# Board of Education Meeting

Tuesday, January 16, 2024 6:00 PM
Central 301 District Office, 275 South St, P.O. Box 396, Burlington, IL 60109

1. **Meeting Call to Order**

1.A. Roll Call

1.B. Approval of Agenda

2. **Pledge of Allegiance**

3. **Public Open Forum**

3.A. Recognition of Visitors

3.B. Public Comments

4. **Action Reports**

4.A. Consent Agenda

4.A.1) Minutes:
Special Meeting December 14, 2023
Truth in Taxation Hearing December 18, 2023
Regular Meeting December 18, 2023

4.A.2) Treasurer's Reports

4.A.3) Payment of Bills

4.A.4) Payment of Bills - Northern Kane County Regional Vocational System

4.A.5) Personnel Report

4.B. Approve Veterinary Affiliation Agreements Renewals: Gilberts Animal Clinic and Kendall Road Equine Hospital

4.C. Approve Cheerleading Overnight Trip

4.D. Motion to Approve Resolution Authorizing the Sale of Real Property Located on Russell Road, as Presented

4.E. Motion to Approve Resolution Authorizing the Sale of Real Property Located on Rohrsen Road, as Presented

5. **Information Items**

5.A. New Property Environmental Due Diligence Report

5.B. Facilities Update

5.C. Athletics and Activities Update

5.D. Bus Bid Update

5.E. Review School Fees for 2024-2025 School Year

5.F. Enrollment Report

6. **Freedom of Information Act**

6.A. Ms. Welch - We received a request for multiple items relating to the 2016 referendum, past and current enrollment forecasts, and school capacity.

7. **Executive Session**

7.A. Adjourn to Closed Session to Hear Information Regarding: *Litigation, when an action against, affecting or on behalf of the particular public body has been filed and is pending before a court or administration tribunal, or when the public body finds that an action is probably or imminent, in which case the basis for the finding shall be recorded and entered into the minutes of the closed meeting [5 ILCS 120/2(c)(11)]. Discussion of minutes of meetings lawfully closed under the Open Meetings Act, whether for purposes of approval by the body of the minutes or semi-annual review of the minutes as mandated by Section 2.06 [5 ILCS 120/2(c)(21)].*

8. **Open Session**

8.A. Adjourn Closed Session to Return to Open Session

8.B. Action Items from Closed Session

8.B.1) Approval of December 14, 2023 Executive Session Minutes

8.B.2) Approval of December 18, 2023 Executive Session Minutes

8.B.3) Action on Semi-Annual Review of Closed Minutes

9. **Adjourn**

**Central Community Unit School District 301**
**Board of Education Minutes**

| | | | |
|---|---|---|---|
| Where: | Central CUSD #301 District Office | Meeting: | Special |
| Date: | December 14, 2023 | Time: | 4:30 p.m. |

| **Board Members Present** | |
|---|---|
| Junaid Afeef | Y |
| Marc Falk | N |
| Dornetria Hemphill | N |
| Eric Nolan | Y |
| Morgan Pappas | Y |
| Fred Vogt | Y |
| Jeff Gorman | Y |

| **Administrators Present** | |
|---|---|
| Esther Mongan | Y |
| Matthew Haug | N |
| Daina Pflug | N |
| Christine Barr | N |
| Shayne Birkmeier | N |
| Stephen Buchs | N |
| Daniel Carpenter | Y |
| Graydon Engle | N |
| Sarah Farrington | N |
| Jesse Hawley | N |
| Ted Juske | N |
| Kelsey Keith | N |
| Theresa Kolkebeck | N |
| Kim Lewis | N |
| Megan Minehart | N |
| Matt Newquist | N |
| Sarah Nolan | N |
| Alex Paszt | N |
| Edgar Pereda | N |
| Patrick Podgorski | Y |
| Dan Polowy | N |
| Pam Porto | N |
| Mike Potsic | N |
| Curtis Price | N |
| Tamara Proberts | N |
| Matt Rodewald | N |
| Melissa Rourke | N |
| Vicki Shadel | N |
| Erica Snyder | N |
| Andrew Speiden | N |
| Laura Taubery | N |
| Brian Tobin | N |
| Jessica VonSchnase | N |

Roll Call — Roll was called at 4:31 p.m.

Present: Afeef, Nolan, Pappas, Vogt, Gorman
Absent: Falk, Hemphill

Approve Secretary Pro Tem — Motion by Afeef, second by Pappas, to approve Nolan as Secretary Pro Tem.

Voting yes: Afeef, Nolan, Pappas, Vogt, Gorman
Voting no: None
Absent: Falk, Hemphill

Approve Agenda — Motion by Afeef, second by Pappas, to approve the agenda as presented.

Voting yes: Afeef, Nolan, Pappas, Vogt, Gorman
Voting no: None
Absent: Falk, Hemphill

Executive Session — Motion by Afeef, second by Pappas, to adjourn open session and move into executive session at 4:33 p.m.

Voting yes: Afeef, Nolan, Pappas, Vogt, Gorman
Voting no: None
Absent: Falk, Hemphill

Open Session — Motion by Pappas, second by Vogt, to adjourn executive session and return to open session at 5:41 p.m.

Voting yes: Afeef, Nolan, Pappas, Vogt, Gorman
Voting no: None
Absent: Falk, Hemphill

Motion for Discipline — Motion by Afeef, second by Pappas, to hold expulsion in abeyance pending successful completion of the ROE's Safe School program and to complete 8 hours of drug and alcohol counseling through the ROE program and to attend the June 2024 Board meeting to speak about the program.

Voting yes: Afeef, Nolan, Pappas, Vogt, Gorman
Voting no: None
Absent: Falk, Hemphill

Adjourn — Motion by Afeef, second by Pappas, to adjourn at 5:43 p.m.

Voting yes: Afeef, Falk, Hemphill, Nolan, Vogt, Gorman
Voting no: None
Absent: Pappas

BOE Meeting

1. Roll Call

2. Public Comment - There were no public comments.

3. Executive Session
   - 3.A <u>Adjourn to Closed Session</u> - The Board adjourned to closed session to hear information regarding exceptions 2(c)(9) and 2(c)(10).

4. Open Session
   - 4.A <u>Adjourn Closed Session to Return to Open Session</u>
   - 4.B <u>Action Items from Closed Session</u>
     - 4.B.1 <u>Student Disciplinary Decision/Action - Student 02-2023</u> - The Board approved the motion to hold expulsion in abeyance pending successful completion of the ROE's Safe School program and to complete 8 hours of drug and alcohol counseling through

the ROE program and to attend the June 2024 Board meeting to speak about the program.

5. Adjourn

_____ _____

Jeff Gorman - Board President Eric Nolan - Secretary Pro Tem

**Central Community Unit School District 301**
**Board of Education Truth in Taxation Hearing Minutes**

| | | | |
|---|---|---|---|
| Where: | Central CUSD #301 District Office | Meeting: | Hearing |
| Date: | December 18, 2023 | Time: | 5:45 p.m. |

| **Board Members Present** | |
|---|---|
| Junaid Afeef | N |
| Marc Falk | Y |
| Dornetria Hemphill | Y |
| Eric Nolan | Y |
| Morgan Pappas | Y |
| Fred Vogt | Y |
| Jeff Gorman | Y |

| **Administrators Present** | |
|---|---|
| Esther Mongan | Y |
| Matthew Haug | Y |
| Daina Pflug | Y |
| Christine Barr | N |
| Shayne Birkmeier | Y |
| Stephen Buchs | Y |
| Daniel Carpenter | N |
| Graydon Engle | Y |
| Sarah Farrington | N |
| Jesse Hawley | N |
| Ted Juske | N |
| Kelsey Keith | N |
| Theresa Kolkebeck | Y |
| Kim Lewis | Y |
| Megan Minehart | N |
| Matt Newquist | Y |
| Sarah Nolan | Y |
| Alex Paszt | Y |
| Edgar Pereda | N |
| Patrick Podgorski | Y |
| Dan Polowy | Y |
| Pam Porto | N |
| Mike Potsic | Y |
| Curtis Price | N |
| Tamara Proberts | N |
| Matt Rodewald | Y |
| Melissa Rourke | N |
| Vicki Shadel | Y |
| Erica Snyder | Y |
| Andrew Speiden | N |
| Laura Taubery | N |
| Brian Tobin | Y |
| Jessica VonSchnase | N |

Roll Call — Roll was called at 5:45 p.m.

Present: Falk, Hemphill, Nolan, Pappas, Vogt, Gorman
Absent: Afeef

Approve Agenda — Motion by Pappas, second by Nolan, to approve the agenda as presented.

Voting yes: Falk, Hemphill, Nolan, Pappas, Vogt, Gorman
Voting no: None
Absent: Afeef

Adjourn — Motion by Falk, second by Nolan, to adjourn at 5:59 p.m.

Voting yes: Falk, Hemphill, Nolan, Pappas, Vogt, Gorman
Voting no: None
Absent: Afeef

BOE Meeting

1. Roll Call

2. Review the 2023 Property Tax Levy Increase and Truth in Taxation Information - Business Manager Pflug shared that there have been no changes to the proposed 2023 tax levy information since the November 20, 2023 regular Board meeting. Public notice of the truth in taxation hearing was posted in the Daily Herald on December 6, 2023.

3. Review Fund Balances - Business Manager Pflug reviewed the cash and fund balances. We are requesting a 7.96% increase in anticipation of an estimated 7.28% increase in actual dollars received. This is expected to bring the school tax rate down 26 cents.

4. Hear Public Comments/Testimony - Public comments were heard regarding disapproval of a tax increase, desire to look at other options for the high school, and concern about the referendum.

