violation measurement: Not Reported

PWS name: CREST HILL Population served: 14889
PWS type code: C Violation ID: 5350201
Contaminant: COLIFORM (TCR)
Violation type: Max Contaminant Level, Monthly (TCR)
Compliance start date: 4/1/2001 0:00:00 Compliance end date: 4/30/2001 0:00:00
Enforcement date: 6/15/2001 0:00:00 Enforcement action: State Violation/Reminder Notice
Violation measurement: Not Reported

PWS name: CREST HILL Population served: 14889
PWS type code: C Violation ID: 5350201
Contaminant: COLIFORM (TCR)

Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	4/1/2001 0:00:00	Compliance end date:	4/30/2001 0:00:00
Enforcement date:	6/15/2001 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	CREST HILL	Population served:	14889
PWS type code:	C	Violation ID:	7177006
Contaminant:	LEAD & COPPER RULE	Violation type:	Follow-up and Routine Tap Sampling
Compliance start date:	10/1/2005 0:00:00	Compliance end date:	6/13/2006 0:00:00
Enforcement date:	12/19/2005 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	CREST HILL	Population served:	14889
PWS type code:	C	Violation ID:	7177006
Contaminant:	LEAD & COPPER RULE	Violation type:	Follow-up and Routine Tap Sampling
Compliance start date:	10/1/2005 0:00:00	Compliance end date:	6/13/2006 0:00:00
Enforcement date:	12/19/2005 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	CREST HILL	Population served:	14889
PWS type code:	C	Violation ID:	7177006
Contaminant:	LEAD & COPPER RULE	Violation type:	Follow-up and Routine Tap Sampling
Compliance start date:	10/1/2005 0:00:00	Compliance end date:	6/13/2006 0:00:00
Enforcement date:	6/13/2006 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		

PWS name:	CREST HILL	Population served:	14889
PWS type code:	C	Violation ID:	7177006
Contaminant:	LEAD & COPPER RULE	Violation type:	Follow-up and Routine Tap Sampling
Compliance start date:	10/1/2005 0:00:00	Compliance end date:	6/13/2006 0:00:00
Enforcement date:	7/10/2006 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		

D13
SE
1/8 - 1/4 Mile
Higher

IL WELLS **ILEPAC700002180**

WELLS EPA:

Well ID:	20448	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):	0	Well Depth:	310
Ambient Sampling Netwk Stat:	2	EPA Facility Status:	Active
SDWIS Well ID:	WL20448	SDWIS Facility #:	IL1970250
API #:	121970130500		

C14
West
1/8 - 1/4 Mile
Lower

IL WELLS **ILPW56005**

Database:	Illinois Private Well Database and PICS		
Well ID:	56005	2nd ID:	28423
Owner:	NEUMANNS NURSERY	Driller:	LOCKPORT
Date drilled:	06/25/1985	Permit:	|118342
Depth:	155	Record type:	RG

Well Use:	Commerical	Well Type:	~~
Aquifer type:	~~		

15
WSW **IL WELLS** **ILSG40000345576**
1/8 - 1/4 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121973421600
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19420701050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Ground level
Total Depth:	89	Lithologic Formation:	Not Reported
Top of Formation (ft):	49	Bottom of Formation (ft):	0
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973421600		

E16
East **IL WELLS** **ILSG40000356277**
1/4 - 1/2 Mile
Higher

WELLS SGS:

Database:	Water Well Records	API #:	121974489400
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19841204060000	Farm Name:	B2
Well Name:	B2	Driller:	Testing Engineers, Inc.
Elevation:	642	Elevation Reference:	Ground level
Total Depth:	62	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&121974489400		

17
WNW **IL WELLS** **ILSG40000339993**
1/4 - 1/2 Mile
Higher

WELLS SGS:

Database:	Water Well Records	API #:	121972765300
IL SWSP #:	158369	Status:	Water Well
Date Drilled:	19760913050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	225	Lithologic Formation:	limestone
Top of Formation (ft):	50	Bottom of Formation (ft):	225
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972765300		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E18
ENE | **IL WELLS** | **ILSG40000356276**
1/4 - 1/2 Mile
Higher

WELLS SGS:

Database:	Water Well Records	API #:	121974489300
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19841203060000	Farm Name:	B1
Well Name:	B1	Driller:	Testing Engineers, Inc.
Elevation:	642	Elevation Reference:	Ground level
Total Depth:	62	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&121974489300		

F19
SW | **IL WELLS** | **ILSG40000345582**
1/4 - 1/2 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121973422200
IL SWSP #:	158376	Status:	Water Well
Date Drilled:	19460101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	81	Lithologic Formation:	limesotne
Top of Formation (ft):	39	Bottom of Formation (ft):	81
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422200		

F20
SW | **IL WELLS** | **ILSG40000355635**
1/4 - 1/2 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974425200
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020620050000	Farm Name:	B-3
Well Name:	B-3	Driller:	IL Department of Transportation
Elevation:	623	Elevation Reference:	Ground level
Total Depth:	10	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&121974425200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G21
SSW **IL WELLS** **ILSG40000351414**
1/4 - 1/2 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974003500
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&121974003500		

G22
SSW **IL WELLS** **ILEPANC70002747**
1/4 - 1/2 Mile
Lower

WELLS EPA:

Well ID:	19703313	Facility Name:	A B GUSTOS
Facility #:	IL3110999	Well Status:	Active
Well Type:	NonCommunity	Primary Use Name:	RESTAURANT
Population Count:	725	Update Time Stamp:	22-SEP-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		

23
West **IL WELLS** **ILSG40000345586**
1/4 - 1/2 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121973422600
IL SWSP #:	160593	Status:	Water Well
Date Drilled:	19520101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dreher & Schorie
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):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

24
ENE **IL WELLS** **ILSG40000351732**
1/4 - 1/2 Mile
Higher

WELLS SGS:

Database:	Water Well Records	API #:	121974035300
IL SWSP #:	336946	Status:	Water Well
Date Drilled:	20010815050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	225	Lithologic Formation:	limestone
Top of Formation (ft):	105	Bottom of Formation (ft):	225
Pump Flow (gpm):	35		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974035300		

25
SSE **IL WELLS** **ILSG40000333693**
1/4 - 1/2 Mile
Higher

WELLS SGS:

Database:	Water Well Records	API #:	121970130500
IL SWSP #:	409391	Status:	Water Well
Date Drilled:	19630101060000	Farm Name:	1
Well Name:	1	Driller:	Miller, J.P. Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	310	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&121970130500		

H26
WSW **FED USGS** **USGS40000298672**
1/4 - 1/2 Mile
Lower

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N10E-31.7f1	Type:	Well
Description:	Not Reported	HUC:	07090003
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:	Not Reported
Well Depth:	300	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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27
East **IL WELLS** **ILPW56033**
1/4 - 1/2 Mile
Higher

Database:	Illinois Private Well Database and PICS		
Well ID:	56033	2nd ID:	Not Reported

Owner:	RC LIF CONST	Driller:	LOCKPORT
Date drilled:	07/31/1974	Permit:	|031644
Depth:	148	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

I28
South
1/4 - 1/2 Mile
Higher

IL WELLS **ILSG40000355634**

WELLS SGS:

Database:	Water Well Records	API #:	121974425100
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020624050000	Farm Name:	B-2
Well Name:	B-2	Driller:	IL Department of Transportation
Elevation:	633	Elevation Reference:	Ground level
Total Depth:	10	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&121974425100		

29
SSW
1/4 - 1/2 Mile
Lower

IL WELLS **ILPW56035**

Database:	Illinois Private Well Database and PICS		
Well ID:	56035	2nd ID:	Not Reported
Owner:	LOWE A	Driller:	KNIERIM
Date drilled:	11/00/1968	Permit:	|006474
Depth:	180	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

I30
South
1/4 - 1/2 Mile
Higher

IL WELLS **ILSG40000355665**

WELLS SGS:

Database:	Water Well Records	API #:	121974428200
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011219060000	Farm Name:	SB-22
Well Name:	SB-22	Driller:	Wang Engineering, Inc.
Elevation:	632	Elevation Reference:	Ground level
Total Depth:	40	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&121974428200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J31
West
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000354248**

WELLS SGS:

Database:	Water Well Records	API #:	121974286700
IL SWSP #:	457511	Status:	Water Well
Date Drilled:	20110923050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Walters, Larry
Elevation:	596	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	rock
Top of Formation (ft):	165	Bottom of Formation (ft):	200
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974286700		

I32
South
1/4 - 1/2 Mile
Higher

IL WELLS **ILPW56020**

Database:	Illinois Private Well Database and PICS		
Well ID:	56020	2nd ID:	Not Reported
Owner:	REIGH R	Driller:	BREITZKE
Date drilled:	00/00/1946	Permit:	|
Depth:	34	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

I33
South
1/4 - 1/2 Mile
Higher

IL WELLS **ILPW56019**

Database:	Illinois Private Well Database and PICS		
Well ID:	56019	2nd ID:	Not Reported
Owner:	STEIN B	Driller:	SHROBA
Date drilled:	00/00/1940	Permit:	|
Depth:	48	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

I34
South
1/4 - 1/2 Mile
Higher

IL WELLS **ILPW56024**

Database:	Illinois Private Well Database and PICS		
Well ID:	56024	2nd ID:	Not Reported
Owner:	ERMGARD	Driller:	SCHROBA
Date drilled:	00/00/1940	Permit:	|
Depth:	82	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I35
South
1/4 - 1/2 Mile
Higher

IL WELLS **ILPW56017**

Database:	Illinois Private Well Database and PICS		
Well ID:	56017	2nd ID:	Not Reported
Owner:	SRESLINGER C	Driller:	SCHROBA
Date drilled:	00/00/1940	Permit:	|
Depth:	117	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

I36
South
1/4 - 1/2 Mile
Higher

IL WELLS **ILPW56018**

Database:	Illinois Private Well Database and PICS		
Well ID:	56018	2nd ID:	Not Reported
Owner:	HERRMAN A	Driller:	SCHROBA
Date drilled:	00/00/1940	Permit:	|
Depth:	100	Record type:	OG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

I37
South
1/4 - 1/2 Mile
Higher

IL WELLS **ILPW56030**

Database:	Illinois Private Well Database and PICS		
Well ID:	56030	2nd ID:	Not Reported
Owner:	AMOCO OIL COMPANY #RW-2	Driller:	D & G DRILLING
Date drilled:	05/31/1994	Permit:	Not Reported
Depth:	16	Record type:	RG
Well Use:	Monitoring	Well Type:	Drilled
Aquifer type:	Unconsolidated		

I38
South
1/4 - 1/2 Mile
Higher

IL WELLS **ILPW56027**

Database:	Illinois Private Well Database and PICS		
Well ID:	56027	2nd ID:	Not Reported
Owner:	CHORAK M	Driller:	SMITH
Date drilled:	00/00/1946	Permit:	|
Depth:	61	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
I39 **South** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW56026**

Database:	Illinois Private Well Database and PICS		
Well ID:	56026	2nd ID:	Not Reported
Owner:	NELSON E	Driller:	SMITH
Date drilled:	00/00/1946	Permit:	|
Depth:	80	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

	Database	EDR ID Number
I40 **South** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW56025**

Database:	Illinois Private Well Database and PICS		
Well ID:	56025	2nd ID:	Not Reported
Owner:	GREWENIG J	Driller:	WARE
Date drilled:	00/00/1945	Permit:	|
Depth:	90	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

	Database	EDR ID Number
I41 **South** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW56029**

Database:	Illinois Private Well Database and PICS		
Well ID:	56029	2nd ID:	Not Reported
Owner:	MRS YOUNG	Driller:	FORDONSKI
Date drilled:	05/06/1988	Permit:	Not Reported
Depth:	110	Record type:	A
Well Use:	Domestic	Well Type:	--
Aquifer type:	--		

	Database	EDR ID Number
I42 **South** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW56031**

Database:	Illinois Private Well Database and PICS		
Well ID:	56031	2nd ID:	Not Reported
Owner:	AMOCO OIL COMPANY #RW-3	Driller:	D & G DRILLING
Date drilled:	06/01/1994	Permit:	Not Reported
Depth:	15	Record type:	RG
Well Use:	Monitoring	Well Type:	Drilled
Aquifer type:	Unconsolidated		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
I43 **South** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW56028**

Database:	Illinois Private Well Database and PICS		
Well ID:	56028	2nd ID:	Not Reported
Owner:	RICHLAND SUB	Driller:	DREHER
Date drilled:	00/00/1952	Permit:	|
Depth:	190	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

	Database	EDR ID Number
I44 **South** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW56022**

Database:	Illinois Private Well Database and PICS		
Well ID:	56022	2nd ID:	Not Reported
Owner:	MASURA G	Driller:	BREITZKE
Date drilled:	00/00/1946	Permit:	|
Depth:	81	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

	Database	EDR ID Number
I45 **South** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW56023**

Database:	Illinois Private Well Database and PICS		
Well ID:	56023	2nd ID:	Not Reported
Owner:	SWANEY W	Driller:	BREITZKE
Date drilled:	00/00/1948	Permit:	|
Depth:	72	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

	Database	EDR ID Number
I46 **South** **1/4 - 1/2 Mile** **Higher**	**IL WELLS**	**ILPW56021**

Database:	Illinois Private Well Database and PICS		
Well ID:	56021	2nd ID:	Not Reported
Owner:	SCURES C	Driller:	BREITZKE
Date drilled:	00/00/1946	Permit:	|
Depth:	63	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

I47
South
1/4 - 1/2 Mile
Higher

IL WELLS **ILPW56016**

Database:	Illinois Private Well Database and PICS		
Well ID:	56016	2nd ID:	Not Reported
Owner:	YOUNG	Driller:	Not Reported
Date drilled:	00/00/1988	Permit:	|
Depth:	110	Record type:	A
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

I48
South
1/4 - 1/2 Mile
Higher

IL WELLS **ILSG40000355664**

WELLS SGS:

Database:	Water Well Records	API #:	121974428100
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011219060000	Farm Name:	SB-21
Well Name:	SB-21	Driller:	Wang Engineering, Inc.
Elevation:	629	Elevation Reference:	Ground level
Total Depth:	40	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&121974428100		

J49
WNW
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000352092**

WELLS SGS:

Database:	Water Well Records	API #:	121974071200
IL SWSP #:	290109	Status:	Water Well
Date Drilled:	19951104050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	60	Bottom of Formation (ft):	205
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974071200		

K50
West
1/4 - 1/2 Mile
Lower

IL WELLS **ILPW56037**

Database:	Illinois Private Well Database and PICS		
Well ID:	56037	2nd ID:	Not Reported
Owner:	SYCAMORE GREENGOLD REALESTATE	Driller:	Not Reported
Date drilled:	00/00/1952	Permit:	|

Depth:	280	Record type:	OC
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

H51
SW
1/4 - 1/2 Mile
Lower

IL WELLS **ILEPAC700002181**

WELLS EPA:

Well ID:	20449	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:	300
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20449	SDWIS Facility #:	IL1970250
API #:	121970129200		