5. Adjourn

_____ _____

Jeff Gorman - Board President — Marc Falk - Board Secretary

**Central Community Unit School District 301**
**Board of Education Minutes**

| | | | |
|---|---|---|---|
| Where: | Central CUSD #301 District Office | Meeting: | Regular |
| Date: | December 18, 2023 | Time: | 6:00 p.m. |

| **Board Members Present** | |
|---|---|
| Junaid Afeef | N |
| Marc Falk | Y |
| Dornetria Hemphill | Y |
| Eric Nolan | Y |
| Morgan Pappas | Y |
| Fred Vogt | Y |
| Jeff Gorman | Y |

| **Administrators Present** | |
|---|---|
| Esther Mongan | Y |
| Matthew Haug | Y |
| Daina Pflug | Y |
| Christine Barr | Y |
| Shayne Birkmeier | Y |
| Stephen Buchs | Y |
| Daniel Carpenter | N |
| Graydon Engle | Y |
| Sarah Farrington | N |
| Jesse Hawley | N |
| Ted Juske | N |
| Kelsey Keith | N |
| Theresa Kolkebeck | Y |
| Kim Lewis | Y |
| Megan Minehart | N |
| Matt Newquist | Y |
| Sarah Nolan | Y |
| Alex Paszt | Y |
| Edgar Pereda | N |
| Patrick Podgorski | Y |
| Dan Polowy | Y |
| Pam Porto | N |
| Mike Potsic | Y |
| Curtis Price | N |
| Tamara Proberts | N |
| Matt Rodewald | Y |
| Melissa Rourke | N |
| Vicki Shadel | Y |
| Erica Snyder | Y |
| Andrew Speiden | N |
| Laura Taubery | N |
| Brian Tobin | Y |
| Jessica VonSchnase | N |

Roll Call — Roll was called at 6:02 p.m.

Present: Falk, Hemphill, Nolan, Pappas, Vogt, Gorman
Absent: Afeef

Approve Agenda — Motion by Falk, second by Pappas, to approve the agenda as presented.

Voting yes: Falk, Hemphill, Nolan, Pappas, Vogt, Gorman
Voting no: None
Absent: Afeef

| | | |
|---|---|---|
| Consent Agenda | Motion by Nolan, second by Falk, to approve the consent agenda as presented. | |
| | Voting yes: | Falk, Hemphill, Nolan, Pappas, Vogt, Gorman |
| | Voting no: | None |
| | Absent: | Afeef |
| Approve Tax Levy | Motion by Falk, second by Nolan, to approve the tax levy as presented. | |
| | Voting yes: | Falk, Hemphill, Nolan, Pappas, Gorman |
| | Voting no: | Vogt |
| | Absent: | Afeef |
| Approve ILMEA Overnight Trip | Motion by Nolan, second by Hemphill, to approve the overnight trip to the ILMEA All-State Conference January 24-27, 2024. | |
| | Voting yes: | Falk, Hemphill, Nolan, Pappas, Vogt, Gorman |
| | Voting no: | None |
| | Absent: | Afeef |
| Approve the 2024-2025 School Calendar | Motion by Nolan, second by Pappas, to approve the 2024-2025 school calendar. | |
| | Voting yes: | Falk, Hemphill, Nolan, Pappas, Vogt, Gorman |
| | Voting no: | None |
| | Absent: | Afeef |
| Approve the 2025-2026 School Calendar | Motion by Falk, second by Pappas, to approve the 2025-2026 school calendar. | |
| | Voting yes: | Falk, Hemphill, Nolan, Pappas, Vogt, Gorman |
| | Voting no: | None |
| | Absent: | Afeef |
| Executive Session | Motion by Falk, second by Hemphill, to adjourn open session and move into executive session at 7:00 p.m. | |
| | Voting yes: | Falk, Hemphill, Nolan, Pappas, Vogt, Gorman |
| | Voting no: | None |
| | Absent: | Afeef |
| Open Session | Motion by Falk, second by Nolan, to adjourn executive session and return to open session at 7:36 p.m. | |
| | Voting yes: | Falk, Hemphill, Nolan, Pappas, Vogt, Gorman |
| | Voting no: | None |
| | Absent: | Afeef |
| Approve November 20, 2023 Executive Session Minutes | Motion by Falk, second by Hemphill, to approve the November 20, 2023 Executive Session Minutes. | |
| | Voting yes: | Falk, Hemphill, Nolan, Pappas, Vogt, Gorman |
| | Voting no: | None |
| | Absent: | Afeef |

Adjourn — Motion by Nolan, second by Hemphill, to adjourn at 7:42 p.m.

Voting yes: Falk, Hemphill, Nolan, Pappas, Vogt, Gorman
Voting no: None
Absent: Afeef

BOE Meeting

1. Roll Call

2. Pledge of Allegiance

3. Public Open Forum

3.A Recognition of Visitors – President Gorman and Superintendent Mongan welcomed attendees and those watching remotely.

3.B Public Comments – Public comments were shared regarding concerns about plans for building a new high school instead of adding on to the current building and plans for inclusive bathrooms in a new building.

4. Action Items

4.A Consent Agenda– Business Manager Pflug reviewed the revenues and expenditures. The District received $153,710.28 for 16 home starts in November, but did not receive any transition fees. The bills payable reports for Central and Northern Kane are typical and include two bond payments and one debt certificate payment totaling $1,997,600. We will submit to accept USDA funding in the amount of $127,425.27 for certain types of food and supplies.

4.B Approve Tax Levy – Business Manager Pflug shared that we held a truth in taxation hearing immediately before this meeting. No changes have been made to the levy numbers. We anticipate a decrease in our tax rate of approximately 26 cents from last year. While the District could cut programs, we cannot cut much in personnel costs and keep costs very low compared to neighboring districts. This levy will cover the budget that was approved last month.

4.C Approve ILMEA Overnight Trip – Principal Podgorski shared that one student was selected to be one of 55 students to participate in the ILMEA conference in Peoria January 24-27, 2024.

4.D Approve 2024-2025 School Calendar – Dr. Mongan shared that she continues to recommend version two of the draft calendar. We removed the trimesters as we are not sure we will be ready for that next school year, but pushed back the Kindergarten start date by one day to allow time for the teams to prepare for students.

4.E Approve 2025-2026 School Calendar – Dr. Mongan shared that the 2025-2026 calendar is aligned to the 2024-2025 calendar that was just approved, except that trimesters are added for elementary as it is anticipated that we can be ready by then. Should we find that we need to make a change to the calendar, we can do so at a later time.

5. Information Items

5.A High School Design - Mr. Stephen Nelson from Larson and Darby shared a video depicting a model of some spaces in the possible new high school building. We continue to work on the allotment of space and materials and there will be additional changes. Some bathrooms will be inclusive, but those are fully enclosed rooms, not just stalls. Other traditional gendered bathrooms will also be included in the building plans.

5.B Facilities Update - Facilities Director Polowy shared that the classroom addition at CHS is moving along as weather is cooperating. They expect to have it under roof soon so they can continue to work through the winter. They are reviewing capital projects to ensure all buildings are well-maintained. They are working on the bids for the generator installation this spring.

5.C. District Achievement Presentation - Curriculum Directors Birkmeier and Buchs presented demographic, achievement, and financial data from the 2022-2023 school report card. CMS and CT earned exemplary status, ranking them in the top 10% of schools in Illinois. All other schools received commendable status. We are the most diverse of our comparative districts and, while we still have work to do, especially in math, we are performing well overall

5.D Enrollment Report - Superintendent Mongan shared that the enrollment report is included in the packet. There were no questions regarding the report.

6. Freedom of Information Act
   6.A Ms. Casey - We received a request regarding literacy curricula used in elementary schools - We were able to comply with the request.

7. Executive Session
   7.A Adjourn to Closed Session - The Board adjourned to closed session to hear information regarding exceptions 2(c)(1), 2(c)(2), 2(c)(5), 2(c)(6), and 2(c)(21).

8. Open Session
   7.A Adjourn Closed Session to Return to Open Session

   7.B Action Items from Closed Session

      7.B.1 Approval of November 20, 2023 Executive Session Minutes - The Board approved the Executive Session Minutes from November 20, 2023.

9. Adjourn

**Next Meeting – January 16, 2024**

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Jeff Gorman - Board President Marc Falk - Board Secretary

CENTRAL
UNIT SCHOOL DISTRICT 301

# MEMORANDUM

TO: Dr. Esther Mongan, Superintendent, Board of Education

FROM: Daina Pflug, Business Manager

DATE: January 16, 2024

RE: Board Financial Report

- The Revenue and Expenditure Summary Reports are included in your Board Packet. Revenues are currently at 41.54% compared to 39.35% a year ago. Expenditures are at 43.86% as compared to 40.25% a year ago.
- The district received impact fees for December in the amount of $77,969.08 for 11 home starts. No transition fees came in this month.
- The bills payable reports for both Central 301 and Northern Kane are typical for the month of January.
- We have received the audit drafts for both Central 301 and Northern Kane and will have our auditor report on the final audit report at our February board meeting.

# Impact Fee Analysis

| Date | City/Village | Amount | Houses | Transition Fees | Fund | YTD | YTD |
|---|---|---|---|---|---|---|---|
| **FY24** | | (Capital Projects/Debt Svc fund) | | (Ed fund) | | | |
| 7/24/2023 | City of Elgin (June) | 176,832.85 | 23 | 10,815.00 | Debt Svc | | |
| 8/4/2023 | City of Elgin (July) | 180,868.94 | 20 | 0.00 | Debt Svc | | |
| 9/18/2023 | City of Elgin (Aug) | 138,819.68 | 15 | 0.00 | Debt Svc | | |
| 10/10/2023 | City of Elgin (Sept) | 77,817.32 | 11 | 0.00 | Debt Svc/Cap Proj | | |
| 11/10/2023 | City of Elgin (Oct) | 123,632.15 | 13 | 0.00 | Capital Projects | | |
| 12/12/2023 | City of Elgin (Nov) | 153,710.28 | 16 | 0.00 | Capital Projects | | |
| 1/10/2024 | City of Elgin (Dec) | 77,969.08 | 11 | 0.00 | Capital Projects | 929,650.30 | 109 |
| **Total FY24** | | **$ 929,650.30** | **109** | **$ 10,815.00** | | | |
| | *Budget FY24-Cap Proj* | 486,350.00 | | 30,000.00 | | | |
| | *Budget FY24-Debt Svc* | 513,650.00 | | | | | |
| **FY23** | | (Capital Projects/Debt Svc fund) | | (Ed fund) | | | |
| 7/11/2022 | City of Elgin (June) | 155,657.58 | 23 | 7,210.00 | Debt Svc | | |
| 8/8/2022 | City of Elgin (July) | 215,312.61 | 25 | 0.00 | Debt Svc | | |
| 9/12/2022 | City of Elgin (Aug) | 102,314.19 | 14 | 7,210.00 | Debt Svc | | |
| 10/7/2022 | City of Elgin (Sept) | 116,694.00 | 15 | 0.00 | Debt Svc/Cap Proj | | |
| 11/17/2022 | City of Elgin (Oct) | 50,046.00 | 9 | 0.00 | Capital Projects | | |
| 12/20/2022 | City of Elgin (Nov) | 49,555.31 | 8 | 0.00 | Capital Projects | | |
| 1/10/2022 | City of Elgin (Dec) | 35,062.12 | 5 | 0.00 | Capital Projects | 724,641.81 | 99 |
| 2/10/2023 | City of Elgin (Jan) | 68,098.46 | 10 | 0.00 | Capital Projects | | |
| 3/7/2023 | City of Elgin (Feb) | 36,518.05 | 6 | 0.00 | Capital Projects | | |
| 4/7/2023 | City of Elgin (Mar) | 42,443.76 | 8 | 0.00 | Capital Projects | | |
| 5/8/2023 | City of Elgin (Apr) | 97,222.19 | 13 | 0.00 | Capital Projects | | |
| 6/12/2023 | City of Elgin (May) | 134,362.45 | 17 | 0.00 | Capital Projects | | |
| **Total FY23** | | **$ 1,103,286.72** | **153** | **$ 14,420.00** | | | |
| | *Budget FY23-Cap Proj* | 900,000.00 | | 55,000.00 | | | |
| | *Budget FY23-Debt Svc* | 515,800.00 | | | | | |
| **FY22** | | (Capital Projects/Debt Svc fund) | | (Ed fund) | | | |
| 7/13/2021 | City of Elgin (June) | 142,895.33 | 22 | 29,425.04 | Debt Svc | | |
| 8/16/2021 | City of Elgin (July) | 72,627.88 | 14 | 0.00 | Debt Svc | | |
| 10/5/2021 | City of Elgin (Aug) | 185,073.87 | 32 | 0.00 | Debt Svc | | |
| 11/2/2021 | City of Elgin (Sept) | 56,813.62 | 10 | 4,190.04 | Debt Svc | | |
| 11/8/2021 | City of Elgin (Oct) | 113,970.16 | 16 | 0.00 | Debt Svc/Cap Proj | | |
| 12/6/2021 | Kane County | 3,454.40 | 2 | 0.00 | Land Cash/Cap Proj | | |
| 12/13/2021 | City of Elgin (Nov) | 138,752.49 | 22 | 2,095.02 | Capital Projects | | |
| 1/10/2022 | City of Elgin (Dec) | 121,286.29 | 15 | 0.00 | Capital Projects | 834,874.04 | 133 |
| 2/8/2022 | City of Elgin (Jan) | 36,526.53 | 5 | 9,305.02 | Capital Projects | | |
| 3/7/2022 | City of Elgin (Feb) | 106,896.38 | 18 | 9,305.02 | Capital Projects | | |
| 4/12/2022 | City of Elgin (Mar) | 291,910.58 | 37 | 0.00 | Capital Projects | | |
| 5/11/2022 | City of Elgin (Apr) | 271,003.52 | 30 | 0.00 | Capital Projects | | |
| 6/17/2022 | City of Elgin (May) | 163,200.44 | 19 | 0.00 | Capital Projects | | |
| **Total FY22** | | **$ 1,704,411.49** | **242** | **$ 54,320.14** | | | |
| | *Budget FY22-Cap Proj* | 478,000.00 | | 140,000.00 | | | |
| | *Budget FY22-Debt Svc* | 522,000.00 | | | | | |

| FD | Description | December 2023-24 Beginning Balance | December 2023-24 Deposits | December 2023-24 Withdrawals | December 2023-24 Monthly Activity | Ending Balance |
|---|---|---|---|---|---|---|
| 10 | IMPREST-DISTRICT | 2,152.67 | 1,193.63 | 292.82 | 900.81 | 3,053.48 |
| 10 | IMPREST-CHS | 3,593.30 | 7,000.00 | 7,961.00 | -961.00 | 2,632.30 |
| 10 | CASH IN BANK-EDUCATION | 186,505.61 | 9,776,844.46 | 4,804,319.70 | 4,972,524.76 | 5,159,030.37 |
| 10 | CASH IN BANK - PAYROLL | 1,979.13 | 3,000,078.48 | 3,000,321.08 | -242.60 | 1,736.53 |
| 10 | PAYFLEX ACCOUNT | 5,314.15 | 13,095.12 | 13,402.62 | -307.50 | 5,006.65 |
| 10 | PETTY CASH | 1,380.00 | | | | 1,380.00 |
| 10 | INVESTMENT- BUSINESS NOW/SWEEP | 33,571,458.31 | 121,983.94 | 7,728,395.25 | -7,606,411.31 | 25,965,047.00 |
| 10 | CHS ACTIVITY CASH | 308,075.22 | 11,623.00 | 13,211.33 | -1,588.33 | 306,486.89 |
| 10 | ELEM MS ACTIVITY CASH | 35,954.13 | 203.00 | 830.93 | -627.93 | 35,326.20 |
| 10 | INTERGOVERNMENTAL A/R NK | 10,952.00 | | | | 10,952.00 |
| 10 | | 34,127,364.52 | 12,932,021.63 | 15,568,734.73 | -2,636,713.10 | 31,490,651.42 |
| 20 | IMPREST-DISTRICT | | 863.90 | 863.90 | | |
| 20 | CASH IN BANK-O&M | 47,997.78 | 2,250,063.46 | 1,507,962.43 | 742,101.03 | 790,098.81 |
| 20 | CASH IN BANK - PAYROLL | 1,135.59 | 186,980.36 | 187,126.54 | -146.18 | 989.41 |
| 20 | INVESTMENT-BUSINESS NOW/SWEEP | 7,815,723.67 | 44,215.33 | 2,000,000.00 | -1,955,784.67 | 5,859,939.00 |
| 20 | | 7,864,857.04 | 2,482,123.05 | 3,695,952.87 | -1,213,829.82 | 6,651,027.22 |
| 30 | CASH IN BANK-DEBT SERVICE | 1,913.50 | 10,803,550.00 | 10,801,150.00 | 2,400.00 | 4,313.50 |
| 30 | INVESTMENT-BUSINESS NOW/SWEEP | 3,635,132.89 | 13,208.48 | 2,000,000.00 | -1,986,791.52 | 1,648,341.37 |
| 30 | | 3,637,046.39 | 10,816,758.48 | 12,801,150.00 | -1,984,391.52 | 1,652,654.87 |
| 40 | IMPREST-DISTRICT | | 942.47 | 942.47 | | |
| 40 | CASH IN BANK-TRANSPORTATION | 488,924.31 | 500,457.67 | 278,616.78 | 221,840.89 | 710,765.20 |
| 40 | CASH IN BANK - PAYROLL | 1,545.54 | 194,501.39 | 194,858.76 | -357.37 | 1,188.17 |
| 40 | INVESTMENT-BUSINESS NOW/SWEEP | 6,419,293.09 | 23,324.89 | 500,000.00 | -476,675.11 | 5,942,617.98 |
| 40 | | 6,909,762.94 | 719,226.42 | 974,418.01 | -255,191.59 | 6,654,571.35 |
| 50 | CASH IN BANK-IMRF | 20,072.82 | 424,214.20 | 283,100.76 | 141,113.44 | 161,186.26 |
| 50 | CASH IN BANK-PAYROLL | | 121,226.82 | 121,226.82 | | |
| 50 | INVESTMENT-BUSINESS NOW/SWEEP | 3,107,366.84 | 27,107.22 | 300,000.00 | -272,892.78 | 2,834,474.06 |
| 50 | INTERGOVERNMENTAL A/R NK | 130.84 | | | | 130.84 |
| 50 | | 3,127,570.50 | 572,548.24 | 704,327.58 | -131,779.34 | 2,995,791.16 |
| 60 | CASH IN BANK-CAPITAL PROJECT | 321,854.68 | 153,710.28 | | 153,710.28 | 475,564.96 |
| 60 | INVESTMENTS-BUSINESS NOW/SWEEP | 4,560,379.30 | 16,570.42 | | 16,570.42 | 4,576,949.72 |
| 60 | | 4,882,233.98 | 170,280.70 | | 170,280.70 | 5,052,514.68 |
| 70 | CASH IN BANK-WORKING CASH | 483.44 | | | | 483.44 |
| 70 | INVESTMENT-BUSINESS NOW/SWEEP | 2,876,571.90 | 10,452.20 | | 10,452.20 | 2,887,024.10 |
| 70 | | 2,877,055.34 | 10,452.20 | | 10,452.20 | 2,887,507.54 |
| 80 | CASH IN BANK-TORT | 2,128.63 | 120,069.88 | 40,998.19 | 79,071.69 | 81,200.32 |
| 80 | INVESTMENT- BUSINESS NOW/SWEEP | 851,929.63 | 3,095.54 | | 3,095.54 | 855,025.17 |
| 80 | | 854,058.26 | 123,165.42 | 40,998.19 | 82,167.23 | 936,225.49 |
| | Grand Asset Totals | 64,279,948.97 | 27,826,576.14 | 33,785,581.38 | -5,959,005.24 | 58,320,943.73 |