52
NE
1/4 - 1/2 Mile
Higher

IL WELLS **ILPW56000**

Database:	Illinois Private Well Database and PICS		
Well ID:	56000	2nd ID:	Not Reported
Owner:	RICHARD OBRZUT	Driller:	LOCKPORT WELL & PUMP
Date drilled:	09/10/1993	Permit:	197-93-0129-N
Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	Drilled
Aquifer type:	Bedrock		

H53
SW
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000333682**

WELLS SGS:

Database:	Water Well Records	API #:	121970129200
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19510101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	620	Elevation Reference:	Ground level
Total Depth:	300	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&121970129200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I54
South **IL WELLS** **ILSG40000355663**
1/4 - 1/2 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974428000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011220060000	Farm Name:	SB-20
Well Name:	SB-20	Driller:	Wang Engineering, Inc.
Elevation:	626	Elevation Reference:	Ground level
Total Depth:	40	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&121974428000		

I55
South **IL WELLS** **ILSG40000355657**
1/4 - 1/2 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974427400
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011219060000	Farm Name:	SB-14
Well Name:	SB-14	Driller:	Wang Engineering, Inc.
Elevation:	628	Elevation Reference:	Ground level
Total Depth:	40	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&121974427400		

J56
WNW **IL WELLS** **ILSG40000344160**
1/4 - 1/2 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121973248000
IL SWSP #:	158360	Status:	Water Well
Date Drilled:	19750704050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	80	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973248000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I57
South | **IL WELLS** | **ILSG40000355656**
1/4 - 1/2 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974427300
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011219060000	Farm Name:	SB-13
Well Name:	SB-13	Driller:	Wang Engineering, Inc.
Elevation:	625	Elevation Reference:	Ground level
Total Depth:	40	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&121974427300		

L58
South | **IL WELLS** | **ILSG40000355662**
1/4 - 1/2 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974427900
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011220060000	Farm Name:	SB-19
Well Name:	SB-19	Driller:	Wang Engineering, Inc.
Elevation:	623	Elevation Reference:	Ground level
Total Depth:	40	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&121974427900		

59
WSW | **IL WELLS** | **ILSG40000345589**
1/4 - 1/2 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121973422900
IL SWSP #:	160960	Status:	Water Well
Date Drilled:	19430101060000	Farm Name:	1
Well Name:	1	Driller:	Dreher & Schorie
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	194	Lithologic Formation:	limestone
Top of Formation (ft):	0	Bottom of Formation (ft):	194
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422900		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

60
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **ILPW56006**

Database:	Illinois Private Well Database and PICS		
Well ID:	56006	2nd ID:	28424
Owner:	NEUMANNS NURSERY	Driller:	LOCKPORT
Date drilled:	06/14/1985	Permit:	|118343
Depth:	165	Record type:	RG
Well Use:	Commerical	Well Type:	~~
Aquifer type:	~~		

L61
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000355642**

WELLS SGS:

Database:	Water Well Records	API #:	121974425900
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020715050000	Farm Name:	HA-2
Well Name:	HA-2	Driller:	IL Department of Transportation
Elevation:	628	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&121974425900		

K62
West
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000347671**

WELLS SGS:

Database:	Water Well Records	API #:	121973630700
IL SWSP #:	261625	Status:	Water Well Monitoring Well
Date Drilled:	19940531050000	Farm Name:	RW-1
Well Name:	RW-1	Driller:	D & G Drilling
Elevation:	628	Elevation Reference:	Ground level
Total Depth:	15	Lithologic Formation:	silt
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973630700		

K63
West
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000347673**

WELLS SGS:

Database:	Water Well Records	API #:	121973630900
IL SWSP #:	261627	Status:	Water Well Monitoring Well

Date Drilled:	19940601050000	Farm Name:	RW-3
Well Name:	RW-3	Driller:	D & G Drilling
Elevation:	628	Elevation Reference:	Ground level
Total Depth:	15	Lithologic Formation:	sandy gravelly clay
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973630900		

K64
West
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000347672**

WELLS SGS:

Database:	Water Well Records	API #:	121973630800
IL SWSP #:	261626	Status:	Water Well Monitoring Well
Date Drilled:	19940531050000	Farm Name:	RW-2
Well Name:	RW-2	Driller:	D & G Drilling
Elevation:	628	Elevation Reference:	Ground level
Total Depth:	16	Lithologic Formation:	sandy clay
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973630800		

L65
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000355655**

WELLS SGS:

Database:	Water Well Records	API #:	121974427200
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011218060000	Farm Name:	SB-12
Well Name:	SB-12	Driller:	Wang Engineering, Inc.
Elevation:	621	Elevation Reference:	Ground level
Total Depth:	38	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&121974427200		

L66
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000355661**

WELLS SGS:

Database:	Water Well Records	API #:	121974427800
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011220060000	Farm Name:	SB-18
Well Name:	SB-18	Driller:	Wang Engineering, Inc.
Elevation:	619	Elevation Reference:	Ground level
Total Depth:	36	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&121974427800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J67
West
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000348122**

WELLS SGS:

Database:	Water Well Records	API #:	121973675500
IL SWSP #:	269311	Status:	Water Well
Date Drilled:	19950526050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	70	Bottom of Formation (ft):	205
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973675500		

J68
West
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000349055**

WELLS SGS:

Database:	Water Well Records	API #:	121973767900
IL SWSP #:	299354	Status:	Water Well
Date Drilled:	19961008050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	265	Lithologic Formation:	limestone
Top of Formation (ft):	210	Bottom of Formation (ft):	265
Pump Flow (gpm):	30		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973767900		

J69
West
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000347487**

WELLS SGS:

Database:	Water Well Records	API #:	121973612400
IL SWSP #:	253667	Status:	Water Well
Date Drilled:	19940423050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	54	Bottom of Formation (ft):	205
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973612400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J70
West
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000344159**

WELLS SGS:

Database:	Water Well Records	API #:	121973247900
IL SWSP #:	158364	Status:	Water Well
Date Drilled:	19750715050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	125
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973247900		

J71
WNW
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000358187**

WELLS SGS:

Database:	Water Well Records	API #:	121974685300
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20180619050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Will County Well & Pump
Elevation:	620	Elevation Reference:	Ground level
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	90	Bottom of Formation (ft):	200
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974685300		

L72
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000345587**

WELLS SGS:

Database:	Water Well Records	API #:	121973422700
IL SWSP #:	158375	Status:	Water Well
Date Drilled:	19460101060000	Farm Name:	1
Well Name:	1	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	63	Lithologic Formation:	limestone
Top of Formation (ft):	44	Bottom of Formation (ft):	63
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L73
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000345591**

WELLS SGS:

Database:	Water Well Records	API #:	121973423100
IL SWSP #:	158377	Status:	Water Well
Date Drilled:	19480101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	72	Lithologic Formation:	limestone
Top of Formation (ft):	30	Bottom of Formation (ft):	72
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423100		

L74
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000345592**

WELLS SGS:

Database:	Water Well Records	API #:	121973423200
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19421001050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	65	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973423200		

L75
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000345588**

WELLS SGS:

Database:	Water Well Records	API #:	121973422800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19420901050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Ground level
Total Depth:	102	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	8		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L76
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000345584**

WELLS SGS:

Database:	Water Well Records	API #:	121973422400
IL SWSP #:	158374	Status:	Water Well
Date Drilled:	19460101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Ground level
Total Depth:	34	Lithologic Formation:	limestone
Top of Formation (ft):	5	Bottom of Formation (ft):	34
Pump Flow (gpm):	30		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422400		

L77
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000355654**

WELLS SGS:

Database:	Water Well Records	API #:	121974427100
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011218060000	Farm Name:	SB-11
Well Name:	SB-11	Driller:	Wang Engineering, Inc.
Elevation:	618	Elevation Reference:	Ground level
Total Depth:	36	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&121974427100		

L78
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000355660**

WELLS SGS:

Database:	Water Well Records	API #:	121974427700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011220060000	Farm Name:	SB-17
Well Name:	SB-17	Driller:	Wang Engineering, Inc.
Elevation:	616	Elevation Reference:	Ground level
Total Depth:	44	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&121974427700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M79
WNW
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000354336**

WELLS SGS:

Database:	Water Well Records	API #:	121974295400
IL SWSP #:	463615	Status:	Water Well
Date Drilled:	20120630050000	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):	165	Bottom of Formation (ft):	0
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974295400		

L80
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000355641**

WELLS SGS:

Database:	Water Well Records	API #:	121974425800
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020715050000	Farm Name:	HA-1
Well Name:	HA-1	Driller:	IL Department of Transportation
Elevation:	617	Elevation Reference:	Ground level
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&121974425800		

L81
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000355653**

WELLS SGS:

Database:	Water Well Records	API #:	121974427000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011218060000	Farm Name:	SB-10B
Well Name:	SB-10B	Driller:	Wang Engineering, Inc.
Elevation:	615	Elevation Reference:	Ground level
Total Depth:	27	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&121974427000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M82
WNW
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000354767**

WELLS SGS:

Database:	Water Well Records	API #:	121974338300
IL SWSP #:	476178	Status:	Water Well
Date Drilled:	20130708050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	100	Bottom of Formation (ft):	200
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974338300		

L83
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000355659**

WELLS SGS:

Database:	Water Well Records	API #:	121974427600
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011220060000	Farm Name:	SB-16
Well Name:	SB-16	Driller:	Wang Engineering, Inc.
Elevation:	612	Elevation Reference:	Ground level
Total Depth:	28	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&121974427600		

L84
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000355652**

WELLS SGS:

Database:	Water Well Records	API #:	121974426900
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011218060000	Farm Name:	SB-10A
Well Name:	SB-10A	Driller:	Wang Engineering, Inc.
Elevation:	613	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&121974426900		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N85
WNW
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000353397**

WELLS SGS:

Database:	Water Well Records	API #:	121974201800
IL SWSP #:	383230	Status:	Water Well
Date Drilled:	20050630050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Liberg, Steve Jr.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	120	Bottom of Formation (ft):	200
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974201800		

M86
WNW
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000347247**

WELLS SGS:

Database:	Water Well Records	API #:	121973588500
IL SWSP #:	251255	Status:	Water Well
Date Drilled:	19930910050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	125
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973588500		

L87
South
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000355658**

WELLS SGS:

Database:	Water Well Records	API #:	121974427500
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011220060000	Farm Name:	SB-15
Well Name:	SB-15	Driller:	Wang Engineering, Inc.
Elevation:	609	Elevation Reference:	Ground level
Total Depth:	26	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&121974427500		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M88
WNW
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000339545**

WELLS SGS:

Database:	Water Well Records	API #:	121972720500
IL SWSP #:	218141	Status:	Water Well
Date Drilled:	19770620050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972720500		

89
East
1/4 - 1/2 Mile
Higher

IL WELLS **ILSG40000337126**

WELLS SGS:

Database:	Water Well Records	API #:	121972477900
IL SWSP #:	158379	Status:	Water Well
Date Drilled:	19740731050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	148	Lithologic Formation:	limestone
Top of Formation (ft):	60	Bottom of Formation (ft):	148
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972477900		

J90
WNW
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000351645**

WELLS SGS:

Database:	Water Well Records	API #:	121974026600
IL SWSP #:	339538	Status:	Water Well
Date Drilled:	20011011050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	215	Lithologic Formation:	limestone
Top of Formation (ft):	180	Bottom of Formation (ft):	215
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974026600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O91
West
1/4 - 1/2 Mile
Lower

IL WELLS **ILSG40000346828**

WELLS SGS:

Database:	Water Well Records	API #:	121973546800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19891118060000	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):	50	Bottom of Formation (ft):	205
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973546800		

N92
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000339992**

WELLS SGS:

Database:	Water Well Records	API #:	121972765200
IL SWSP #:	158368	Status:	Water Well
Date Drilled:	19760507050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972765200		

93
NE
1/2 - 1 Mile
Higher

IL WELLS **ILPW56001**

Database:	Illinois Private Well Database and PICS		
Well ID:	56001	2nd ID:	Not Reported
Owner:	CROSSLINK COATING	Driller:	FORDONSKI
Date drilled:	03/14/1994	Permit:	197-94-0009-N
Depth:	140	Record type:	RG
Well Use:	Domestic	Well Type:	Drilled
Aquifer type:	Bedrock		

P94
South
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000355651**

WELLS SGS:

Database:	Water Well Records	API #:	121974426800
IL SWSP #:	0	Status:	Engineering Test

Date Drilled:	20011228060000	Farm Name:	SB-09
Well Name:	SB-09	Driller:	Wang Engineering, Inc.
Elevation:	599	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&121974426800		

M95
WNW **IL WELLS** **ILSG40000345573**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121973421300
IL SWSP #:	158367	Status:	Water Well
Date Drilled:	19650101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	133	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	133
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973421300		

P96
SSE **IL WELLS** **ILSG40000355650**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974426700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011228060000	Farm Name:	SB-08
Well Name:	SB-08	Driller:	Wang Engineering, Inc.
Elevation:	596	Elevation Reference:	Ground level
Total Depth:	12	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&121974426700		

97
SE **IL WELLS** **ILPW56032**
1/2 - 1 Mile
Lower

Database:	Illinois Private Well Database and PICS		
Well ID:	56032	2nd ID:	28940
Owner:	FREEMAN S	Driller:	WILL DUPAGE CO
Date drilled:	06/18/1986	Permit:	|124584
Depth:	120	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

Q98
WNW | **IL WELLS** | **ILSG40000358508**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974717600
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20211006050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Will County Well & Pump
Elevation:	651	Elevation Reference:	Ground level
Total Depth:	260	Lithologic Formation:	limestone
Top of Formation (ft):	198	Bottom of Formation (ft):	238
Pump Flow (gpm):	30		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974717600		

99
ENE | **IL WELLS** | **ILSG40000347486**
1/2 - 1 Mile
Higher

WELLS SGS:

Database:	Water Well Records	API #:	121973612300
IL SWSP #:	250953	Status:	Water Well
Date Drilled:	19940314050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fordonski, Keith
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	140	Lithologic Formation:	limestone
Top of Formation (ft):	70	Bottom of Formation (ft):	140
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973612300		

100
North | **IL WELLS** | **ILSG40000356631**
1/2 - 1 Mile
Higher

WELLS SGS:

Database:	Water Well Records	API #:	121974524800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20140311050000	Farm Name:	12
Well Name:	12	Driller:	Wehling, Richard W.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	300	Lithologic Formation:	limestone
Top of Formation (ft):	140	Bottom of Formation (ft):	300
Pump Flow (gpm):	400		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974524800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P101
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000355649**

WELLS SGS:

Database:	Water Well Records	API #:	121974426600
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011228060000	Farm Name:	SB-07
Well Name:	SB-07	Driller:	Wang Engineering, Inc.
Elevation:	594	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&121974426600		

P102
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000355640**

WELLS SGS:

Database:	Water Well Records	API #:	121974425700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020620050000	Farm Name:	B-8
Well Name:	B-8	Driller:	IL Department of Transportation
Elevation:	593	Elevation Reference:	Ground level
Total Depth:	13	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&121974425700		

103
WSW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345583**

WELLS SGS:

Database:	Water Well Records	API #:	121973422300
IL SWSP #:	160590	Status:	Water Well
Date Drilled:	19460101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Smith, T. H.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	80	Lithologic Formation:	limestone
Top of Formation (ft):	46	Bottom of Formation (ft):	80
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973422300		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O104
West
1/2 - 1 Mile
Lower

IL WELLS **ILEPANC70001050**

WELLS EPA:

Well ID:	19700830	Facility Name:	INSTANT REPLAY
Facility #:	IL3024760	Well Status:	Active
Well Type:	NonCommunity	Primary Use Name:	RESTAURANT
Population Count:	60	Update Time Stamp:	21-SEP-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		

R105
North
1/2 - 1 Mile
Higher

IL WELLS **ILPW55998**

Database:	Illinois Private Well Database and PICS		
Well ID:	55998	2nd ID:	Not Reported
Owner:	SEINKO E	Driller:	WILL DUPAGE CO
Date drilled:	00/00/1965	Permit:	|
Depth:	133	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

R106
North
1/2 - 1 Mile
Higher

IL WELLS **ILPW55999**

Database:	Illinois Private Well Database and PICS		
Well ID:	55999	2nd ID:	Not Reported
Owner:	LESLIE H ABBOTT	Driller:	Not Reported
Date drilled:	00/00/1928	Permit:	Not Reported
Depth:	462	Record type:	OG
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

R107
North
1/2 - 1 Mile
Higher

IL WELLS **ILPW55997**

Database:	Illinois Private Well Database and PICS		
Well ID:	55997	2nd ID:	00324
Owner:	GOSACH M	Driller:	WILL DUPAGE CO
Date drilled:	00/00/1937	Permit:	|
Depth:	100	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

Q108
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000354168**

WELLS SGS:

Database:	Water Well Records	API #:	121974278800
IL SWSP #:	452562	Status:	Water Well
Date Drilled:	20101010050000	Farm Name:	1
Well Name:	1	Driller:	Neely, Mark S.
Elevation:	645	Elevation Reference:	Not Reported
Total Depth:	250	Lithologic Formation:	limestone
Top of Formation (ft):	180	Bottom of Formation (ft):	200
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974278800		

P109
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000355648**

WELLS SGS:

Database:	Water Well Records	API #:	121974426500
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011221060000	Farm Name:	SB-06
Well Name:	SB-06	Driller:	Wang Engineering, Inc.
Elevation:	592	Elevation Reference:	Ground level
Total Depth:	25	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&121974426500		

P110
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000355633**

WELLS SGS:

Database:	Water Well Records	API #:	121974425000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020624050000	Farm Name:	B-1
Well Name:	B-1	Driller:	IL Department of Transportation
Elevation:	591	Elevation Reference:	Ground level
Total Depth:	13	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&121974425000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q111
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000356049**

WELLS SGS:

Database:	Water Well Records	API #:	121974466600
IL SWSP #:	485550	Status:	Water Well
Date Drilled:	20141210060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Will County Well & Pump
Elevation:	765	Elevation Reference:	Ground level
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	184	Bottom of Formation (ft):	200
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974466600		

112
WSW
1/2 - 1 Mile
Lower

IL WELLS **ILPW56038**

Database:	Illinois Private Well Database and PICS		
Well ID:	56038	2nd ID:	Not Reported
Owner:	SMALL HOMES	Driller:	DREHER
Date drilled:	00/00/1943	Permit:	|
Depth:	194	Record type:	RGI
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

113
NW
1/2 - 1 Mile
Higher

IL WELLS **ILSG40000340736**

WELLS SGS:

Database:	Water Well Records	API #:	121972842400
IL SWSP #:	158363	Status:	Water Well
Date Drilled:	19850614050000	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):	40	Bottom of Formation (ft):	165
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972842400		

S114
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000358186**

WELLS SGS:

Database:	Water Well Records	API #:	121974685200
IL SWSP #:	0	Status:	Water Well

Date Drilled:	20170616050000	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&121974685200		

P115
SSE **IL WELLS** **ILSG40000355647**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974426400
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011221060000	Farm Name:	SB-05
Well Name:	SB-05	Driller:	Wang Engineering, Inc.
Elevation:	591	Elevation Reference:	Ground level
Total Depth:	13	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&121974426400		

P116
SSE **IL WELLS** **ILSG40000355639**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974425600
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020620050000	Farm Name:	B-7
Well Name:	B-7	Driller:	IL Department of Transportation
Elevation:	591	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&121974425600		

T117
East **IL WELLS** **ILSG40000356280**
1/2 - 1 Mile
Higher

WELLS SGS:

Database:	Water Well Records	API #:	121974489700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19790925050000	Farm Name:	B2
Well Name:	B2	Driller:	Testing Engineers, Inc.
Elevation:	640	Elevation Reference:	Ground level
Total Depth:	52	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&121974489700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T118
East
1/2 - 1 Mile
Higher | **IL WELLS** | **ILSG40000356279**

WELLS SGS:

Database:	Water Well Records	API #:	121974489600
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19790925050000	Farm Name:	B1
Well Name:	B1	Driller:	Testing Engineers, Inc.
Elevation:	638	Elevation Reference:	Ground level
Total Depth:	52	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&121974489600		

U119
SSE
1/2 - 1 Mile
Lower | **IL WELLS** | **ILSG40000355646**

WELLS SGS:

Database:	Water Well Records	API #:	121974426300
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011221060000	Farm Name:	SB-04
Well Name:	SB-04	Driller:	Wang Engineering, Inc.
Elevation:	590	Elevation Reference:	Ground level
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&121974426300		

V120
West
1/2 - 1 Mile
Lower | **IL WELLS** | **ILSG40000353753**

WELLS SGS:

Database:	Water Well Records	API #:	121974237400
IL SWSP #:	429187	Status:	Water Well
Date Drilled:	20061115060000	Farm Name:	1
Well Name:	1	Driller:	Area Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	160	Lithologic Formation:	limestone
Top of Formation (ft):	120	Bottom of Formation (ft):	160
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974237400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

121
NE
1/2 - 1 Mile
Higher

IL WELLS **ILSG40000353888**

WELLS SGS:

Database:	Water Well Records	API #:	121974250900
IL SWSP #:	435027	Status:	Water Well
Date Drilled:	20050512050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	192	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&121974250900		

V122
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000351389**

WELLS SGS:

Database:	Water Well Records	API #:	121974001000
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&121974001000		

V123
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000351386**

WELLS SGS:

Database:	Water Well Records	API #:	121974000700
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&121974000700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V124
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000334245**

WELLS SGS:

Database:	Water Well Records	API #:	121970190300
IL SWSP #:	157740	Status:	Water Well
Date Drilled:	19701203060000	Farm Name:	0001
Well Name:	0001	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	130	Lithologic Formation:	lime
Top of Formation (ft):	40	Bottom of Formation (ft):	130
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970190300		

V125
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000334431**

WELLS SGS:

Database:	Water Well Records	API #:	121970209300
IL SWSP #:	157742	Status:	Water Well
Date Drilled:	19710811050000	Farm Name:	0001
Well Name:	0001	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	70	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970209300		

V126
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000339519**

WELLS SGS:

Database:	Water Well Records	API #:	121972717900
IL SWSP #:	157757	Status:	Water Well
Date Drilled:	19780925050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	54	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972717900		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V127
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000351388**

WELLS SGS:

Database:	Water Well Records	API #:	121974000900
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&121974000900		

S128
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000354221**

WELLS SGS:

Database:	Water Well Records	API #:	121974284000
IL SWSP #:	454490	Status:	Water Well
Date Drilled:	20101002050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick’s Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	160	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	160
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974284000		

U129
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000355645**

WELLS SGS:

Database:	Water Well Records	API #:	121974426200
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011221060000	Farm Name:	SB-03
Well Name:	SB-03	Driller:	Wang Engineering, Inc.
Elevation:	590	Elevation Reference:	Ground level
Total Depth:	11	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&121974426200		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
V130 **West** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW56013**

Database:	Illinois Private Well Database and PICS		
Well ID:	56013	2nd ID:	Not Reported
Owner:	GREG NEUMANN #1	Driller:	FYKES
Date drilled:	11/18/1989	Permit:	197890037N
Depth:	205	Record type:	RG
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

	Database	EDR ID Number
V131 **West** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW56007**

Database:	Illinois Private Well Database and PICS		
Well ID:	56007	2nd ID:	Not Reported
Owner:	FRANCIS B	Driller:	LOCKPORT
Date drilled:	07/15/1975	Permit:	|039001
Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

	Database	EDR ID Number
V132 **West** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW56012**

Database:	Illinois Private Well Database and PICS		
Well ID:	56012	2nd ID:	Not Reported
Owner:	RICHARD OBRZUT #1	Driller:	FYKES
Date drilled:	06/20/1977	Permit:	061965
Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

	Database	EDR ID Number
V133 **West** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW56014**

Database:	Illinois Private Well Database and PICS		
Well ID:	56014	2nd ID:	Not Reported
Owner:	GREG NEUMANN	Driller:	LOCKPORT WELL & PUMP
Date drilled:	04/23/1994	Permit:	197-94-0022-N
Depth:	205	Record type:	RG
Well Use:	Irrigation	Well Type:	Drilled
Aquifer type:	Bedrock		

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
V134 **West** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW56009**

Database:	Illinois Private Well Database and PICS		
Well ID:	56009	2nd ID:	Not Reported
Owner:	FRANCIS B	Driller:	LOCKPORT
Date drilled:	05/07/1976	Permit:	|045855
Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

	Database	EDR ID Number
V135 **West** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW56008**

Database:	Illinois Private Well Database and PICS		
Well ID:	56008	2nd ID:	Not Reported
Owner:	ABRZUT R	Driller:	LOCKPORT
Date drilled:	06/20/1977	Permit:	|061965
Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

	Database	EDR ID Number
V136 **West** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW56010**

Database:	Illinois Private Well Database and PICS		
Well ID:	56010	2nd ID:	Not Reported
Owner:	NEUMANNS NURSERY	Driller:	LOCKPORT
Date drilled:	09/13/1976	Permit:	|051658
Depth:	225	Record type:	RG
Well Use:	Commerical	Well Type:	~~
Aquifer type:	~~		

	Database	EDR ID Number
V137 **West** **1/2 - 1 Mile** **Lower**	**IL WELLS**	**ILPW56011**

Database:	Illinois Private Well Database and PICS		
Well ID:	56011	2nd ID:	Not Reported
Owner:	GREG NEUMANN	Driller:	FYKES
Date drilled:	11/18/1989	Permit:	X1970037
Depth:	205	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

V138
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000349041**

WELLS SGS:

Database:	Water Well Records	API #:	121973766500
IL SWSP #:	299344	Status:	Water Well
Date Drilled:	19970807050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	125	Bottom of Formation (ft):	205
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973766500		

U139
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000355644**

WELLS SGS:

Database:	Water Well Records	API #:	121974426100
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011221060000	Farm Name:	SB-02
Well Name:	SB-02	Driller:	Wang Engineering, Inc.
Elevation:	589	Elevation Reference:	Ground level
Total Depth:	21	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&121974426100		

U140
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000355643**

WELLS SGS:

Database:	Water Well Records	API #:	121974426000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20011221060000	Farm Name:	SB-01
Well Name:	SB-01	Driller:	Wang Engineering, Inc.
Elevation:	589	Elevation Reference:	Ground level
Total Depth:	18	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&121974426000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

W141
East
1/2 - 1 Mile
Higher

IL WELLS **ILSG40000333810**

WELLS SGS:

Database:	Water Well Records	API #:	121970146800
IL SWSP #:	158382	Status:	Water Well
Date Drilled:	19671007050000	Farm Name:	1
Well Name:	1	Driller:	Lockport Well & Pump, Inc.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	135	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	135
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970146800		

X142
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000343774**

WELLS SGS:

Database:	Water Well Records	API #:	121973207000
IL SWSP #:	157734	Status:	Water Well
Date Drilled:	19790330050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	48	Bottom of Formation (ft):	105
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973207000		

X143
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000337412**

WELLS SGS:

Database:	Water Well Records	API #:	121972506400
IL SWSP #:	157755	Status:	Water Well
Date Drilled:	19750406050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Paul L.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	120	Lithologic Formation:	rock
Top of Formation (ft):	20	Bottom of Formation (ft):	120
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972506400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X144
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345387**

WELLS SGS:

Database:	Water Well Records	API #:	121973402700
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19360101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	117	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973402700		

X145
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000336203**

WELLS SGS:

Database:	Water Well Records	API #:	121970385900
IL SWSP #:	160925	Status:	Water Well
Date Drilled:	19730517050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Rob, Peter
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	130	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	130
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970385900		

W146
East
1/2 - 1 Mile
Higher

IL WELLS **ILPW56044**

Database:	Illinois Private Well Database and PICS		
Well ID:	56044	2nd ID:	28680
Owner:	BELASICH R	Driller:	LOCKPORT
Date drilled:	11/27/1985	Permit:	|121680
Depth:	145	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

V147
West
1/2 - 1 Mile
Higher

IL WELLS **ILEPANC70001049**

WELLS EPA:

Well ID:	19701630	Facility Name:	FRENCH QUARTER
Facility #:	IL3047258	Well Status:	Inactive

Well Type:	NonPublic	Primary Use Name:	MEDICAL FACILITY
Population Count:	0	Update Time Stamp:	08-SEP-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		

Y148
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000352057**

WELLS SGS:

Database:	Water Well Records	API #:	121974067700
IL SWSP #:	346874	Status:	Water Well
Date Drilled:	20021017050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	160	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	160
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974067700		

Y149
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000355493**

WELLS SGS:

Database:	Water Well Records	API #:	121974411100
IL SWSP #:	253280	Status:	Water Well
Date Drilled:	19921007050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fordonski, Keith
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	170	Lithologic Formation:	limestone
Top of Formation (ft):	45	Bottom of Formation (ft):	170
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974411100		

X150
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILPW56015**

Database:	Illinois Private Well Database and PICS		
Well ID:	56015	2nd ID:	Not Reported
Owner:	WATKINS C	Driller:	BELASICH
Date drilled:	06/17/1955	Permit:	|
Depth:	129	Record type:	ORGC
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X151
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000351387**

WELLS SGS:

Database:	Water Well Records	API #:	121974000800
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&121974000800		

152
ESE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000341160**

WELLS SGS:

Database:	Water Well Records	API #:	121972894000
IL SWSP #:	158378	Status:	Water Well
Date Drilled:	19860618050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Rob, Ronald Gene
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	120	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&121972894000		

153
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000340735**

WELLS SGS:

Database:	Water Well Records	API #:	121972842300
IL SWSP #:	158362	Status:	Water Well
Date Drilled:	19850625050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	155	Lithologic Formation:	limestone
Top of Formation (ft):	150	Bottom of Formation (ft):	155
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972842300		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X154
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILEPANC70001048**

WELLS EPA:

Well ID:	19701044	Facility Name:	CHURCH OF THE GOOD SHEPHERD
Facility #:	IL3025288	Well Status:	Active
Well Type:	NonCommunity	Primary Use Name:	INSTITUTION
Population Count:	160	Update Time Stamp:	18-JAN-07
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		

Y155
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000335066**

WELLS SGS:

Database:	Water Well Records	API #:	121970272400
IL SWSP #:	157752	Status:	Water Well
Date Drilled:	19720816050000	Farm Name:	0001
Well Name:	0001	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	145	Lithologic Formation:	limestone
Top of Formation (ft):	50	Bottom of Formation (ft):	145
Pump Flow (gpm):	5		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970272400		

X156
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000343769**

WELLS SGS:

Database:	Water Well Records	API #:	121973206500
IL SWSP #:	157732	Status:	Water Well
Date Drilled:	19841018050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dreher, Theodore Albert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	100	Lithologic Formation:	limestone
Top of Formation (ft):	0	Bottom of Formation (ft):	100
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973206500		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Y157
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000334246**

WELLS SGS:

Database:	Water Well Records	API #:	121970190400
IL SWSP #:	409351	Status:	Water Well
Date Drilled:	19701007050000	Farm Name:	2
Well Name:	2	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	150	Lithologic Formation:	limestone
Top of Formation (ft):	38	Bottom of Formation (ft):	150
Pump Flow (gpm):	40		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970190400		

Z158
West
1/2 - 1 Mile
Higher

IL WELLS **ILPW55102**

Database:	Illinois Private Well Database and PICS		
Well ID:	55102	2nd ID:	Not Reported
Owner:	POLCYN L	Driller:	LOCKPORT
Date drilled:	09/25/1978	Permit:	|079521
Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

Z159
West
1/2 - 1 Mile
Higher

IL WELLS **ILPW55103**

Database:	Illinois Private Well Database and PICS		
Well ID:	55103	2nd ID:	Not Reported
Owner:	NASSE M LOT 89	Driller:	KNIERIM
Date drilled:	12/30/1978	Permit:	|070160
Depth:	100	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

Z160
West
1/2 - 1 Mile
Higher

IL WELLS **ILPW55104**

Database:	Illinois Private Well Database and PICS		
Well ID:	55104	2nd ID:	Not Reported
Owner:	HALL D LOT 157	Driller:	KNIERIM
Date drilled:	03/20/1985	Permit:	|117007
Depth:	120	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Z161
West
1/2 - 1 Mile
Higher

IL WELLS **ILPW55101**

Database:	Illinois Private Well Database and PICS		
Well ID:	55101	2nd ID:	Not Reported
Owner:	CANAGHT L	Driller:	LOCKPORT
Date drilled:	08/11/1971	Permit:	|013553
Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

Z162
West
1/2 - 1 Mile
Higher

IL WELLS **ILPW55099**

Database:	Illinois Private Well Database and PICS		
Well ID:	55099	2nd ID:	Not Reported
Owner:	ALLEN J	Driller:	DREHER
Date drilled:	10/18/1984	Permit:	|115326
Depth:	100	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

Z163
West
1/2 - 1 Mile
Higher

IL WELLS **ILPW55100**

Database:	Illinois Private Well Database and PICS		
Well ID:	55100	2nd ID:	Not Reported
Owner:	SEVEN ELEVEN STORE	Driller:	LOCKPORT
Date drilled:	12/03/1970	Permit:	|011229
Depth:	130	Record type:	RG
Well Use:	Commerical	Well Type:	~~
Aquifer type:	~~		

AA164
SW
1/2 - 1 Mile
Lower

IL WELLS **ILEPAC700002164**

WELLS EPA:

Well ID:	01050	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:	320
Ambient Sampling Netwk Stat:	1	EPA Facility Status:	Active
SDWIS Well ID:	WL01050	SDWIS Facility #:	IL1970250

API #: 121973834700

AB165
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000354222**

WELLS SGS:

Database:	Water Well Records	API #:	121974284100
IL SWSP #:	454489	Status:	Water Well
Date Drilled:	20101101050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	125	Bottom of Formation (ft):	200
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974284100		

AC166
West
1/2 - 1 Mile
Higher

IL WELLS **ILSG40000358574**

WELLS SGS:

Database:	Water Well Records	API #:	121974724200
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20220614050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Area Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	202	Lithologic Formation:	limestone
Top of Formation (ft):	181	Bottom of Formation (ft):	202
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974724200		

Y167
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILEPAC700002171**

WELLS EPA:

Well ID:	20356	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 #:	1977730	Water Supply Name:	SUNNYLAND SUBDIVISION
Min Setback Zone (ft):	400	Well Depth:	150
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20356	SDWIS Facility #:	IL1977730
API #:	121970190400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC168
West
1/2 - 1 Mile
Lower

IL WELLS **ILPW55105**

Database:	Illinois Private Well Database and PICS		
Well ID:	55105	2nd ID:	Not Reported
Owner:	MUELLER G	Driller:	KNIERIM
Date drilled:	04/06/1975	Permit:	|036551
Depth:	120	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

169
NNE
1/2 - 1 Mile
Higher

IL WELLS **ILPW56002**

Database:	Illinois Private Well Database and PICS		
Well ID:	56002	2nd ID:	Not Reported
Owner:	ILLINOIS STATE PENITENTIARY	Driller:	Not Reported
Date drilled:	00/00/1923	Permit:	Not Reported
Depth:	235	Record type:	OGC
Well Use:	State	Well Type:	--
Aquifer type:	--		

AD170
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000357991**

WELLS SGS:

Database:	Water Well Records	API #:	121974662600
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20170811050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Liberg, Steve Jr.
Elevation:	619	Elevation Reference:	Ground level
Total Depth:	140	Lithologic Formation:	limestone
Top of Formation (ft):	60	Bottom of Formation (ft):	65
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974662600		

AE171
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000298688**

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N 9E-25.1c1	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:	197010	Well Depth:	150
Well Depth Units:	ft	Well Hole Depth:	150
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1970-10
Feet below surface:	35	Feet to sea level:	Not Reported
Note:	Not Reported		

AA172
SW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000349727**

WELLS SGS:

Database:	Water Well Records	API #:	121973834700
IL SWSP #:	405028	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	9
Well Name:	9	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Ground level
Total Depth:	320	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&121973834700		

AA173
SW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000333969**

WELLS SGS:

Database:	Water Well Records	API #:	121970162800
IL SWSP #:	158381	Status:	Water Well
Date Drilled:	19681101050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierum, Paul
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone & shale
Top of Formation (ft):	10	Bottom of Formation (ft):	180
Pump Flow (gpm):	150		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970162800		

Z174
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000347480**

WELLS SGS:

Database:	Water Well Records	API #:	121973611600
IL SWSP #:	254708	Status:	Water Well
Date Drilled:	19940513050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	185	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	185
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973611600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AF175
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000348098**

WELLS SGS:

Database:	Water Well Records	API #:	121973673100
IL SWSP #:	268488	Status:	Water Well
Date Drilled:	19950530050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fordonski, Keith
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	110	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	110
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973673100		

Z176
West
1/2 - 1 Mile
Lower

IL WELLS **ILEPANC70001052**

WELLS EPA:

Well ID:	19701069	Facility Name:	CRYSTAL LAWNS CHURCH/NAZARENE
Facility #:	IL3025320	Well Status:	Active
Well Type:	NonCommunity	Primary Use Name:	INSTITUTION
Population Count:	150	Update Time Stamp:	21-MAR-07
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		

AB177
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000354373**

WELLS SGS:

Database:	Water Well Records	API #:	121974299100
IL SWSP #:	465444	Status:	Water Well
Date Drilled:	20120905050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick’s Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	120	Bottom of Formation (ft):	180
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974299100		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AB178
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55107**

Database:	Illinois Private Well Database and PICS		
Well ID:	55107	2nd ID:	Not Reported
Owner:	CHUCK LANFEAR	Driller:	LOCKPORT
Date drilled:	10/22/1992	Permit:	197-92-0175-N
Depth:	205	Record type:	RG
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

AB179
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55106**

Database:	Illinois Private Well Database and PICS		
Well ID:	55106	2nd ID:	Not Reported
Owner:	CARMAGHI L	Driller:	LOCKPORT
Date drilled:	08/16/1972	Permit:	|019203
Depth:	145	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AD180
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000350542**

WELLS SGS:

Database:	Water Well Records	API #:	121973915900
IL SWSP #:	0	Status:	Water Well
Date Drilled:	19450101060000	Farm Name:	1
Well Name:	1	Driller:	Dreher & Schorie
Elevation:	615	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&121973915900		

AB181
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000355636**

WELLS SGS:

Database:	Water Well Records	API #:	121974425300
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020624050000	Farm Name:	B-4
Well Name:	B-4	Driller:	IL Department of Transportation
Elevation:	624	Elevation Reference:	Ground level

Total Depth:	10	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&121974425300		

AD182
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000298687**

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N 9E-25.2c1	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:	194511
Well Depth:	132	Well Depth Units:	ft
Well Hole Depth:	132	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1950
Feet below surface:	15	Feet to sea level:	Not Reported
Note:	Not Reported		

Z183
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000351393**

WELLS SGS:

Database:	Water Well Records	API #:	121974001400
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&121974001400		

AB184
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000334032**

WELLS SGS:

Database:	Water Well Records	API #:	121970169100
IL SWSP #:	157739	Status:	Water Well
Date Drilled:	18990803050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	146	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&121970169100		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AB185
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000343778**

WELLS SGS:

Database:	Water Well Records	API #:	121973207400
IL SWSP #:	157743	Status:	Water Well
Date Drilled:	19791114060000	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):	42	Bottom of Formation (ft):	165
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973207400		

AG186
East
1/2 - 1 Mile
Higher

IL WELLS **ILSG40000341110**

WELLS SGS:

Database:	Water Well Records	API #:	121972887400
IL SWSP #:	158384	Status:	Water Well
Date Drilled:	19860523050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	150	Lithologic Formation:	limestone
Top of Formation (ft):	120	Bottom of Formation (ft):	150
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972887400		

AD187
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILEPAC700002172**

WELLS EPA:

Well ID:	20355	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 #:	1977730	Water Supply Name:	SUNNYLAND SUBDIVISION
Min Setback Zone (ft):	400	Well Depth:	132
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20355	SDWIS Facility #:	IL1977730
API #:	121973915900		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AF188
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000339778**

WELLS SGS:

Database:	Water Well Records	API #:	121972743900
IL SWSP #:	157733	Status:	Water Well
Date Drilled:	19771004050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	65	Lithologic Formation:	limestone
Top of Formation (ft):	50	Bottom of Formation (ft):	65
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972743900		

Z189
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000352989**

WELLS SGS:

Database:	Water Well Records	API #:	121974160800
IL SWSP #:	372590	Status:	Water Well
Date Drilled:	20041009050000	Farm Name:	1
Well Name:	1	Driller:	Area Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	60	Bottom of Formation (ft):	180
Pump Flow (gpm):	30		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974160800		

AF190
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000342500**

WELLS SGS:

Database:	Water Well Records	API #:	121973074600
IL SWSP #:	217183	Status:	Water Well
Date Drilled:	19881004050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	72	Lithologic Formation:	limestone
Top of Formation (ft):	34	Bottom of Formation (ft):	72
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973074600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

191
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000333477**

WELLS SGS:

Database:	Water Well Records	API #:	121970056400
IL SWSP #:	409392	Status:	Water Well
Date Drilled:	19590801050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Miller, J.P. Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	282	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	200		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970056400		

AF192
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000358506**

WELLS SGS:

Database:	Water Well Records	API #:	121974717400
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20211015050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Will County Well & Pump
Elevation:	672	Elevation Reference:	Ground level
Total Depth:	260	Lithologic Formation:	limestone
Top of Formation (ft):	180	Bottom of Formation (ft):	260
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974717400		

AC193
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000358301**

WELLS SGS:

Database:	Water Well Records	API #:	121974696800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20190827050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Stinnett, David
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	rock
Top of Formation (ft):	170	Bottom of Formation (ft):	180
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974696800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AG194
East
1/2 - 1 Mile
Higher

IL WELLS **ILPW56043**

Database:	Illinois Private Well Database and PICS		
Well ID:	56043	2nd ID:	28874
Owner:	BELASICH R	Driller:	LOCKPORT
Date drilled:	05/23/1984	Permit:	|123978
Depth:	150	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AE195
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345358**

WELLS SGS:

Database:	Water Well Records	API #:	121973399800
IL SWSP #:	157723	Status:	Water Well
Date Drilled:	19500101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	67	Lithologic Formation:	limestone
Top of Formation (ft):	35	Bottom of Formation (ft):	67
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973399800		

AH196
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000351792**

WELLS SGS:

Database:	Water Well Records	API #:	121974041300
IL SWSP #:	342554	Status:	Water Well
Date Drilled:	20010828050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	205
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974041300		

AI197
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000351070**

WELLS SGS:

Database:	Water Well Records	API #:	121973969200
IL SWSP #:	0	Status:	Engineering Test

Date Drilled:	19700516050000	Farm Name:	B-3
Well Name:	B-3	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	19	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&121973969200		

AI198
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000351073**

WELLS SGS:

Database:	Water Well Records	API #:	121973969500
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	B-2
Well Name:	B-2	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	18	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&121973969500		

AF199
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000352152**

WELLS SGS:

Database:	Water Well Records	API #:	121974077200
IL SWSP #:	347919	Status:	Water Well
Date Drilled:	20030116060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Walters, Larry
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	rock
Top of Formation (ft):	40	Bottom of Formation (ft):	200
Pump Flow (gpm):	7		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974077200		

AF200
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000349460**

WELLS SGS:

Database:	Water Well Records	API #:	121973808100
IL SWSP #:	305722	Status:	Water Well
Date Drilled:	19980728050000	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):	46	Bottom of Formation (ft):	160
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973808100		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AJ201
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55108**

Database:	Illinois Private Well Database and PICS		
Well ID:	55108	2nd ID:	Not Reported
Owner:	HORSCHLER P	Driller:	LOCKPORT
Date drilled:	10/04/1977	Permit:	|064209
Depth:	65	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AJ202
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55109**

Database:	Illinois Private Well Database and PICS		
Well ID:	55109	2nd ID:	Not Reported
Owner:	MCCORMICK G	Driller:	LOCKPORT
Date drilled:	03/30/1979	Permit:	|084172
Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AI203
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000356553**

WELLS SGS:

Database:	Water Well Records	API #:	121974517000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	1
Well Name:	1	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&121974517000		

AI204
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000356557**

WELLS SGS:

Database:	Water Well Records	API #:	121974517400
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	4
Well Name:	4	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported

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&121974517400		

AI205
SSE **IL WELLS** **ILSG40000356560**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974517700
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19700516050000	Farm Name:	5
Well Name:	5	Driller:	Layne-Western Co.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	10	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&121974517700		

AH206
West **IL WELLS** **ILSG40000358573**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974724100
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20220420050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Ken/K & K Well Drlg.
Elevation:	558	Elevation Reference:	Ground level
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	175	Bottom of Formation (ft):	200
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974724100		

AK207
WNW **IL WELLS** **ILSG40000354764**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974338000
IL SWSP #:	476177	Status:	Water Well
Date Drilled:	20130909050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	268	Elevation Reference:	Not Reported
Total Depth:	140	Lithologic Formation:	limestone
Top of Formation (ft):	100	Bottom of Formation (ft):	140
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974338000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AJ208
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000338376**