**Number of Accounts:** 30

********** End of report **********

# Central Community Unit School Dist. 301
## Revenue Summary Report
## December 2023

| | 2023-24 Original Budget | % of Fund | December MTD | 2023-24 FYTD | Remaining Budget | FYTD Percent |
|---|---|---|---|---|---|---|
| **10-Education Fund** | | | | | | |
| Total Local Revenue | 44,744,579.00 | 59.71% | 282,972.74 | 21,786,739.43 | 22,957,839.57 | 48.69% |
| Total State Revenue | 25,795,166.00 | 34.42% | 1,111,607.70 | 6,017,358.65 | 19,777,807.35 | 23.33% |
| Total Federal Revenue | 4,394,851.00 | 5.86% | 140,832.98 | 1,642,470.89 | 2,752,380.11 | 37.37% |
| **Total Education Fund** | **74,934,596.00** | **100.00%** | **1,535,413.42** | **29,446,568.97** | **45,488,027.03** | **39.30%** |
| **20-O&M Fund** | | | | | | |
| Total Local Revenue | 7,150,590.00 | 63.89% | 46,248.50 | 3,655,038.96 | 3,495,551.04 | 51.12% |
| Total State Revenue | 4,042,208.00 | 36.11% | - | - | 4,042,208.00 | 0.00% |
| Total Federal Revenue | - | 0.00% | 245,891.16 | 245,891.16 | (245,891.16) | 0.00% |
| **Total O&M Fund** | **11,192,798.00** | **100.00%** | **292,139.66** | **3,900,930.12** | **7,291,867.88** | **34.85%** |
| **30-Debt Service Fund** | | | | | | |
| Total Local Revenue | 9,393,341.00 | 100.00% | 13,208.48 | 5,142,203.31 | 4,251,137.69 | 54.74% |
| **Total Debt Service Fund** | **9,393,341.00** | **100.00%** | **13,208.48** | **5,142,203.31** | **4,251,137.69** | **54.74%** |
| **40-Transportation Fund** | | | | | | |
| Total Local Revenue | 2,978,519.00 | 51.36% | 23,581.89 | 1,572,149.38 | 1,406,369.62 | 52.78% |
| Total State Revenue | 2,820,265.00 | 48.64% | - | 1,404,917.06 | 1,415,347.94 | 49.82% |
| Total Federal Revenue | - | 0.00% | - | 6,208.00 | (6,208.00) | 0.00% |
| **Total Transportation Fund** | **5,798,784.00** | **100.00%** | **23,581.89** | **2,983,274.44** | **2,815,509.56** | **51.45%** |
| **50-IMRF/SS Fund** | | | | | | |
| Total Local Revenue | 1,984,100.00 | 100.00% | 27,107.22 | 1,119,315.34 | 864,784.66 | 56.41% |
| **Total IMRF/SS Fund** | **1,984,100.00** | **100.00%** | **27,107.22** | **1,119,315.34** | **864,784.66** | **56.41%** |
| **60-Capital Projects Fund** | | | | | | |
| Total Local Revenue | 555,350.00 | 100.00% | 170,280.70 | 431,359.08 | 123,990.92 | 77.67% |
| **Total Capital Projects Fund** | **555,350.00** | **100.00%** | **170,280.70** | **431,359.08** | **123,990.92** | **77.67%** |
| **70-Working Cash Fund** | | | | | | |
| Total Local Revenue | 146,810.00 | 100.00% | 10,452.20 | 118,497.55 | 28,312.45 | 80.71% |
| **Total Working Cash Fund** | **146,810.00** | **100.00%** | **10,452.20** | **118,497.55** | **28,312.45** | **80.71%** |
| **80-Tort Fund** | | | | | | |
| Total Local Revenue | 999,374.00 | 100.00% | 3,095.54 | 480,436.98 | 518,937.02 | 48.07% |
| **Total Tort Fund** | **999,374.00** | **100.00%** | **3,095.54** | **480,436.98** | **518,937.02** | **48.07%** |
| **Revenue-All Funds** | | | | | | |
| 1000 Total Local Revenue | 67,952,663.00 | 64.71% | 576,947.27 | 34,305,740.03 | 33,646,922.97 | 50.48% |
| 3000 Total State Revenue | 32,657,639.00 | 31.10% | 1,111,607.70 | 7,422,275.71 | 25,235,363.29 | 22.73% |
| 4000 Total Federal Revenue | 4,394,851.00 | 4.19% | 386,724.14 | 1,894,570.05 | 2,500,280.95 | 43.11% |
| **Total Revenue-All Funds** | **105,005,153.00** | **100.00%** | **2,075,279.11** | **43,622,585.79** | **61,382,567.21** | **41.54%** |

# Central Community Unit School Dist. 301
## Revenue Detail Report
## December 2023

| Account Number | Description | 2023-24 Original Budget | December MTD | 2023-24 FYTD | Remaining Budget | FYTD Percent |
|---|---|---|---|---|---|---|
| 10R000 1110 0000 | TAXES | 33,632,222.00 | $ - | $ 16,210,273.43 | $ 17,421,948.57 | 48.20% |
| 10R000 1140 0000 | SPECIAL ED TAXES | 6,924,957.00 | $ - | $ 3,402,161.39 | $ 3,522,795.61 | 49.13% |
| 10R001 1510 0000 | INTEREST | 456,000.00 | $ 121,983.94 | $ 709,309.57 | $ (253,309.57) | 155.55% |
| 10R002 1611 0000 | LUNCH, STUDENTS | 1,119,000.00 | $ 116,240.91 | $ 631,611.02 | $ 487,388.98 | 56.44% |
| 10R002 1620 0000 | LUNCH, ADULTS | 2,500.00 | $ - | $ - | $ 2,500.00 | 0.00% |
| 10R000 1711 0000 | ATHLETIC ADMISSION | 55,000.00 | $ 70.00 | $ 29,837.00 | $ 25,163.00 | 54.25% |
| 10R000 1720 0000 | ATHLETIC PART FEE | 146,000.00 | $ 3,170.00 | $ 103,150.00 | $ 42,850.00 | 70.65% |
| 10R002 1720 0000 | OTHER FEES | 297,800.00 | $ 7,443.75 | $ 141,624.48 | $ 156,175.52 | 47.56% |
| 10R000 1799 0000 | ACTIVITY ACCOUNTS REVENUE | 545,000.00 | $ 11,826.00 | $ 217,511.93 | $ 327,488.07 | 39.91% |
| 10R000 1811 0000 | TEXTBOOK INCOME | 900,000.00 | $ 19,327.04 | $ 213,233.19 | $ 686,766.81 | 23.69% |
| 10R000 1830 0000 | TECHNOLOGY FEES | 350,000.00 | $ 1,724.00 | $ 58,795.40 | $ 291,204.60 | 16.80% |
| 10R000 1930 0000 | TRANSITION FEES | 30,000.00 | $ - | $ 10,815.00 | $ 19,185.00 | 36.05% |
| 10R000 1950 0000 | REFUND OF PRIOR YEAR EXPEND | 100,000.00 | $ - | $ 32,914.70 | $ 67,085.30 | 32.91% |
| 10R000 1970 0000 | DRIVERS ED B-T-W | 66,100.00 | $ 887.10 | $ 12,161.60 | $ 53,938.40 | 18.40% |
| 10R002 1991 0000 | CAREER PATHWAYS | 70,000.00 | $ - | $ - | $ 70,000.00 | 0.00% |
| 10R000 1999 0000 | OTHER LOCAL REVENUES | 50,000.00 | $ 300.00 | $ 13,340.72 | $ 36,659.28 | 26.68% |
| **Total Local Revenue** | | **44,744,579.00** | **$ 282,972.74** | **$ 21,786,739.43** | **$ 22,957,839.57** | **48.69%** |
| 10R000 3001 0000 | EVIDENCE-BASE FUNDING | 8,066,540.00 | $ 1,096,250.00 | $ 5,481,250.00 | $ 2,585,290.00 | 67.95% |
| 10R001 3001 0000 | EVIDENCE-BASE FUNDING-MV COOP | 250,000.00 | $ - | $ 41,241.71 | $ 208,758.29 | 16.50% |
| 10R002 3001 0000 | EVIDENCE BASED FUNDING-ALOP | 95,000.00 | $ 6,682.46 | $ 26,729.84 | $ 68,270.16 | 0.00% |
| 10R000 3100 0000 | SPECIAL ED - PRIVATE FACILITY | 600,000.00 | $ - | $ 342,635.80 | $ 257,364.20 | 57.11% |
| 10R000 3120 0000 | SPECIAL ED - ORPHANAGE | 59,730.00 | $ - | $ 40,745.73 | $ 18,984.27 | 68.22% |
| 10R000 3220 0000 | CAREER & TECHNICAL EDUCATION | 42,927.00 | $ - | $ 58,374.16 | $ (15,447.16) | 135.98% |
| 10R000 3235 0000 | CTE AGRICULTURE EDUCATION | 1,970.00 | $ - | $ 2,927.00 | $ (957.00) | 148.58% |
| 10R002 3235 0000 | CTE FFA 3 CIRCLES GRANT | 27,745.00 | $ - | $ - | $ 27,745.00 | 0.00% |
| 10R000 3360 0000 | STATE FREE LUNCH & BREAKFAST | 1,000.00 | $ 248.36 | $ 2,593.10 | $ (1,593.10) | 259.31% |
| 10R000 3370 0000 | DRIVER ED | 45,500.00 | $ 8,426.88 | $ 16,853.76 | $ 28,646.24 | 37.04% |
| 10R000 3998 0000 | TRS-ON BEHALF PAYMENTS | 16,500,000.00 | $ - | $ - | $ 16,500,000.00 | 0.00% |
| 10R000 3999 0000 | OTHER STATE REVENUE | 100,747.00 | $ - | $ - | $ 100,747.00 | 0.00% |
| 10R001 3999 0000 | LIBRARY GRANT | 4,007.00 | $ - | $ 4,007.55 | $ (0.55) | 100.01% |
| **Total State Revenue** | | **25,795,166.00** | **$ 1,111,607.70** | **$ 6,017,358.65** | **$ 19,777,807.35** | **23.33%** |
| 10R000 4210 0000 | NAT'L SCHOOL LUNCH PROGRAM | 610,000.00 | $ 45,363.04 | $ 159,214.89 | $ 450,785.11 | 0.00% |
| 10R000 4300 0000 | TITLE I LOW INCOME | 234,068.00 | $ - | $ 48,428.00 | $ 185,640.00 | 20.69% |
| 10R000 4400 0000 | TITLE IV-A SSAE GRANT | 14,869.00 | $ - | $ 13,635.00 | $ 1,234.00 | 91.70% |
| 10R000 4600 0000 | IDEA PRESCHOOL | 10,455.00 | $ - | $ 5,738.00 | $ 4,717.00 | 54.88% |
| 10R000 4620 0000 | IDEA FLOW THROUGH | 989,157.00 | $ - | $ 446,628.00 | $ 542,529.00 | 45.15% |
| 10R000 4625 0000 | IDEA FLOW THROUGH ROOM & BOARD | 400,000.00 | $ 74,310.39 | $ 179,991.07 | $ 220,008.93 | 45.00% |
| 10R000 4745 0000 | CARL PERKINS | 20,950.00 | $ - | $ 28,216.77 | $ (7,266.77) | 134.69% |
| 10R000 4905 0000 | TITLE III IEP GRANT | 12,612.00 | $ - | $ 566.00 | $ 12,046.00 | 4.49% |
| 10R000 4909 0000 | TITLE III ELL-TBE/TPI LIPLEPS | 42,941.00 | $ - | $ 28,560.00 | $ 14,381.00 | 66.51% |
| 10R000 4932 0000 | TITLE II-TEACHER QUALITY | 60,871.00 | $ - | $ 1,322.00 | $ 59,549.00 | 2.17% |
| 10R000 4991 0000 | MEDICAID MATCHING-ADMIN OUTREACH | 100,000.00 | $ 13,942.34 | $ 28,380.28 | $ 71,619.72 | 28.38% |
| 10R000 4992 0000 | MEDICAID MATCHING-FEE FOR SVC | 290,000.00 | $ 7,217.21 | $ 21,080.88 | $ 268,919.12 | 7.27% |
| 10R001 4998 0000 | ESSER DIGITAL EQUITY GRANT | 1,584,000.00 | $ - | $ 558,000.00 | $ 1,026,000.00 | 35.23% |
| 10R003 4998 0000 | ESSER III GRANT (ARP) | 23,128.00 | $ - | $ 120,768.00 | $ (97,640.00) | 522.17% |
| 10R004 4998 0000 | ARP IDEA FLOW-THROUGH | - | $ - | $ 139.00 | $ (139.00) | 0.00% |
| 10R005 4998 0000 | ARP IDEA PRESCHOOL | 1,800.00 | $ - | $ 1,803.00 | $ (3.00) | 0.00% |
| **Total Federal Revenue** | | **4,394,851.00** | **$ 140,832.98** | **$ 1,642,470.89** | **$ 2,752,380.11** | **37.37%** |
| **Total Education Fund** | | **74,934,596.00** | **$ 1,535,413.42** | **$ 29,446,568.97** | **$ 45,488,027.03** | **39.30%** |
| 20R000 1111 0000 | TAXES | 6,586,895.00 | $ - | $ 3,257,039.78 | $ 3,329,855.22 | 49.45% |
| 20R000 1230 0000 | CORP PERSONAL PROPERTY TAX | 254,995.00 | $ 9,259.20 | $ 80,891.87 | $ 174,103.13 | 31.72% |
| 20R001 1510 0000 | INTEREST | 190,700.00 | $ 34,956.13 | $ 259,071.04 | $ (68,371.04) | 135.85% |
| 20R001 1720 0000 | PARKING FEES | 32,000.00 | $ 450.00 | $ 30,450.00 | $ 1,550.00 | 95.16% |
| 20R000 1910 0000 | RENTALS | 48,000.00 | $ 500.00 | $ 26,136.50 | $ 21,863.50 | 54.45% |
| 20R000 1950 0000 | REFUND OF PRIOR YEAR EXPENDITURES | 3,000.00 | $ 782.57 | $ 782.57 | $ 2,217.43 | 26.09% |
| 20R000 1999 0000 | OTHER REVENUE | 35,000.00 | $ 300.60 | $ 667.20 | $ 34,332.80 | 1.91% |
| **Total Local Revenue** | | **7,150,590.00** | **$ 46,248.50** | **$ 3,655,038.96** | **$ 3,495,551.04** | **51.12%** |
| 20R000 3001 0000 | EVIDENCE-BASE FUNDING | 3,992,208.00 | $ - | $ - | $ 3,992,208.00 | 0.00% |
| 20R000 3925 0000 | SCHOOL MAINTENANCE GRANT | 50,000.00 | $ - | $ - | $ 50,000.00 | 0.00% |
| **Total State Revenue** | | **4,042,208.00** | **$ -** | **$ -** | **$ 4,042,208.00** | **0.00%** |
| 20R000 4999 0000 | OTHER REVENUE | - | $ 245,891.16 | $ 245,891.16 | $ (245,891.16) | 0.00% |
| **Total Federal Revenue** | | **-** | **$ 245,891.16** | **$ 245,891.16** | **$ (245,891.16)** | **0.00%** |
| **Total O&M Fund** | | **11,192,798.00** | **$ 292,139.66** | **$ 3,900,930.12** | **$ 7,291,867.88** | **34.85%** |