WELLS SGS:

Database:	Water Well Records	API #:	121972604100
IL SWSP #:	157756	Status:	Water Well
Date Drilled:	19761218060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Paul L.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	120	Lithologic Formation:	rock
Top of Formation (ft):	20	Bottom of Formation (ft):	120
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972604100		

AH209
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000349463**

WELLS SGS:

Database:	Water Well Records	API #:	121973808400
IL SWSP #:	305110	Status:	Water Well
Date Drilled:	19980819050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Senffner, Alan James
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	220	Lithologic Formation:	limestone
Top of Formation (ft):	56	Bottom of Formation (ft):	220
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973808400		

AJ210
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000342878**

WELLS SGS:

Database:	Water Well Records	API #:	121973117500
IL SWSP #:	160931	Status:	Water Well
Date Drilled:	19830530050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	145	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	145
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973117500		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AL211
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000354351**

WELLS SGS:

Database:	Water Well Records	API #:	121974296900
IL SWSP #:	464442	Status:	Water Well
Date Drilled:	20120705050000	Farm Name:	1
Well Name:	1	Driller:	Liberg, Steve Jr.
Elevation:	603	Elevation Reference:	Not Reported
Total Depth:	86	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	86
Pump Flow (gpm):	16		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974296900		

AL212
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345390**

WELLS SGS:

Database:	Water Well Records	API #:	121973403000
IL SWSP #:	160917	Status:	Water Well
Date Drilled:	19450101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	61	Lithologic Formation:	limestone
Top of Formation (ft):	33	Bottom of Formation (ft):	61
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973403000		

AK213
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345698**

WELLS SGS:

Database:	Water Well Records	API #:	121973434000
IL SWSP #:	236885	Status:	Water Well
Date Drilled:	19921022050000	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):	40	Bottom of Formation (ft):	205
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973434000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AM214
West
1/2 - 1 Mile
Lower

IL WELLS **ILPW55121**

Database:	Illinois Private Well Database and PICS		
Well ID:	55121	2nd ID:	Not Reported
Owner:	SIMPSON K	Driller:	LOCKPORT
Date drilled:	11/14/1979	Permit:	|091200
Depth:	165	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AM215
West
1/2 - 1 Mile
Lower

IL WELLS **ILPW55120**

Database:	Illinois Private Well Database and PICS		
Well ID:	55120	2nd ID:	Not Reported
Owner:	MCDOWELL	Driller:	ANDERSON
Date drilled:	08/03/1899	Permit:	|
Depth:	106	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AL216
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000351644**

WELLS SGS:

Database:	Water Well Records	API #:	121974026500
IL SWSP #:	339539	Status:	Water Well
Date Drilled:	20011110060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Walters, Larry
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	rock
Top of Formation (ft):	40	Bottom of Formation (ft):	200
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974026500		

AN217
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000353947**

WELLS SGS:

Database:	Water Well Records	API #:	121974256800
IL SWSP #:	440053	Status:	Water Well
Date Drilled:	20080815050000	Farm Name:	1
Well Name:	1	Driller:	Area Well & Pump
Elevation:	0	Elevation Reference:	Not Reported

Total Depth:	120	Lithologic Formation:	limestone
Top of Formation (ft):	50	Bottom of Formation (ft):	120
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974256800		

AH218
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000353322**

WELLS SGS:

Database:	Water Well Records	API #:	121974194300
IL SWSP #:	380849	Status:	Water Well
Date Drilled:	20050601050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	245	Lithologic Formation:	limestone
Top of Formation (ft):	145	Bottom of Formation (ft):	245
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974194300		

AO219
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000334237**

WELLS SGS:

Database:	Water Well Records	API #:	121970189500
IL SWSP #:	157741	Status:	Water Well
Date Drilled:	19701122060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	48	Bottom of Formation (ft):	125
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970189500		

AM220
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000349043**

WELLS SGS:

Database:	Water Well Records	API #:	121973766700
IL SWSP #:	299956	Status:	Water Well
Date Drilled:	19971118060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	225	Lithologic Formation:	limestone
Top of Formation (ft):	170	Bottom of Formation (ft):	225
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973766700		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AJ221
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000352581**

WELLS SGS:

Database:	Water Well Records	API #:	121974120000
IL SWSP #:	361186	Status:	Water Well
Date Drilled:	20031016050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	165	Lithologic Formation:	limestone
Top of Formation (ft):	55	Bottom of Formation (ft):	165
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974120000		

222
South
1/2 - 1 Mile
Lower

IL WELLS **ILPW56034**

Database:	Illinois Private Well Database and PICS		
Well ID:	56034	2nd ID:	Not Reported
Owner:	HILLCREST SHOP CENTER	Driller:	MILLER
Date drilled:	08/00/1959	Permit:	|
Depth:	282	Record type:	OGC
Well Use:	Commerical	Well Type:	~~
Aquifer type:	~~		

AL223
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345351**

WELLS SGS:

Database:	Water Well Records	API #:	121973399100
IL SWSP #:	157720	Status:	Water Well
Date Drilled:	19460101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	85	Lithologic Formation:	limestone
Top of Formation (ft):	36	Bottom of Formation (ft):	85
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973399100		

AL224
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345386**

WELLS SGS:

Database:	Water Well Records	API #:	121973402600
IL SWSP #:	157717	Status:	Water Well

Date Drilled:	19450101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	67	Lithologic Formation:	limestone
Top of Formation (ft):	34	Bottom of Formation (ft):	67
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973402600		

AL225
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345336**

WELLS SGS:

Database:	Water Well Records	API #:	121973397600
IL SWSP #:	160922	Status:	Water Well
Date Drilled:	19460101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	70	Lithologic Formation:	limestone
Top of Formation (ft):	33	Bottom of Formation (ft):	70
Pump Flow (gpm):	30		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973397600		

AL226
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345350**

WELLS SGS:

Database:	Water Well Records	API #:	121973399000
IL SWSP #:	160915	Status:	Water Well
Date Drilled:	19440101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	61	Lithologic Formation:	rock
Top of Formation (ft):	45	Bottom of Formation (ft):	60
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973399000		

AL227
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345406**

WELLS SGS:

Database:	Water Well Records	API #:	121973404600
IL SWSP #:	157716	Status:	Water Well
Date Drilled:	19450101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	53	Lithologic Formation:	limestone
Top of Formation (ft):	34	Bottom of Formation (ft):	53
Pump Flow (gpm):	8		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973404600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AL228
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345398**

WELLS SGS:

Database:	Water Well Records	API #:	121973403800
IL SWSP #:	157710	Status:	Water Well
Date Drilled:	19440101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	73	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973403800		

AL229
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345393**

WELLS SGS:

Database:	Water Well Records	API #:	121973403300
IL SWSP #:	157711	Status:	Water Well
Date Drilled:	19440101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	63	Lithologic Formation:	Not Reported
Top of Formation (ft):	0	Bottom of Formation (ft):	0
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973403300		

AP230
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55122**

Database:	Illinois Private Well Database and PICS		
Well ID:	55122	2nd ID:	Not Reported
Owner:	GATES R	Driller:	KNIERIM
Date drilled:	12/18/1977	Permit:	|054843
Depth:	120	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AQ231
West
1/2 - 1 Mile
Lower

IL WELLS **ILEPANC70001051**

WELLS EPA:

Well ID:	19701184	Facility Name:	HOPE UNITED METHODIST CHURCH
Facility #:	IL3025684	Well Status:	Active

Well Type:	NonCommunity	Primary Use Name:	INSTITUTION
Population Count:	65	Update Time Stamp:	15-MAR-07
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		

AM232
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000347826**

WELLS SGS:

Database:	Water Well Records	API #:	121973646100
IL SWSP #:	263057	Status:	Water Well
Date Drilled:	19941024050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	185	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	185
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973646100		

AQ233
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000351394**

WELLS SGS:

Database:	Water Well Records	API #:	121974001500
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&121974001500		

AQ234
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000358331**

WELLS SGS:

Database:	Water Well Records	API #:	121974699800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20180613050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Will County Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	170	Bottom of Formation (ft):	180
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974699800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AR235
SSE | **IL WELLS** | **ILSG40000353787**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974240800
IL SWSP #:	0	Status:	Stratigraphic Test
Date Drilled:	20080128060000	Farm Name:	MW1A
Well Name:	MW1A	Driller:	Steven Baumann
Elevation:	590	Elevation Reference:	Ground level
Total Depth:	14	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&121974240800		

AP236
WNW | **IL WELLS** | **ILSG40000353564**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974218500
IL SWSP #:	422832	Status:	Water Well
Date Drilled:	20060914050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick’s Well & Pump
Elevation:	720	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	180
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974218500		

AS237
West | **IL WELLS** | **ILSG40000343773**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121973206900
IL SWSP #:	160797	Status:	Water Well
Date Drilled:	19841217060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Rob, Ronald Gene
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	170	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&121973206900		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AN238
NW
1/2 - 1 Mile
Lower

IL WELLS **ILEPAC700002173**

WELLS EPA:

Well ID:	20390	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 #:	1975376	Water Supply Name:	GARDEN STREET IMPRV ASSN
Min Setback Zone (ft):	400	Well Depth:	130
Ambient Sampling Netwk Stat:	0	EPA Facility Status:	Active
SDWIS Well ID:	WL20390	SDWIS Facility #:	IL1975376
API #:	121973915800		

AT239
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55124**

Database:	Illinois Private Well Database and PICS		
Well ID:	55124	2nd ID:	Not Reported
Owner:	MIKE PARKER	Driller:	LOCKPORT WELL & PUMP
Date drilled:	05/13/1994	Permit:	197-94-0032-N
Depth:	185	Record type:	RG
Well Use:	Community Supply	Well Type:	Drilled
Aquifer type:	Bedrock		

AT240
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55123**

Database:	Illinois Private Well Database and PICS		
Well ID:	55123	2nd ID:	Not Reported
Owner:	TOWNE COUNTRY REALITY	Driller:	LOCKPORT
Date drilled:	05/30/1983	Permit:	|107302
Depth:	145	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AO241
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000356048**

WELLS SGS:

Database:	Water Well Records	API #:	121974466500
IL SWSP #:	485551	Status:	Water Well
Date Drilled:	20111221060000	Farm Name:	2
Well Name:	2	Driller:	Will County Well & Pump
Elevation:	620	Elevation Reference:	Ground level

Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	113	Bottom of Formation (ft):	180
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974466500		

AU242
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000340806**

WELLS SGS:

Database:	Water Well Records	API #:	121972850700
IL SWSP #:	157753	Status:	Water Well
Date Drilled:	19850809050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	65	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	65
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972850700		

AO243
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000357109**

WELLS SGS:

Database:	Water Well Records	API #:	121974574000
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20150518050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Ken/K & K Well Drlg.
Elevation:	614	Elevation Reference:	Ground level
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	44	Bottom of Formation (ft):	200
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974574000		

AO244
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000357990**

WELLS SGS:

Database:	Water Well Records	API #:	121974662500
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20171024050000	Farm Name:	1
Well Name:	1	Driller:	Liberg, Steve Jr.
Elevation:	619	Elevation Reference:	Ground level
Total Depth:	160	Lithologic Formation:	limestone & shale
Top of Formation (ft):	60	Bottom of Formation (ft):	160
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974662500		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AS245
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000358066**

WELLS SGS:

Database:	Water Well Records	API #:	121974672600
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20180327050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Ken/K & K Well Drlg.
Elevation:	659	Elevation Reference:	Ground level
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	160	Bottom of Formation (ft):	180
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974672600		

AO246
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000352862**

WELLS SGS:

Database:	Water Well Records	API #:	121974148200
IL SWSP #:	368314	Status:	Water Well
Date Drilled:	20040624050000	Farm Name:	1
Well Name:	1	Driller:	Doyle, Gerald
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	lime
Top of Formation (ft):	60	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974148200		

AN247
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000350541**

WELLS SGS:

Database:	Water Well Records	API #:	121973915800
IL SWSP #:	409356	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	1
Well Name:	1	Driller:	Not Reported
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	130	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&121973915800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AU248
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000347684**

WELLS SGS:

Database:	Water Well Records	API #:	121973632000
IL SWSP #:	261570	Status:	Water Well
Date Drilled:	19940718050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	125
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973632000		

AT249
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000340669**

WELLS SGS:

Database:	Water Well Records	API #:	121972834800
IL SWSP #:	157737	Status:	Water Well
Date Drilled:	19850422050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Rob, Ronald Gene
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	140	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&121972834800		

AV250
NW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55112**

Database:	Illinois Private Well Database and PICS		
Well ID:	55112	2nd ID:	30746
Owner:	LEO BICK #1	Driller:	FYKES
Date drilled:	10/04/1988	Permit:	006310
Depth:	72	Record type:	RG
Well Use:	Domestic	Well Type:	--
Aquifer type:	Bedrock		

AV251
NW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55111**

Database:	Illinois Private Well Database and PICS		
Well ID:	55111	2nd ID:	Not Reported
Owner:	BROWN R	Driller:	LOCKPORT
Date drilled:	11/22/1970	Permit:	|011180

Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AV252
NW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55110**

Database:	Illinois Private Well Database and PICS		
Well ID:	55110	2nd ID:	Not Reported
Owner:	STOCKER B	Driller:	LOCKPORT
Date drilled:	01/26/1979	Permit:	|083353
Depth:	105	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AW253
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40000298692**

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N 9E-25.2d1	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:	Not Reported
Well Depth:	130	Well Depth Units:	ft
Well Hole Depth:	130	Well Hole Depth Units:	ft

AS254
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000349042**

WELLS SGS:

Database:	Water Well Records	API #:	121973766600
IL SWSP #:	299290	Status:	Water Well
Date Drilled:	19971007050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	205	Lithologic Formation:	limestone
Top of Formation (ft):	170	Bottom of Formation (ft):	205
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973766600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AR255
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000298649**

Organization ID:	USGS-IL	Organization Name:	USGS Illinois Water Science Center
Monitor Location:	36N10E-31.2b1	Type:	Well
Description:	Not Reported	HUC:	07090003
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 Dolomite	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

AW256
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000340666**

WELLS SGS:

Database:	Water Well Records	API #:	121972834500
IL SWSP #:	160933	Status:	Water Well
Date Drilled:	19850330050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Knierim, Phil
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	120	Lithologic Formation:	rock
Top of Formation (ft):	40	Bottom of Formation (ft):	120
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972834500		

AX257
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000351965**

WELLS SGS:

Database:	Water Well Records	API #:	121974058600
IL SWSP #:	344828	Status:	Water Well
Date Drilled:	20011109060000	Farm Name:	1
Well Name:	1	Driller:	Strange, Robert E.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	160	Lithologic Formation:	limestone
Top of Formation (ft):	80	Bottom of Formation (ft):	160
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974058600		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AV258
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345348**

WELLS SGS:

Database:	Water Well Records	API #:	121973398800
IL SWSP #:	218539	Status:	Water Well
Date Drilled:	19530101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	60	Lithologic Formation:	limestone
Top of Formation (ft):	32	Bottom of Formation (ft):	60
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973398800		

259
West
1/2 - 1 Mile
Lower

IL WELLS **ILPW55131**

Database:	Illinois Private Well Database and PICS		
Well ID:	55131	2nd ID:	Not Reported
Owner:	SPARLIN W LOT 22	Driller:	LOCKPORT
Date drilled:	08/12/1971	Permit:	|013963
Depth:	125	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AU260
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000347233**

WELLS SGS:

Database:	Water Well Records	API #:	121973587100
IL SWSP #:	251268	Status:	Water Well
Date Drilled:	19930721050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	40	Bottom of Formation (ft):	125
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973587100		

AU261
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000338954**

WELLS SGS:

Database:	Water Well Records	API #:	121972661500
IL SWSP #:	160927	Status:	Water Well

Date Drilled:	19761020050000	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):	30	Bottom of Formation (ft):	100
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972661500		

AY262
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000358083**

WELLS SGS:

Database:	Water Well Records	API #:	121974674800
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19651123060000	Farm Name:	1-A
Well Name:	1-A	Driller:	Layne-Western Company
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	9	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&121974674800		

AZ263
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000353395**

WELLS SGS:

Database:	Water Well Records	API #:	121974201600
IL SWSP #:	383229	Status:	Water Well
Date Drilled:	20060406050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	600	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	44	Bottom of Formation (ft):	180
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974201600		

AU264
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000346423**

WELLS SGS:

Database:	Water Well Records	API #:	121973506300
IL SWSP #:	237016	Status:	Water Well
Date Drilled:	19920613050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fordonski, Keith
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	80	Lithologic Formation:	broken rock
Top of Formation (ft):	65	Bottom of Formation (ft):	80
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973506300		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AY265
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000358085**

WELLS SGS:

Database:	Water Well Records	API #:	121974675000
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19651123060000	Farm Name:	B-2
Well Name:	B-2	Driller:	Layne-Western Company
Elevation:	0	Elevation Reference:	Not Reported
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&121974675000		

BA266
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000334432**

WELLS SGS:

Database:	Water Well Records	API #:	121970209400
IL SWSP #:	160794	Status:	Water Well
Date Drilled:	19710812050000	Farm Name:	0001
Well Name:	0001	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	Lithologic Formation:	limestone
Top of Formation (ft):	46	Bottom of Formation (ft):	125
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121970209400		

BA267
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55132**

Database:	Illinois Private Well Database and PICS		
Well ID:	55132	2nd ID:	28348
Owner:	WUNDERLICH M	Driller:	WILL DUPAGE CO
Date drilled:	04/22/1985	Permit:	|117127
Depth:	140	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

BA268
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55133**

Database:	Illinois Private Well Database and PICS		
Well ID:	55133	2nd ID:	Not Reported
Owner:	SANDRA VAUAHN	Driller:	COMAR DRILLING CO
Date drilled:	00/00/0000	Permit:	Not Reported

Depth:	90	Record type:	A
Well Use:	Domestic	Well Type:	Bored
Aquifer type:	--		

AY269
SSE **IL WELLS** **ILSG40000358086**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974675100
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19651123060000	Farm Name:	B-3
Well Name:	B-3	Driller:	Layne-Western Company
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	9	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&121974675100		

AX270
NW **IL WELLS** **ILSG40000357372**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974600400
IL SWSP #:	0	Status:	Water Well
Date Drilled:	20151001050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick’s Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	200	Lithologic Formation:	limestone
Top of Formation (ft):	140	Bottom of Formation (ft):	200
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974600400		

BB271
WNW **IL WELLS** **ILSG40000351390**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974001100
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&121974001100		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BC272
North
1/2 - 1 Mile
Higher

IL WELLS **ILPW56004**

Database:	Illinois Private Well Database and PICS		
Well ID:	56004	2nd ID:	Not Reported
Owner:	SIEGEL R	Driller:	LOCKPORT
Date drilled:	01/30/1976	Permit:	|044053
Depth:	145	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

273
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000355637**

WELLS SGS:

Database:	Water Well Records	API #:	121974425400
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	20020624050000	Farm Name:	B-5
Well Name:	B-5	Driller:	IL Department of Transportation
Elevation:	620	Elevation Reference:	Ground level
Total Depth:	10	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&121974425400		

AZ274
West
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000343777**

WELLS SGS:

Database:	Water Well Records	API #:	121973207300
IL SWSP #:	157745	Status:	Water Well
Date Drilled:	19750810050000	Farm Name:	1
Well Name:	1	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	130	Lithologic Formation:	limestone
Top of Formation (ft):	70	Bottom of Formation (ft):	130
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973207300		

AX275
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000341649**

WELLS SGS:

Database:	Water Well Records	API #:	121972955200
IL SWSP #:	157725	Status:	Water Well

Date Drilled:	19870422050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Rob, Ronald Gene
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	125	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&121972955200		

AY276
SSE **IL WELLS** **ILSG40000358087**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974675200
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19651123060000	Farm Name:	B-4
Well Name:	B-4	Driller:	Layne-Western Company
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	8	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&121974675200		

AX277
NW **IL WELLS** **ILSG40000354063**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121974268300
IL SWSP #:	446749	Status:	Water Well
Date Drilled:	20090706050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dick's Well & Pump
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	180	Lithologic Formation:	limestone
Top of Formation (ft):	120	Bottom of Formation (ft):	180
Pump Flow (gpm):	12		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974268300		

BD278
NW **IL WELLS** **ILSG40000343776**
1/2 - 1 Mile
Lower

WELLS SGS:

Database:	Water Well Records	API #:	121973207200
IL SWSP #:	157744	Status:	Water Well
Date Drilled:	19830818050000	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):	140	Bottom of Formation (ft):	165
Pump Flow (gpm):	10		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973207200		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AY279
SSE
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000358084**

WELLS SGS:

Database:	Water Well Records	API #:	121974674900
IL SWSP #:	0	Status:	Engineering Test
Date Drilled:	19651123060000	Farm Name:	B-1
Well Name:	B-1	Driller:	Layne-Western Company
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&121974674900		

BB280
WNW
1/2 - 1 Mile
Lower

IL WELLS **ILEPANC70001297**

WELLS EPA:

Well ID:	19703610	Facility Name:	TUCKAWAY TAVERN
Facility #:	IL3116194	Well Status:	Inactive
Well Type:	NonPublic	Primary Use Name:	RESTAURANT
Population Count:	0	Update Time Stamp:	15-MAR-07
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		

AX281
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000350947**

WELLS SGS:

Database:	Water Well Records	API #:	121973956800
IL SWSP #:	0	Status:	Water Well
Date Drilled:	Not Reported	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	62	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&121973956800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AX282
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000345396**

WELLS SGS:

Database:	Water Well Records	API #:	121973403600
IL SWSP #:	160920	Status:	Water Well
Date Drilled:	19450101060000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Breitzke, Wm.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	162	Lithologic Formation:	limestone
Top of Formation (ft):	42	Bottom of Formation (ft):	162
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973403600		

AX283
NW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55113**

Database:	Illinois Private Well Database and PICS		
Well ID:	55113	2nd ID:	28507
Owner:	POLYAK K	Driller:	LOCKPORT
Date drilled:	08/09/1985	Permit:	|119449
Depth:	65	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AX284
NW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55114**

Database:	Illinois Private Well Database and PICS		
Well ID:	55114	2nd ID:	Not Reported
Owner:	CENTENIAL HOMES LOT 10	Driller:	KNIERIM
Date drilled:	10/20/1976	Permit:	|052662
Depth:	100	Record type:	RG
Well Use:	Domestic	Well Type:	~~
Aquifer type:	~~		

AX285
NW
1/2 - 1 Mile
Lower

IL WELLS **ILPW55115**

Database:	Illinois Private Well Database and PICS		
Well ID:	55115	2nd ID:	Not Reported
Owner:	PAUL BLAKE	Driller:	FYKES
Date drilled:	11/01/1989	Permit:	X1970019
Depth:	125	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

AX286
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000339976**

WELLS SGS:

Database:	Water Well Records	API #:	121972763600
IL SWSP #:	160930	Status:	Water Well
Date Drilled:	19790601050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Dreher & Schorie
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	102	Lithologic Formation:	limestone
Top of Formation (ft):	102	Bottom of Formation (ft):	0
Pump Flow (gpm):	15		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972763600		

BC287
North
1/2 - 1 Mile
Higher

IL WELLS **ILSG40000349806**

WELLS SGS:

Database:	Water Well Records	API #:	121973842500
IL SWSP #:	311664	Status:	Water Well
Date Drilled:	19990719050000	Farm Name:	9
Well Name:	9	Driller:	Buffington, G.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	301	Lithologic Formation:	Silurian dolomite
Top of Formation (ft):	152	Bottom of Formation (ft):	301
Pump Flow (gpm):	545		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973842500		

BD288
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000347685**

WELLS SGS:

Database:	Water Well Records	API #:	121973632100
IL SWSP #:	261564	Status:	Water Well
Date Drilled:	19940722050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Fykes, Charles N.
Elevation:	0	Elevation Reference:	Not Reported
Total Depth:	225	Lithologic Formation:	limestone
Top of Formation (ft):	76	Bottom of Formation (ft):	225
Pump Flow (gpm):	0		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121973632100		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BD289
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000353326**

WELLS SGS:

Database:	Water Well Records	API #:	121974194700
IL SWSP #:	380853	Status:	Water Well
Date Drilled:	20050601050000	Farm Name:	Not Reported
Well Name:	Not Reported	Driller:	Matherly, Hubert
Elevation:	635	Elevation Reference:	Ground level
Total Depth:	165	Lithologic Formation:	limestone
Top of Formation (ft):	45	Bottom of Formation (ft):	165
Pump Flow (gpm):	20		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121974194700		

BD290
NW
1/2 - 1 Mile
Lower

IL WELLS **ILSG40000339517**

WELLS SGS:

Database:	Water Well Records	API #:	121972717700
IL SWSP #:	160929	Status:	Water Well
Date Drilled:	19781230060000	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):	10	Bottom of Formation (ft):	100
Pump Flow (gpm):	25		
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&121972717700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
SSE **OIL_GAS** **ILOG30000196407**
1/2 - 1 Mile

API #:	121974240800	Permit ID:	Not Reported
Permit Date:	Not Reported	Well Status:	Stratigraphic Test
Max Depth:	14	Date Completed:	20080128060000
Formation:	Not Reported	Company Name:	Steven Baumann
Well Name:	Crest Hill, City of	Well #:	MW1A
Elevation:	590	Elevation Reference:	Not Reported
Logs:	Not Reported	ILStrat URL:	Not Reported
URL:	https://isgs-oas.isgs.illinois.edu/reports/rwservlet?oilsummary&121974240800		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: IL Radon

Radon Test Results

Zipcode	Result
60403	1
60403	2.2
60403	2.1

Federal EPA Radon Zone for WILL County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for WILL COUNTY, IL

Number of sites tested: 14

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.567 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.514 pCi/L	57%	43%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Illinois State Geological Survey
Telephone: 217-333-4747

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Oil and Gas Wells Listing
Source: Illinois State Geological Survey
Telephone: 217-333-5109
Oil and gas wells location points from the Illinois State Geological Survey database.

Water Well Records
Source: Illinois Geological Survey
Telephone: 217-333-4747

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)
Source: Illinois State Water Survey
Telephone: 217-333-9043

Water Well Location Information
Source: Illinois Environmental Protection Agency
Telephone: 217-782-0810

RADON

State Database: IL Radon
Source: Department of Nuclear Safety
Telephone: 217-785-9958
County Radon Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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Report On: Geotechnical Exploration **Lab No: 16397**

Project No: 2023-1301-04G **Cust No:**1301 **Page 1 of 1**

Client:	V3 Co.	**Report Date:**	09/21/2023
Project:	Crest Hill Water Main Replacement-Geotechnical Exploration and Pavement Thickness Determination	**Test Date:**	08/21/2023
Report No:	001		
Location:	Various Locations, Crest Hill, IL		

See attachment for the Geotechnical Exploration/Feasibility Study Report for Water Main Improvements and Pavement Thickness Determination at Various Locations within Village of Crest Hill.

Orig: V3 Co. Attn: Mr.Jason Holy (1-ec copy)
1-cc Laboratory

Respectfully Submitted,

Umar I. Ahmad, PE

THIS REPORT APPLIES ONLY TO THE STANDARDS OR PROCEDURES INDICATED AND TO THE SAMPLE(S) TESTED AND/OR OBSERVED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS OR PROCEDURES, NOR DO THEY REPRESENT AN ONGOING QUALITY ASSURANCE PROGRAM UNLESS SO NOTED. THESE REPORTS ARE FOR THE EXCLUSIVE USE OF THE ADDRESSED CLIENT AND ARE NOT TO BE REPRODUCED WITHOUT WRITTEN PERMISSION.

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GEOTECHNICAL EXPLORATION REPORT/ FEASIBILITY STUDY FOR Water Main Improvements and Pavement Thickness Determination at Various Locations Crest Hill, IL

PROJECT NUMBER 2023-1301-04G

Prepared For

Mr. Jason Holy
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517

23856 W. Andrew Rd., Unit 103, Plainfield, L 60585, Phone: (630) 780-5201, Fax: (630) 429-9099

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

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GEOTECHNICAL EXPLORATION REPORT/ FEASIBILITY STUDY FOR Water Main Improvements and Pavement Thickness Determination at Various Locations Crest Hill, IL

PROJECT NUMBER 2023-1301-04G

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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.

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FIELD EXPLORATION PROCEDURES

A total of ten (10) soil borings to a depth of 10 feet each were drilled for the watermain improvement. The drilled soil boring locations are shown on the enclosed Plate 2 (Boring Location Diagrams). The GPS coordinates are written on top of each boring log. The client specified the number, depths, and locations of the borings.

The borings were drilled using a track mounted Geoprobe 7822 DT drill rig, using hollow stem augers to advance the boreholes. The soil sampling was performed in accordance with the split-barrel procedure (ASTM: D 1586) with an automatic hammer, and in-situ undisturbed samples were retrieved using a split spoon sampler. The field engineer-maintained field logs noting the drilling and sampling methods, along with Standard Penetration values (N-values, "blows per foot"), observed groundwater levels, and preliminary soil classifications. Representative samples of the recovered soils were placed in sealed jars to reduce moisture loss before being submitted to our laboratory for examination, testing, and final classification by a Geotechnical Engineer.

If present, groundwater levels in the boreholes were measured during and after drilling. The levels of any encountered water are noted on the respective logs. The observed groundwater levels are discussed under the "Groundwater Conditions" section of this report. The drill crew backfilled the boreholes with soil cuttings after completing the groundwater measurements.

LABORATORY TESTING AND CLASSIFICATION

A Geotechnical Engineer initiated the laboratory classification program by examining each sample to determine the major and minor components, while also noting the color, degree of saturation, and lenses or seams found in the samples. The Engineer directed that selected samples be tested for moisture content and unconfined compressive strength (by hand penetrometer). The test results are shown on the respective logs in the Appendix.