# Central Community Unit School Dist. 301
## Revenue Detail Report
## December 2023

| Account Number | Description | 2023-24 Original Budget | December MTD | 2023-24 FYTD | Remaining Budget | FYTD Percent |
|---|---|---|---|---|---|---|
| 30R000 1112 0000 | TAXES | 8,814,821.00 | $ - | $ 4,451,214.15 | $ 4,363,606.85 | 50.50% |
| 30R001 1510 0000 | INTEREST | 64,870.00 | $ 13,208.48 | $ 177,339.16 | $ (112,469.16) | 273.38% |
| 30R000 1930 0000 | IMPACT FEES | 513,650.00 | $ - | $ 513,650.00 | $ - | 100.00% |
| **Total Local Revenue** | | **9,393,341.00** | **$ 13,208.48** | **$ 5,142,203.31** | **$ 4,251,137.69** | **54.74%** |
| **Total Debt Service Fund** | | **9,393,341.00** | **$ 13,208.48** | **$ 5,142,203.31** | **$ 4,251,137.69** | **54.74%** |
| 40R000 1113 0000 | TAXES | 2,848,619.00 | $ - | $ 1,400,888.23 | $ 1,447,730.77 | 49.18% |
| 40R000 1415 0000 | FIELD TRIP FEES | 600.00 | $ 257.00 | $ 257.00 | $ 343.00 | 42.83% |
| 40R001 1510 0000 | INTEREST | 107,300.00 | $ 23,324.89 | $ 158,454.18 | $ (51,154.18) | 147.67% |
| 40R000 1950 0000 | PRIOR YEAR REFUND | 17,000.00 | $ - | $ 2,475.82 | $ 14,524.18 | 14.56% |
| 40R000 1999 0000 | OTHER REVENUE | 5,000.00 | $ - | $ 10,074.15 | $ (5,074.15) | 201.48% |
| **Total Local Revenue** | | **2,978,519.00** | **$ 23,581.89** | **$ 1,572,149.38** | **$ 1,406,369.62** | **52.78%** |
| 40R000 3500 0000 | STATE AID, REGULAR | 1,591,844.00 | $ - | $ 809,354.30 | $ 782,489.70 | 50.84% |
| 40R000 3510 0000 | STATE AID, SPECIAL ED | 1,228,421.00 | $ - | $ 595,562.76 | $ 632,858.24 | 48.48% |
| **Total State Revenue** | | **2,820,265.00** | **$ -** | **$ 1,404,917.06** | **$ 1,415,347.94** | **49.82%** |
| 40R003 4998 0000 | ESSER III GRANT (ARP) | - | $ - | $ 6,208.00 | $ (6,208.00) | 0.00% |
| **Total Federal Revenue** | | **-** | **$ -** | **$ 6,208.00** | **$ (6,208.00)** | **0.00%** |
| **Total Transportation Fund** | | **5,798,784.00** | **$ 23,581.89** | **$ 2,983,274.44** | **$ 2,815,509.56** | **51.45%** |
| 50R000 1114 0000 | IMRF TAXES | 918,375.00 | $ - | $ 462,781.06 | $ 455,593.94 | 50.39% |
| 50R000 1151 0000 | SOC SEC/MEDICARE TAXES | 945,375.00 | $ - | $ 462,781.06 | $ 482,593.94 | 48.95% |
| 50R000 1230 0000 | CORP PERSONAL PROPERTY TAX | 70,000.00 | $ 9,259.20 | $ 80,891.85 | $ (10,891.85) | 115.56% |
| 50R001 1510 0000 | INTEREST | 50,350.00 | $ 17,848.02 | $ 112,861.37 | $ (62,511.37) | 224.15% |
| **Total Local Revenue** | | **1,984,100.00** | **$ 27,107.22** | **$ 1,119,315.34** | **$ 864,784.66** | **56.41%** |
| **Total IMRF/SS Fund** | | **1,984,100.00** | **$ 27,107.22** | **$ 1,119,315.34** | **$ 864,784.66** | **56.41%** |
| 60R001 1510 0000 | INTEREST | 69,000.00 | $ 16,570.42 | $ 93,327.86 | $ (24,327.86) | 135.26% |
| 60R000 1930 0000 | IMPACT FEES | 486,350.00 | $ 153,710.28 | $ 338,031.22 | $ 148,318.78 | 69.50% |
| **Total Local Revenue** | | **555,350.00** | **$ 170,280.70** | **$ 431,359.08** | **$ 123,990.92** | **77.67%** |
| **Total Capital Projects Fund** | | **555,350.00** | **$ 170,280.70** | **$ 431,359.08** | **$ 123,990.92** | **77.67%** |
| 70R000 1115 0000 | TAXES | 94,790.00 | $ - | $ 46,531.41 | $ 48,258.59 | 49.09% |
| 70R001 1510 0000 | INTEREST | 52,020.00 | $ 10,452.20 | $ 71,966.14 | $ (19,946.14) | 138.34% |
| **Total Local Revenue** | | **146,810.00** | **$ 10,452.20** | **$ 118,497.55** | **$ 28,312.45** | **80.71%** |
| **Total Working Cash Fund** | | **146,810.00** | **$ 10,452.20** | **$ 118,497.55** | **$ 28,312.45** | **80.71%** |
| 80R000 1120 0000 | TAXES | 945,374.00 | $ - | $ 462,781.06 | $ 482,592.94 | 48.95% |
| 80R001 1510 0000 | INTEREST | 14,000.00 | $ 3,095.54 | $ 17,655.92 | $ (3,655.92) | 126.11% |
| 80R000 1999 0000 | REFUND PRIOR YEAR EXPENDITURES | 40,000.00 | $ - | $ - | $ 40,000.00 | 0.00% |
| **Total Local Revenue** | | **999,374.00** | **$ 3,095.54** | **$ 480,436.98** | **$ 518,937.02** | **48.07%** |
| **Total Tort Fund** | | **999,374.00** | **$ 3,095.54** | **$ 480,436.98** | **$ 518,937.02** | **48.07%** |
| | **Revenue-All Funds** | | | | | |
| 1000 | Total Local Revenue | 67,952,663.00 | $ 576,947.27 | $ 34,305,740.03 | $ 33,646,922.97 | 50.48% |
| 3000 | Total State Revenue | 32,657,639.00 | $ 1,111,607.70 | $ 7,422,275.71 | $ 25,235,363.29 | 22.73% |
| 4000 | Total Federal Revenue | 4,394,851.00 | $ 386,724.14 | $ 1,894,570.05 | $ 2,500,280.95 | 43.11% |
| | **Total Revenue-All Funds** | **105,005,153.00** | **$ 2,075,279.11** | **$ 43,622,585.79** | **$ 61,382,567.21** | **41.54%** |