The Geotechnical Engineer visually/manually classified the soils based on texture and plasticity in accordance with the Unified Soil Classification System (USCS). The capital letters in parentheses following the written soil descriptions on the boring logs are estimated group symbols based on this system. A chart describing the properties of the groups under this system is also included in the Appendix. After the classification, the Geotechnical Engineer grouped the soils by type into the strata shown on the boring logs. The stratification lines shown are approximate, *in situ*, as the transition between soil types may be abrupt or gradual in both the horizontal and vertical directions.

Soil samples will be retained for ninety (90) days after the date of this report. Please notify us if there is a desire to have the samples retained beyond this period; otherwise, the samples will be discarded.

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SITE CONDITIONS

Topography/Surface Features

At the time of our initial site visit, the areas were paved roads. The topography of the site was observed to be relatively sloping towards the South and West with surface elevations ranging from 597.00 to 639.00 between our borings. Elevations were assigned based on GPS coordinates and Google Earth. We strongly recommend that your project surveyor tie these elevations to National Geodetic Vertical Datum.

Soil Conditions

The soils encountered are shown on the borehole log in the Appendix of this report. The soil characteristics have been established only at the specific boring locations and under the environmental conditions at the time of our field exploration. Variations in the soil stratigraphy, compressive strength of the soil, and moisture content were encountered; and additional variations probably exist between and around the borings. The nature and extent of these variations would not become evident until exposed by construction excavation.

In general, underlying the surficial silty clay topsoil and fill soils, the site is predominately formed of soft to stiff lean clay, loose to medium dense silty sand. The soil profile described below is a generalized description of the conditions encountered at the boring location. The borehole log should be referred to for more specific information.

Borings B-1-Core C-1: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-2-Core C-2: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-3-Core C-3: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-4-Core C-3: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-5-Core C-5: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-6-Core C-6: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-7-Core C-7: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-8-Core C-8: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-9-Core C-9: Pavement cores for Asphalt thickness only (See Plate 13)
Borings B-10-Core C-10: Pavement cores for Asphalt thickness only (See Plate 13)

In boring B-1, Approximately 3.5 inches of asphalt and 7 inches of aggregate base were noted at the surface followed by very stiff to stiff to hard brown and gray mottled lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-2, Approximately 4.5 inches of asphalt and 7 inches of aggregate base were noted at the surface followed by very stiff, brown and gray mottled lean clay (CL) was encountered to an approximate depth of 6.0 feet BEG. Underlying the brown and gray mottled lean clay (CL), hard, brown lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG followed by hard, gray lean clay (CL) to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

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In boring B-3, Approximately 5.5 inches of asphalt and 8 inches of aggregate base were noted at the surface followed by very stiff, dark brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the dark brown lean clay (CL), stiff to very stiff, brown and gray mottled lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG followed by very stiff, gray lean clay (CL) to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-4, Approximately 5 inches of asphalt and 7 inches of aggregate base were noted at the surface followed by very stiff, dark brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the dark brown lean clay (CL), hard, brown and gray mottled lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG followed by hard, gray lean clay (CL) to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-5, Approximately 4.5 inches of asphalt and 7 inches of aggregate base were noted at the surface followed by hard, dark brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the dark brown lean clay (CL), firm, light brown and gray mottled lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG followed by very stiff, gray lean clay (CL) to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-6, Approximately 10 inches of asphalt and 9 inches of aggregate base were noted at the surface followed by loose, brown, and gray gravelly sand fill (FILL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the brown and gray gravelly sand fill (FILL), hard, to stiff brown lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. Free ground water was encountered during drilling at 7.5 feet BEG. No free ground water was encountered after drilling.

In boring B-7, Approximately 10 inches of asphalt and 5 inches of aggregate base were noted at the surface followed by hard, brown lean clay (CL) was encountered to an approximate depth of 8.5 feet BEG. Underlying the brown lean clay (CL), very stiff, brown and gray lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. Free ground water was encountered during drilling at 7.5 feet BEG. No free ground water was encountered after drilling.

In boring B-8, Approximately 5 inches of asphalt and 6 inches of aggregate base were noted at the surface followed by hard brown and gray mottled lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

In boring B-9, Approximately 9 inches of asphalt and 9 inches of aggregate base were noted at the surface followed by very stiff, brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the brown lean clay (CL), hard, brown, and gray mottled lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

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In boring B-10, Approximately 9 inches of asphalt and 6 inches of aggregate base were noted at the surface followed by very stiff, dark brown lean clay (CL) was encountered to an approximate depth of 3.5 feet BEG. Underlying the dark brown lean clay (CL), very stiff to hard, brown lean clay (CL) was encountered to the boring termination depth of 10 feet BEG. No free ground water was encountered during or after drilling.

The soft to hard consistency of silty clay was exhibited by calibrated pocket penetrometer resistance (PPR) values of 0.5 ton per square foot (tsf) to more than 4.5 tsf. Natural moisture content in silty clay was tested to range from 13.1 to 28.4 percent.

Groundwater Conditions

Groundwater level observations were made during and upon completion of drilling. Free groundwater was encountered during drilling in boring locations B-6 & B-7. No free ground water was encountered after drilling at all boring locations.

It should be noted that groundwater levels are subject to seasonal and long-term variations in response to climatic conditions and man-made influences. Groundwater levels particularly in less permeable cohesive soils (clay) like those found at the site occasionally, may not have had adequate time to stabilize prior to backfilling the boreholes. The hydrostatic groundwater level and any perched water levels will vary in elevation seasonally and annually depending on local amounts of precipitation, evaporation, surface runoff, infiltration, and land use. If detailed information about the groundwater levels is required, we recommend installing piezometers or monitoring wells to permit long-term observation of the groundwater levels and the fluctuations in these levels.

The stratifications shown on the Boring Logs represent the conditions at the actual boring locations. Variations may occur and should be expected between boring locations. The stratifications represent the approximate boundary between subsurface materials and the actual transition may be gradual.

Brown and gray coloration is typically an indication of a semi-permanent groundwater table. The brown and gray coloration of clay soils is indicative of oxidation whereas the gray coloration is indicative of a lack of oxidation which tends to occur below the lowest level of groundwater.

REVIEW AND RECOMMENDATIONS

Discussion

Based upon our analysis of the soil conditions, limited laboratory analysis and the available project information, the following recommendations were developed. If the project characteristics are changed from those assumed herein, our recommendations should be reviewed to see

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whether any modifications are needed. The soil conditions that were found will permit for the use of traditional waterline support for the proposed project.

Site Preparation

After excavation for water Main, the exposed, naturally occurring subgrade soil should be observed and tested by a Geotechnical Engineer or an experienced Materials Technician from **NASHnal Soil Testing, LLC** office to identify unsuitable soils if encountered.

Pipe Subgrade

Open Trench for the planned water main and services should be installed and backfilled in accordance with the current Standard Specifications for Water and Sewer Main Construction as recommended by **Illinois Department of Transportation** (IDOT). The water main should be installed in accordance with the project details to provide proper support for the pipe.

A minimum of Ten (10) inches of bedding stone (such as material meeting IDOT gradation requirements of CA-7 or other approved material) should be placed under the pipe and cover lower half of the pipe placed. Cobbles and boulders greater than three (3) inches in diameter should be removed from the pipe subgrade with their voids filled with bedding stone. The planned utilities are anticipated to include ductile iron pipe (DIP) or PVC Pipe. The planned invert elevation was not provided in the project documents but is anticipated to be located at a depth ranging from 4 to 8 feet below existing grade.

As revealed by the soil borings, subgrade soil will mostly be comprised of firm to hard clay and are suitable for the proposed construction. Any areas found to be unsuitable within the pipe bedding and/or in excavation should be undercut further and replaced with new approved compacted bedding material. When excavating for trenches, the subgrade soil should be carefully observed, and any unsuitable or unstable materials should be removed from the exposed trench bottom. If perched water is encountered or if rain or snowfall occurs, dewatering may be required in these areas when exposed or if subjected to any other form of water infiltration that would saturate the area.

Granular fill meeting the CA-6 gradation specifications should be placed in 8 to 10-inch loose lifts and compacted to at least 95% of the maximum Modified Proctor dry density (ASTM: D 1557). If used above the bedding material for trench backfill, clayey materials should be placed in 6 to 8-inch loose lifts and compacted to at least 95% of the maximum Modified Proctor dry density (ASTM: D 1557) or 98% of the maximum Standard Proctor dry density (ASTM: D 698). Please refer to the notes in the report Appendix concerning placement of compacted fill soils.

Care should be exercised so as not to disturb the clayey, bearing materials encountered at the bottom of the excavation. The exposed subgrade should be carefully observed by our representative to verify that the new bedding material will be placed on suitable bearing materials.

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Representative samples should be tested in the excavations to verify that the materials at the subgrade resemble those described on the Boring Logs. Any unsuitable, mixed, or organic materials should be completely removed from these areas.

Trenchless Excavation / Horizontal Directional Drilling (HDD):

Trenchless Excavation or Horizontal directional drilling (HDD) method can also be an option for this project. HDD typically includes drilling a pilot hole to a specified point. The hole is then enlarged gradually using a proper tool to approximately 1.5 times the diameter of the new pipe. The pipe is pulled back through the drilled path towards the drill rig. The pipe may be pulled back using either the cartridge method which involves connecting the joints during installation or the assembly line method which involves stringing out the pipe and connecting the joints at the ground surface prior to pulling back.

The unsuitable relatively low strength material was encountered at 6.5-8.5 feet below existing grade (BEG) in B-1, at 3.5-8.5 feet BEG in B-5, and 6.5-10.0 feet BEG at B-6. If the planned pipe depth is anticipated to be in this profile especially what is called firm to stiff lean clay materials, this may cause some restraints to HDD installation, however contractor should be ready to deal with such concerns and should be dealt by the contractor as means and method of installation. There may not be caving concerns in all borings during installation of HDD. In general, the subsurface soils are considered suitable for trenchless excavation/HDD methods.

As a general industry practice, the use of thick drilling mud, comprised of a bentonite slurry, is recommended to lubricate the cutting head during the drilling operations and coat/seal and maintain the bored path prior to and during installation or pull back. Resistivity, pH and any other testing was not part of our scope.

Pipe Corrosion Potential:

Based upon the limited testing performed such as pH value, Soil Corrosivity potential is minimal. The pH value of selective 3 samples were taken from upper 8 feet of boring B-2, B-3 and B-8 and determined the pH values of 8.0, 8.1 and 8.1 respectively.

Ductile iron pipe (DIP) if used should be protected using a polyethylene wrap, installed in accordance with ANSI/AWWA specifications/project specifications. Design should include an investigation for potential stray currents in the area. Cathodic protection to adjacent pipes or utilities in the area can be a source for higher amounts of potential stray currents. If that is the case, additional protection may be required.

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CONSTRUCTION CONSIDERATIONS

Groundwater

Based on the conditions found in some of the borings, free groundwater (possibly perched) is expected during the excavation for trenches or during the soil improvement process. Any water, which enters excavations from perched groundwater seepage, surface run-off, or direct precipitation, must be promptly pumped out. Water must not be allowed to pond in the trenches on exposed bearing soils or subgrade soils since it could soften and disturb them. The contractor should be prepared to handle surface groundwater encountered during the construction. The contractor shall plan an appropriate dewatering scheme so that all construction activities are performed in dry and stable conditions.

Equipment Selection/Soil Disturbance

The soil types at this site, particularly the silty clays when they are saturated or during freeze/thaw conditions, could be disturbed by construction equipment. It is the contractor's responsibility to choose equipment and work procedures, which will not unduly disturb the subgrade soils in the construction and landscaped areas. The contractor should also route construction traffic away from areas of planned pavement and slabs, to minimize soil disturbance.

If the equipment that is chosen causes rutting or pumping of the soils, it is the contractor's responsibility to switch to other types of equipment. The responsibility to properly select construction equipment to avoid disturbing soils on the site lies solely with the contractor. A note to this effect should be included in the project specifications.

Winter Construction

If the construction of this project begins or extends into the winter, the contractors must take special precautions. Only unfrozen fill and backfill should be used, and contractors may charge extra for importing unfrozen soil or keeping stockpiles of backfill from freezing. Clay soils will be especially difficult to work with under cold wet and/or freezing conditions. Placement of fill and/or concrete must is not permitted on frozen soil, and the bearing soils or subgrade should not be allowed to freeze after the concrete is placed. All footing excavations should be protected from freezing conditions and maintained free of ponded water before concrete placement. The concrete should be cast as soon as possible after excavation is prepared and backfilled as soon as possible after the concrete has attained its strength.

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Construction Safety

All excavations must comply with the requirements of OSHA 29 CFR, Part 1926, Subpart P "Excavations and Trenches." This document states that excavation safety is solely the responsibility of the contractor; the determination of SAFE slopes for excavation and trenches is to be made by the contractor's "competent person." Reference to this OSHA requirement should be included in the job specifications. The temporary excavation slopes greater than 5 feet in depth should conform to OSHA regulations. In general, such slopes should not be steeper than 1.5 horizontal to 1 vertical (OSHA Soil Type C), unless shoring is used.

The responsibility to provide safe working conditions on this site for earthwork, proposed construction, or any associated operations, is not borne in any manner by NASHnal Soil Testing, LLC.

Field Observation and Testing

Proper observation and testing during the construction phase of this project is an integral part of our recommendations. On-site observation during site preparation, fill placement, compaction, and construction, should be done by qualified personnel from **OUR** office. Exposed soils in excavations for backfill should be tested by means of hand auguring, and with a Dynamic Cone Penetrometer (DCP) in sandy soils or a Static Cone Penetrometer (SCP) in clayey soils.

Proposed fill materials should be submitted to our lab for Proctor compaction tests, and tests to check compliance with our recommendations and project specifications. A representative number of field density tests should be taken in compacted fill to aid in judging its suitability. The materials placed should be tested in accordance with the project specifications. We would be pleased to provide the testing services for this project.

GENERAL QUALIFICATIONS

This report has been prepared based on the soil and groundwater conditions found in our borings and on the design data that you have related to us. This report is intended solely for this project at the specific locations identified in the Introduction and Scope of Services. If there are any changes in size, scope, elevation, structural loads, location, use or nature of the construction from those discussed in the introduction of this report, or if our understanding of the project is incorrect or incomplete, we should be given the opportunity to review or modify our recommendations. If changes are made in the design and we are not given the opportunity to review these changes relative to our recommendations and to respond in writing, or we are not provided the opportunity to confirm the soil conditions are as expressed in this report during the construction of this project, our recommendations will not be considered valid.

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For this geotechnical exploration, we drilled ten (10) soil borings in the specified areas. Variations in the subsurface conditions were found, and it is probable that additional variations exist on the site that cannot be determined from our borings or the site reconnaissance. These variations, which could include greater or shallower depths of unsuitable soils than found at our borings, would not become apparent until the excavation is started. No warranty, express or implied, is presented in this report with respect to the soil and groundwater conditions on this site.

STANDARD OF CARE

The recommendations and opinions contained in this report are based on our interpretation of the subsurface conditions and represent our professional judgment. These judgments were determined in accordance with currently accepted engineering practices at this time and location, by professionals working under similar time and budget constraints. No other warranty is implied or intended.

Prepared by: _____

Umar T. Ahmad, PE
Registered Professional Engineer, Illinois
Registration # 062-055148

Expires 11/30/2023

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APPENDIX

SITE LOCATION DIAGRAM (Plate No. 1)

BORING LOCATION DIAGRAMS (Plate No. 2)

BORING LOGS (Plate No. 3 to 12)

PAVEMENT CORE DATA (Plate 13)

KEY TO TEST DATA

CLASSIFICATION OF SOILS

NOTES ON PLACEMENT OF COMPACTED FILL

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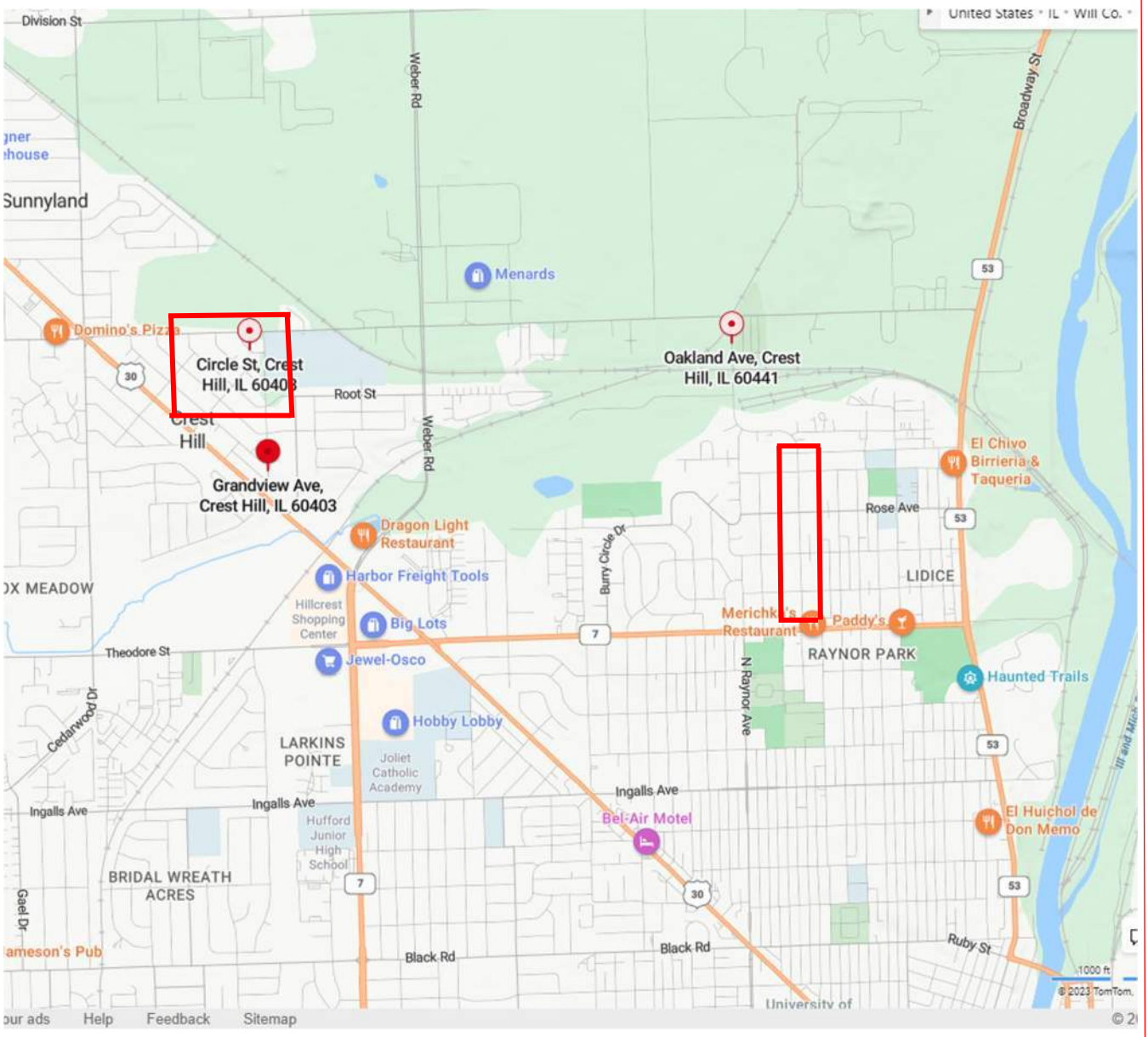
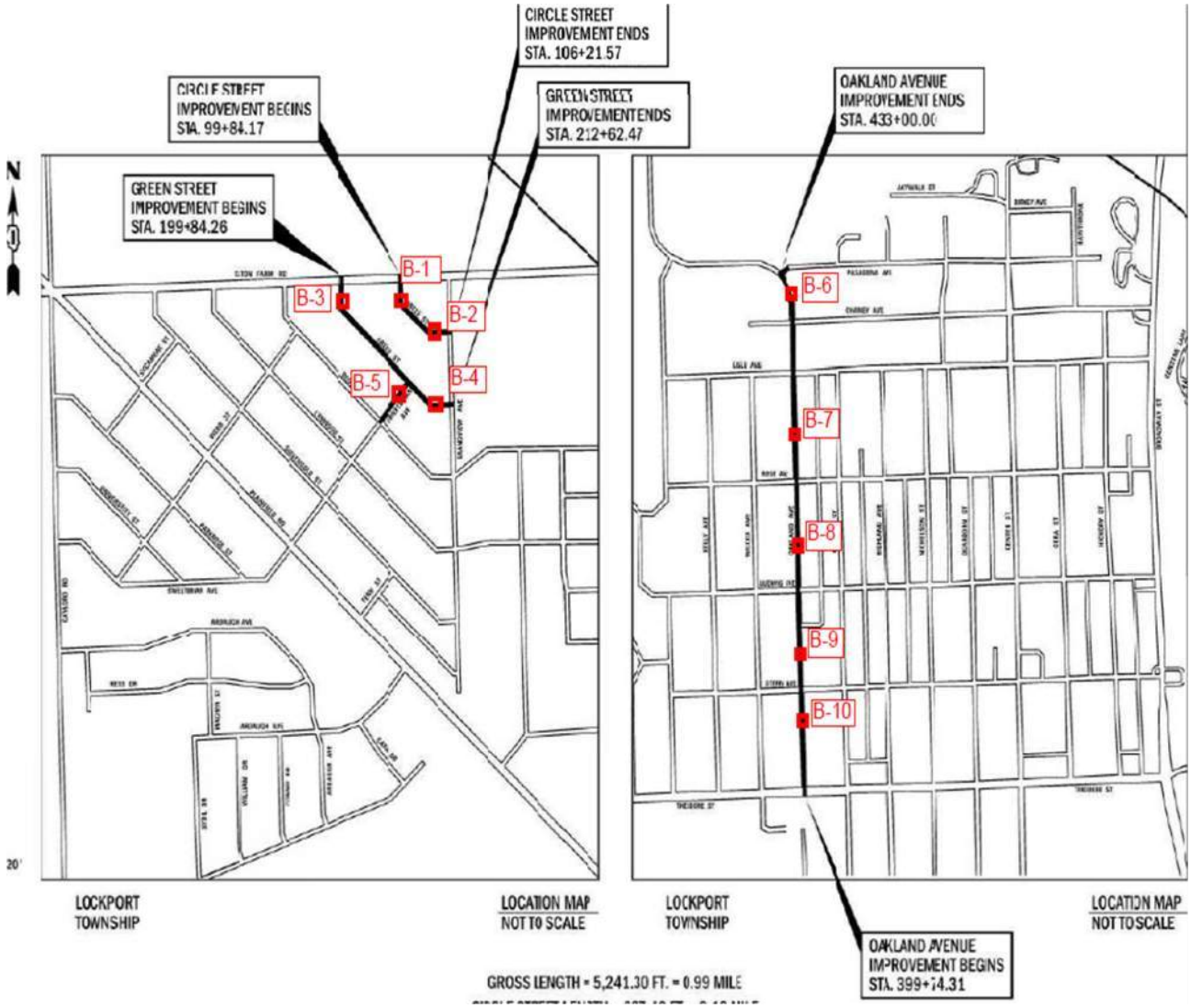


2023-1301-04G **Plate No. 1**

Water Main Improvements at Various Locations Village of Crest Hill, IL Site Location Diagram



2023-1301-04G **Plate No. 2**

Water Main Improvements at
Various Locations
Village of Crest Hill, IL
Boring Location Diagram

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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

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23856 W. Andrew Rd, Unit 103, Plainfield,

BOREHOLE LOG **Number B-2**

Client	V3 Companies **Plate 4**
Location	Water Main Improvements along Circle Street, Crest Hill, IL (41.565095, -88.131991)
Job Number	2023-1301-04G
Drill Rig Type	Geoprobe 7822
Sampler Type	Split Spoon (SS)
Boring Location	See Plate 2
Boring Elevation (ft)	624.00 **Date:** 8/21/2023

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS & AGG	**4.5 Inches of Asphalt & 7 Inches of Aggregate Base**	623.50
						1.0				623.00
						1.5				622.50
1	SS	2.50	17.0	23.9	8	2.0			**Brown & Grey Mottled Lean Clay (CL)**	622.00
						2.5			Trace Gravel-Very Stiff	621.50
						3.0			**Unit Weight 108.6 pcf**	621.00
						3.5		CL		620.50
						4.0				620.00
2	SS	2.50	10.0	17.7	11	4.5			Very Stiff	619.50
						5.0			**Unit Weight 112.1 pcf**	619.00
						5.5				618.50
						6.0				618.00
						6.5			**Brown Lean Clay (CL)**	617.50
3	SS	4.50	18.0	16.6	15	7.0			Trace Gravel-Hard	617.00
						7.5		CL	**Unit Weight 116.4 pcf**	616.50
						8.0				616.00
						8.5				615.50
						9.0			**Grey Lean Clay (CL)**	615.00
4	SS	4.50	18.0	18.3	16	9.5		CL	Trace Gravel-Hard	614.50
						10.0			**Unit Weight 115.0 pcf**	614.00

End of Boring at 10'

Water Level While Drilling : DRY
Water Level After Drilling : DRY
Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

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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

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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

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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

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BOREHOLE LOG **Number B-6**

Client	V3 Companies **Plate 8**
Location	Water Main Improvements along Oakland Ave., Crest Hill, IL (41.560932, -88.098546)
Job Number	2023-1301-04G
Drill Rig Type	Geoprobe 7822
Sampler Type	Split Spoon (SS)
Boring Location	See Plate 2
Boring Elevation (ft)	597.00 **Date:** 8/21/2023

Sample #	Sampling Method	Qp (tsf)	Sample Recovery (in)	Moisture Content (%)	Driving Resistance Blows/Ft (N)	Depth (ft)	Sample Depth	Graphic	Soil Description	Elevation (ft)
						0.5		AS & AGG	**10 Inches of Asphalt & 9 Inches of Aggregate Base**	596.50
						1.0				596.00
						1.5				595.50
1	SS	NA	10.0	NA	uahmad	2.0		FILL	**Brown & Grey Gravely Sand Fill (FILL)**	595.00
						2.5			Loose	594.50
						3.0				594.00
						3.5				593.50
						4.0		CL	**Brown Lean Clay (CL)**	593.00
2	SS	4.50	17.0	17.9	9	4.5			Trace Sand and Gravel-Hard	592.50
						5.0			**Unit Weight 112.7 pcf**	592.00
						5.5				591.50
						6.0				591.00
						6.5			Stiff	590.50
3	SS	1.25	17.0	20.6	8	7.0			**Unit Weight 106.3 pcf**	590.00
						7.5			**WL-WD**	589.50
						8.0				589.00
						8.5				588.50
						9.0				588.00
4	SS	1.25	4.0	19.8	8	9.5			Stiff	587.50
						10.0			**Unit Weight 109.7 pcf**	587.00

End of Boring at 10'

Water Level While Drilling : 7.5 Feet

Water Level After Drilling : DRY

Cave In Depth : None

Note: Soil group symbol and group name are determined based on visual classification. Plasticity index and liquid limit were estimated using ASTM D2488 due to insufficient material availability

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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

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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

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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

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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 — 1%" 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

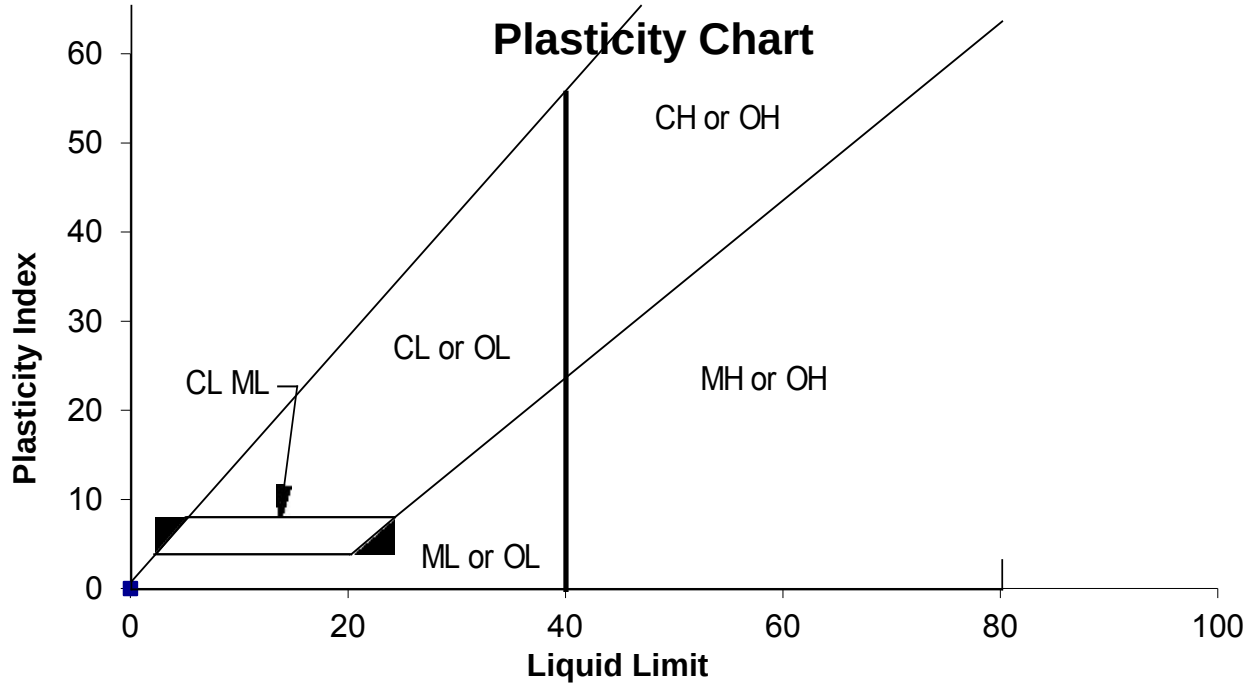
Unconfined Comp. Strength, Qu, tsf	Consistency
<0.25	Very Soft
0.25— 0.49	Soft
0.50 — 0.99	Medium (Firm)
1.00— 1.99	Stiff
2.00 — 3.99	Very Stiff
4.00 — 8.00	Hard
>8.00	Very Hard

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.