# Central Community Unit School Dist. 301
## Expenditure Summary by Fund Report
## December 2023

| | 2023-24 Original Budget | % of Fund | December MTD | 2023-24 FYTD | Encumbered Amount | Budget Remaining | FYTD Percent |
|---|---|---|---|---|---|---|---|
| **10-Education** | | | | | | | |
| 1000 Salaries | 33,570,709.00 | 44.91% | 2,840,744.39 | 16,275,238.57 | - | 17,295,470.43 | 48.48% |
| 2000 Benefits | 10,068,735.00 | 13.47% | 868,540.19 | 4,785,126.86 | 20,700.00 | 5,262,908.14 | 47.73% |
| 3000 Purchased Services | 3,630,687.00 | 4.86% | 146,208.64 | 1,192,118.60 | 84,737.28 | 2,353,831.12 | 35.17% |
| 4000 Supplies | 3,240,491.00 | 4.33% | 120,717.31 | 1,039,299.01 | 988,221.62 | 1,212,970.37 | 62.57% |
| 5000 Capital Outlay | 1,282,500.00 | 1.72% | - | 774,960.40 | 500,000.00 | 7,539.60 | 99.41% |
| 6000 Other/Dues/Fees | 21,883,284.00 | 29.27% | 187,924.45 | 1,313,764.04 | 180,561.70 | 20,388,958.26 | 6.83% |
| 7000 Non-Capital Equipment | 1,081,906.00 | 1.45% | 3,635.20 | 62,241.76 | 708,927.02 | 310,737.22 | 71.28% |
| **Total Education Fund** | **74,758,312.00** | **100.00%** | **$ 4,167,770.18** | **$ 25,442,749.24** | **$ 2,483,147.62** | **46,832,415.14** | **37.35%** |
| **20-O&M** | | | | | | | |
| 1000 Salaries | 2,331,955.00 | 13.25% | 186,521.20 | 1,083,989.78 | - | 1,247,965.22 | 46.48% |
| 2000 Benefits | 661,315.00 | 3.76% | 50,223.49 | 283,357.42 | - | 377,957.58 | 42.85% |
| 3000 Purchased Services | 1,322,300.00 | 7.51% | 95,512.76 | 622,464.36 | 55,913.21 | 643,922.43 | 51.30% |
| 4000 Supplies | 1,469,000.00 | 8.34% | 265,813.38 | 975,633.06 | 66,280.78 | 427,086.16 | 70.93% |
| 5000 Capital Outlay | 11,665,000.00 | 66.27% | 903,561.53 | 3,076,980.68 | 1,038,393.61 | 7,549,625.71 | 35.28% |
| 6000 Other/Dues/Fees | 53,800.00 | 0.31% | 160.00 | 2,415.28 | - | 51,384.72 | 4.49% |
| 7000 Non-Capital Equipment | 100,000.00 | 0.57% | 5,903.89 | 122,617.82 | 7,944.56 | (30,562.38) | 130.56% |
| **Total O&M** | **17,603,370.00** | **100.00%** | **$ 1,507,696.25** | **$ 6,167,458.40** | **$ 1,168,532.16** | **10,267,379.44** | **41.67%** |
| **30-Debt Service** | | | | | | | |
| 3000 Purchased Services | 3,400.00 | 0.04% | - | - | 605.00 | 2,795.00 | 17.79% |
| 6000 Other/Bonds | 9,233,076.00 | 99.96% | 1,997,600.00 | 8,802,600.00 | - | 430,476.00 | 95.34% |
| **Total Debt Service** | **9,236,476.00** | **100.00%** | **$ 1,997,600.00** | **$ 8,802,600.00** | **$ 605.00** | **433,271.00** | **95.31%** |
| **40-Transportation** | | | | | | | |
| 1000 Salaries | 2,461,740.00 | 44.30% | 194,480.21 | 1,193,031.61 | - | 1,268,708.39 | 48.46% |
| 2000 Benefits | 148,305.00 | 2.67% | 17,474.24 | 86,325.88 | - | 61,979.12 | 58.21% |
| 3000 Purchased Services | 2,282,056.00 | 41.06% | 18,451.12 | 1,887,523.58 | 5,028.23 | 389,504.19 | 82.93% |
| 4000 Supplies | 581,500.00 | 10.46% | 36,826.72 | 211,036.28 | 42,512.20 | 327,951.52 | 43.60% |
| 5000 Capital Outlay | 20,000.00 | 0.36% | - | - | - | 20,000.00 | 0.00% |
| 6000 Other/Dues/Fees | 60,000.00 | 1.08% | 1,118.95 | 5,014.35 | 386.00 | 54,599.65 | 9.00% |
| 7000 Non-Capital Equipment | 4,000.00 | 0.07% | 695.39 | 4,195.39 | - | (195.39) | 104.88% |
| **Total Transportation** | **5,557,601.00** | **100.00%** | **$ 269,046.63** | **$ 3,387,127.09** | **$ 47,926.43** | **2,122,547.48** | **61.81%** |
| **50-IMRF/SS** | | | | | | | |
| 2000 Benefits | 1,923,966.00 | 100.00% | 158,886.56 | 921,739.34 | - | 1,002,226.66 | 47.91% |
| **Total IMRF/SS** | **1,923,966.00** | **100.00%** | **$ 158,886.56** | **$ 921,739.34** | **$ -** | **1,002,226.66** | **47.91%** |
| **60-Capital Projects** | | | | | | | |
| 5000 Capital Outlay | 550,000.00 | 100.00% | $ - | $ - | $ - | 550,000.00 | 0.00% |
| **Total Capital Projects** | **550,000.00** | **100.00%** | **$ -** | **$ -** | **$ -** | **550,000.00** | **0.00%** |
| **70-Working Cash** | | | | | | | |
| 6000 Transfers | - | | **$ -** | **$ -** | **$ -** | - | 0.00% |
| **Total Working Cash** | **-** | **0.00%** | **$ -** | **$ -** | **$ -** | **-** | **0.00%** |
| **80-Tort** | | | | | | | |
| 3000 Purchased Services | 995,000.00 | 100.00% | $ (79,071.69) | $ 79,921.54 | $ 13,170.83 | 901,907.63 | 9.36% |
| **Total Tort** | **995,000.00** | **100.00%** | **$ (79,071.69)** | **$ 79,921.54** | **$ 13,170.83** | **901,907.63** | **9.36%** |
| **Total Expenditures** | **110,624,725.00** | | **$ 8,021,927.93** | **$ 44,801,595.61** | **$ 3,713,382.04** | **62,109,747.35** | **43.86%** |
| **Expenditures Across All Funds** | | | | | | | |
| 1000 Salaries | 38,364,404.00 | 34.68% | $ 3,221,745.80 | $ 18,552,259.96 | $ - | 19,812,144.04 | 48.36% |
| 2000 Benefits | 12,802,321.00 | 11.57% | $ 1,095,124.48 | $ 6,076,549.50 | $ 20,700.00 | 6,705,071.50 | 47.63% |
| 3000 Purchased Services | 8,233,443.00 | 7.44% | $ 181,100.83 | $ 3,782,028.08 | $ 159,454.55 | 4,291,960.37 | 47.87% |
| 4000 Supplies | 5,290,991.00 | 4.78% | $ 423,357.41 | $ 2,225,968.35 | $ 1,097,014.60 | 1,968,008.05 | 62.80% |
| 5000 Capital Outlay | 13,517,500.00 | 12.22% | $ 903,561.53 | $ 3,851,941.08 | $ 1,538,393.61 | 8,127,165.31 | 39.88% |
| 6000 Other/Dues/Fees/Bonds | 31,230,160.00 | 28.23% | $ 2,186,803.40 | $ 10,123,793.67 | $ 180,947.70 | 20,925,418.63 | 33.00% |
| 7000 Non-Capital Equipment | 1,185,906.00 | 1.07% | $ 10,234.48 | $ 189,054.97 | $ 716,871.58 | 279,979.45 | 76.39% |
| **Total Expenditures Across all Funds** | **110,624,725.00** | **100.00%** | **$ 8,021,927.93** | **$ 44,801,595.61** | **$ 3,713,382.04** | **62,109,747.35** | **43.86%** |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| ACTION EDUCATE LLC | 2366 | VapeEducate Licenses | 10E002 1130 3190 00 000000 0000 | 500.00 |
| | | | Totals for ACTION EDUCATE LLC | 500.00 |
| ADVANCE AUTO PARTS | 2454-495214 | Oil Filter | 40E001 2550 4100 00 000000 0000 | 4.65 |
| ADVANCE AUTO PARTS | 2454-495222 | Oil Filter | 40E001 2550 4100 00 000000 0000 | 10.48 |
| ADVANCE AUTO PARTS | 2454-495362 | Rotor | 40E001 2550 4100 00 000000 0000 | 116.98 |
| ADVANCE AUTO PARTS | 2454-495510 | Painted Rotor Refund and Purchase, Apply Credit of 116.98 to Inv# 495362 | 40E001 2550 4100 00 000000 0000 | -11.70 |
| | | | Totals for ADVANCE AUTO PARTS | 120.41 |
| ADVOCATE SHERMAN OCC | 852027 | Bus Driver Physicals | 40E001 2550 3230 00 000000 0000 | 903.00 |
| ADVOCATE SHERMAN OCC | 852030 | Bus Driver Physicals | 40E001 2550 3190 00 000000 0000 | 348.00 |
| | | | Totals for ADVOCATE SHERMAN OCCUPATIONAL | 1,251.00 |
| AGUINAGA, JACOB | Dec 2023 | Dec Mileage Reimbursement | 10E001 2660 3320 00 000000 0000 | 25.02 |
| | | | Totals for AGUINAGA, JACOB | 25.02 |
| AHW LLC | 11791550 | Grounds Supplies for Mowing | 20E001 2540 4120 00 000000 0000 | 139.70 |
| AHW LLC | 11791769 | Grounds Supplies | 20E001 2540 4120 00 000000 0000 | 143.70 |
| AHW LLC | 11791870 | Grounds Supplies | 20E001 2540 4120 00 000000 0000 | 73.65 |
| AHW LLC | 11794043 | Grounds Supplies | 20E001 2540 4120 00 000000 0000 | 83.30 |
| | | | Totals for AHW LLC | 440.35 |
| ALPHA BAKING COMPANY | 230260338025 | Bread Credit | 10E008 2560 4100 00 000000 0000 | -80.29 |
| ALPHA BAKING COMPANY | 230260341021 | Bread | 10E011 2560 4100 00 000000 0000 | 39.30 |
| ALPHA BAKING COMPANY | 230260345016 | Bread | 10E010 2560 4100 00 000000 0000 | 93.84 |
| ALPHA BAKING COMPANY | 230260349020 | Bread | 10E011 2560 4100 00 000000 0000 | 153.36 |
| ALPHA BAKING COMPANY | 230273339025 | Bread | 10E002 2560 4100 00 000000 0000 | 399.40 |
| ALPHA BAKING COMPANY | 230273339027 | Bread | 10E004 2560 4100 00 000000 0000 | 52.40 |
| ALPHA BAKING COMPANY | 230273341023 | Bread | 10E002 2560 4100 00 000000 0000 | 80.77 |
| ALPHA BAKING COMPANY | 230273346028 | Bread | 10E004 2560 4100 00 000000 0000 | 59.72 |
| ALPHA BAKING COMPANY | 230273348026 | Bread | 10E002 2560 4100 00 000000 0000 | 126.00 |
| ALPHA BAKING COMPANY | 230273348027 | Bread | 10E005 2560 4100 00 000000 0000 | 15.63 |
| ALPHA BAKING COMPANY | 230273353025 | Bread | 10E002 2560 4100 00 000000 0000 | 233.25 |
| ALPHA BAKING COMPANY | 230273353026 | Bread | 10E004 2560 4100 00 000000 0000 | 26.20 |
| ALPHA BAKING COMPANY | 230260338019 | Bread | 10E008 2560 4100 00 000000 0000 | 52.40 |
| ALPHA BAKING COMPANY | 230260345015 | Bread | 10E008 2560 4100 00 000000 0000 | 89.88 |
| ALPHA BAKING COMPANY | 230273346026 | Bread | 10E002 2560 4100 00 000000 0000 | 151.20 |
| ALPHA BAKING COMPANY | 230273346027 | Bread | 10E003 2560 4100 00 000000 0000 | 112.53 |
| ALPHA BAKING COMPANY | 230273352018 | Bread | 10E002 2560 4100 00 000000 0000 | 91.39 |
| | | | Totals for ALPHA BAKING COMPANY | 1,696.98 |
| AMALGAMATED BANK OF | 1856151001 FY24 | Debt Certificates 2016 Admin fee-reissue wire | 30E001 5400 3190 00 000000 0000 | 475.00 |
| AMALGAMATED BANK OF | 1856152000 FY24 | Bond Series 2016A Admin fee-reissue wire | 30E001 5400 3190 00 000000 0000 | 475.00 |
| AMALGAMATED BANK OF | 6151 | Debt Certificates Series 2016 principal and interest | 30E001 5320 6100 06 000000 0000 | 410,000.00 |
| AMALGAMATED BANK OF | 6151 | Debt Certificates Series 2016 principal and interest | 30E001 5220 6240 10 000000 0000 | 54,900.00 |
| AMALGAMATED BANK OF | 6152 | DSEB Bonds 2016A principal and interest reissue | 30E001 5320 6100 05 000000 0000 | 215,000.00 |
| AMALGAMATED BANK OF | 6152 | DSEB Bonds 2016A principal and interest reissue | 30E001 5220 6240 11 000000 0000 | 20,475.00 |
| AMALGAMATED BANK OF | 6443 | Bonds Series 2017 principal and | 30E001 5320 6100 10 000000 0000 | 910,000.00 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| | | interest-reissue | | |
| AMALGAMATED BANK OF | 6443 | Bonds Series 2017 principal and interest-reissue | 30E001 5220 6240 12 000000 0000 | 387,225.00 |
| | | | Totals for AMALGAMATED BANK OF CHICAGO | 1,998,550.00 |
| AMAZON CAPITAL SERVI | 14YJ-6TNX-RQ11 | The Educator's ATLAS IC Supplies | 10E002 2212 4100 00 000000 0000 | 51.90 |
| AMAZON CAPITAL SERVI | 1C1X-VK1C-MVDR | Other Student Supplies | 10E011 1120 4900 00 000000 0000 | 5.39 |
| AMAZON CAPITAL SERVI | 1CFF-W4QP-PTQ6 | Supplies 6 Red | 10E011 1120 4110 00 000000 0000 | 109.52 |
| AMAZON CAPITAL SERVI | 1CGL-V96G-JPXJ | Office Supply Order | 10E003 2410 4100 00 000000 0000 | 481.54 |
| AMAZON CAPITAL SERVI | 1DD1-MDCY-MFQ7 | Supplies Math | 10E011 1120 4110 00 000000 0000 | 170.61 |
| AMAZON CAPITAL SERVI | 1FQP-J1RN-VCHP | Dumoulin SPED Supplies | 10E003 1120 4100 00 000000 0000 | 49.92 |
| AMAZON CAPITAL SERVI | 1GNR-M4DX-MQKV | Nurse Supplies | 10E004 1110 4250 00 000000 0000 | 175.83 |
| AMAZON CAPITAL SERVI | 1QKT-V9P7-H7KY | Resource Book | 10E010 2410 4100 00 000000 0000 | 17.13 |
| AMAZON CAPITAL SERVI | 1RDN-CMFW-JFHF | Principal Supplies | 10E011 1120 4900 00 000000 0000 | 12.99 |
| AMAZON CAPITAL SERVI | 1VKT-MRPK-TXTF | ELA Supplies | 10E003 1120 4100 00 000000 0000 | 331.11 |
| AMAZON CAPITAL SERVI | 1WMV-CVVM-NL1N | ELA Supplies | 10E003 1120 4100 00 000000 0000 | 176.69 |
| AMAZON CAPITAL SERVI | 1XGP-JXPG-14NQ | Office Supplies | 10E004 1110 4100 00 000000 0000 | 347.59 |
| AMAZON CAPITAL SERVI | 1FNG-CDVN-NLVF | Kitchen Supplies | 10E002 2560 4900 00 000000 0000 | 358.70 |
| AMAZON CAPITAL SERVI | 1FNG-CDVN-NLVF | Kitchen Supplies | 10E003 2560 4900 00 000000 0000 | 8.68 |
| AMAZON CAPITAL SERVI | 1FNG-CDVN-NLVF | Kitchen Supplies | 10E004 2560 4900 00 000000 0000 | 35.17 |
| AMAZON CAPITAL SERVI | 1FNG-CDVN-NLVF | Kitchen Supplies | 10E005 2560 4900 00 000000 0000 | 8.68 |
| AMAZON CAPITAL SERVI | 1FNG-CDVN-NLVF | Kitchen Supplies | 10E008 2560 4900 00 000000 0000 | 8.68 |
| AMAZON CAPITAL SERVI | 1FNG-CDVN-NLVF | Kitchen Supplies | 10E010 2560 4900 00 000000 0000 | 8.68 |
| AMAZON CAPITAL SERVI | 1FNG-CDVN-NLVF | Kitchen Supplies | 10E011 2560 4900 00 000000 0000 | 49.99 |
| AMAZON CAPITAL SERVI | 1LWK-PR3Y-4YH3 | March Madness Books, Straws for STEAM | 10E005 2220 4300 00 000000 0000 | 393.59 |
| AMAZON CAPITAL SERVI | 1WGC-HGJP-YNQD | Headphones for Student | 10E005 2410 4100 00 000000 0000 | 20.49 |
| AMAZON CAPITAL SERVI | 139K-DQQD-CMMQ | Veteran's Day Decor Refund, Apply Credit to Inv# 1RL3-NWLT-3HXN | 10E002 2410 4100 00 000000 0000 | -11.99 |
| AMAZON CAPITAL SERVI | 1C79-VRTF-Q9PR | Science Supplies Alperin | 10E002 1130 4100 00 000000 0000 | 29.90 |
| AMAZON CAPITAL SERVI | 1NHG-JPPN-4WLH | Library Supplies | 10E002 2220 4100 00 000000 0000 | 11.25 |
| AMAZON CAPITAL SERVI | 1NHV-QKMM-XG4L | Science Supply Refund, Apply Credit to Inv# 1P3K-TK3R-TV3C | 10E002 1130 4100 00 000000 0000 | -23.51 |
| AMAZON CAPITAL SERVI | 1P3K-TK3R-TV3C | Science Supplies | 10E002 1130 4100 00 000000 0000 | 154.94 |
| AMAZON CAPITAL SERVI | 1PH4-96LT-JM1J | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 106.97 |
| AMAZON CAPITAL SERVI | 1Q3C-4TW3-C6P7 | Holiday, Disruption Items | 10E002 2410 4100 00 000000 0000 | 368.42 |
| AMAZON CAPITAL SERVI | 1RL3-NWLT-3HXN | Veteran's Day Decor | 10E002 2410 4100 00 000000 0000 | 87.95 |
| AMAZON CAPITAL SERVI | 1FW9-763T-MPTV | Keyboards and Office Chairs | 40E001 2550 4110 00 000000 0000 | 543.72 |
| AMAZON CAPITAL SERVI | 1LL1-GNYY-HFRF | Office Supplies | 10E004 1110 4100 00 000000 0000 | 26.56 |
| AMAZON CAPITAL SERVI | 1NLM-DL93-HPFX | CHS Athletics Activity Bus Keychains | 10E002 1500 4100 00 000000 0000 | 14.98 |
| AMAZON CAPITAL SERVI | 1MFT-3DFD-LJDJ | Electric Stapler, Staples, Printer Toner | 10E001 2520 4100 00 000000 0000 | 237.03 |
| AMAZON CAPITAL SERVI | 1MLR-96RT-1K9R | Adjustable Potty Chair for SpEd Student | 10E001 1200 4100 00 462000 0000 | 35.80 |
| AMAZON CAPITAL SERVI | 14HC-GKVC-RCQG | DO Office Supplies | 10E001 2520 4100 00 000000 0000 | 136.47 |
| AMAZON CAPITAL SERVI | 1JDJ-MW3P-3NTF | Tech Supplies | 10E001 2660 4100 00 000000 0000 | 221.70 |
| AMAZON CAPITAL SERVI | 1QF6-KCQY-73WN | Tech Supplies | 10E001 2660 4100 00 000000 0000 | 33.11 |
| AMAZON CAPITAL SERVI | 1VPF-3M9W-JWKP | Tech Supplies | 10E001 2660 4100 00 000000 0000 | 570.00 |
| AMAZON CAPITAL SERVI | 11M7-Q7X6-73MH | Tech Supplies | 10E001 2660 4100 00 000000 0000 | 19.95 |
| AMAZON CAPITAL SERVI | 1VVR-KPV9-X4XC | Office Supplies | 10E002 2410 4100 00 000000 0000 | 366.96 |
| AMAZON CAPITAL SERVI | 1L9K-RGTF-W6LN | Science Supplies | 10E002 1130 4100 00 000000 0000 | 536.52 |
| AMAZON CAPITAL SERVI | 1HQQ-K9F4-WMX7 | Science Supplies | 10E002 1130 4100 00 000000 0000 | 49.99 |
| AMAZON CAPITAL SERVI | 17JD-3PCM-7G4X | Photo Supplies | 10E002 1130 4100 00 000000 0000 | 14.58 |
| AMAZON CAPITAL SERVI | 1744-FF69-D1WR | Item for SPED Student | 10E001 1200 4100 00 462000 0000 | 13.98 |
| AMAZON CAPITAL SERVI | 1NC1-FNGJ-13QW | Office Supplies | 10E001 2330 4100 00 000000 0000 | 60.86 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| AMAZON CAPITAL SERVI | 1431-C1T3-63FQ | Office Supplies | 10E001 2320 4100 00 000000 0000 | 11.13 |
| AMAZON CAPITAL SERVI | 14NQ-1K31-R4QC | Encore Instructional Supplies | 10E011 1120 4110 00 000000 0000 | 26.91 |
| AMAZON CAPITAL SERVI | 1V63-14T9-64HT | Encore Instructional Supplies | 10E011 1120 4110 00 000000 0000 | 36.28 |
| AMAZON CAPITAL SERVI | 17HF-TQXY-DGDY | Supplies 7 Silver Team | 10E011 1120 4110 00 000000 0000 | 204.97 |
| | | | Totals for AMAZON CAPITAL SERVICES, INC | 6,708.31 |
| AMERICAN CHEMICAL SO | 18527229 | Science supplies Alperin | 10E002 1130 4100 00 000000 0000 | 61.10 |
| | | | Totals for AMERICAN CHEMICAL SOCIETY | 61.10 |
| AMERICAN COLOR IMAGI | 6336384 | Reading Madness Banner | 10E004 1110 4100 00 000000 0000 | 76.31 |
| | | | Totals for AMERICAN COLOR IMAGING, INC | 76.31 |
| AMITA GLENOAKS SCHOO | TDS-W 4102 | Nov Monthly Tuition | 10E001 1912 6700 00 000000 0000 | 5,290.17 |
| | | | Totals for AMITA GLENOAKS SCHOOL | 5,290.17 |
| ASTOUND BUSINESS SOL | 416615501-001659 | Internet | 10E001 2660 3160 00 000000 0000 | 1,107.07 |
| | | | Totals for ASTOUND BUSINESS SOLUTIONS/RC | 1,107.07 |
| BALLARD & TIGHE, PUB | 300555 | Assessments | 10E001 2230 3190 00 490900 0000 | 508.48 |
| | | | Totals for BALLARD & TIGHE, PUBLISHERS | 508.48 |
| BAVARO, ANGELA | Dec 7 | Prof Dev Multilingual IL Statewide Conference | 10E010 2210 6400 00 000000 0000 | 185.00 |
| | | | Totals for BAVARO, ANGELA | 185.00 |
| BECKER, KELLY | Dec 7a | Prof Dev Multilingual Conference | 10E004 2210 6400 00 000000 0000 | 215.13 |
| | | | Totals for BECKER, KELLY | 215.13 |
| BILINGUAL DICTIONARI | 67410 | Bilingual Dictionary | 10E002 1800 4100 00 000000 0000 | 50.95 |
| | | | Totals for BILINGUAL DICTIONARIES, INC | 50.95 |
| BLABAS, DANIEL | Tuition 12-23 | Tuition Reimbursement EDU 6250, 6225 | 10E011 1120 2300 00 000000 0000 | 900.00 |
| | | | Totals for BLABAS, DANIEL | 900.00 |
| BLICK ART MATERIALS | 1997125 | Art Supplies | 10E010 1110 4100 00 000000 0000 | 216.00 |
| BLICK ART MATERIALS | 1684934 | SS Supplies for Smith | 10E002 1130 4100 00 000000 0000 | 34.07 |
| | | | Totals for BLICK ART MATERIALS | 250.07 |
| BLUE CROSS BLUE SHIE | Dental 12-23 | Dental Claims | 10E002 1130 2230 00 000000 0000 | -8,974.20 |
| BLUE CROSS BLUE SHIE | Dental 12-23 | Dental Claims | 20E001 2540 2230 00 000000 0000 | -671.09 |
| BLUE CROSS BLUE SHIE | Dental 12-23 | Dental Claims | 40E001 2550 2230 00 000000 0000 | -576.12 |
| | | | Totals for BLUE CROSS BLUE SHIELD | -10,221.41 |
| BOATNER | 12202023.1 | Student Support Services | 10E001 2210 3100 00 462000 0000 | 150.00 |
| | | | Totals for BOATNER | 150.00 |
| BOB JASS CHEVROLET I | 282972 | Tire Replacements, Balance, Rotation | 40E001 2550 4130 00 000000 0000 | 1,439.65 |
| BOB JASS CHEVROLET I | 283248 | Tire Replacements, Balance, Rotation | 40E001 2550 4130 00 000000 0000 | 1,454.65 |
| | | | Totals for BOB JASS CHEVROLET INC | 2,894.30 |
| BOSTON HIGASHI SCHOO | 2411600 | Nov Monthly Tuition, Room and Board | 10E001 1912 6700 00 000000 0000 | 24,543.90 |
| BOSTON HIGASHI SCHOO | 2411613 | Nov Monthly Tuition, Room and | 10E001 1912 6700 00 000000 0000 | 24,543.90 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| | | Board | | |
| BOSTON HIGASHI SCHOO | 2412600 | Dec Monthly Tuition, Room and Board | 10E001 1912 6700 00 000000 0000 | 23,348.15 |
| BOSTON HIGASHI SCHOO | 2412613 | Dec Monthly Tuition, Room and Board | 10E001 1912 6700 00 000000 0000 | 23,348.15 |
| | | | Totals for BOSTON HIGASHI SCHOOL, INC | 95,784.10 |
| BROOKES PUBLISHING | 1277345 | ASQ Annual Subscriptions for EC Screenings | 10E001 1110 4100 00 460000 0000 | 499.90 |
| | | | Totals for BROOKES PUBLISHING | 499.90 |
| BSN SPORTS, INC | 924206297 | CHS Girls Soccer Supplies | 10E002 1500 4100 00 000000 0000 | 1,663.98 |
| BSN SPORTS, INC | 924080189 | Cheer Mats | 10E003 1500 7100 00 000000 0000 | 4,845.57 |
| | | | Totals for BSN SPORTS, INC | 6,509.55 |
| BURNER, DANA | Tuition 12-23 | Tuition Reimbursement EDU 6110, 6500 | 10E004 1110 2300 00 000000 0000 | 900.00 |
| | | | Totals for BURNER, DANA | 900.00 |
| CALO-CHANGE ACADEMY | INV080259 | Dec Monthly Tuition, Room and Board | 10E001 1912 6700 00 000000 0000 | 13,799.73 |
| | | | Totals for CALO-CHANGE ACADEMY AT LAKE O | 13,799.73 |
| CAMELOT THERAPEUTIC | INV178333 | Nov Monthly Tuition | 10E001 1912 6700 00 000000 0000 | 15,164.28 |
| CAMELOT THERAPEUTIC | INV179335 | Monthly Tuition Rate Adjustment, Aug - Nov | 10E001 1912 6700 00 000000 0000 | 2,581.99 |
| | | | Totals for CAMELOT THERAPEUTIC SCHOOLS, | 17,746.27 |
| CARDIO PARTNERS INC | INV3318388 | AED Pads and Batteries | 10E005 1110 4250 00 000000 0000 | 292.00 |
| CARDIO PARTNERS INC | INV3318388 | AED Pads and Batteries | 10E008 1110 4250 00 000000 0000 | 207.00 |
| CARDIO PARTNERS INC | INV3318388 | AED Pads and Batteries | 10E010 1110 4250 00 000000 0000 | 499.00 |
| CARDIO PARTNERS INC | INV3318388 | AED Pads and Batteries | 40E001 2550 4100 00 000000 0000 | 85.00 |
| | | | Totals for CARDIO PARTNERS INC | 1,083.00 |
| CARDMEMBER SERVICE | 7577 01-24 | E. Mongan Curriculum, Administrative Expenses | 10E001 2210 4100 00 000000 0000 | 59.84 |
| CARDMEMBER SERVICE | 7577 01-24 | E. Mongan Curriculum, Administrative Expenses | 10E001 1800 4100 00 000000 0000 | 251.59 |
| CARDMEMBER SERVICE | 7577 01-24 | E. Mongan Curriculum, Administrative Expenses | 10E001 2320 4100 00 000000 0000 | 358.80 |
| CARDMEMBER SERVICE | 7577 01-24 | E. Mongan Curriculum, Administrative Expenses | 10E001 2520 4100 00 000000 0000 | 42.00 |
| CARDMEMBER SERVICE | 7577 01-24 | E. Mongan Curriculum, Administrative Expenses | 10E001 2310 4100 00 000000 0000 | 84.35 |
| CARDMEMBER SERVICE | 7577 01-24 | E. Mongan Curriculum, Administrative Expenses | 10E001 2520 4100 00 000000 0000 | 42.00 |
| CARDMEMBER SERVICE | 7577 01-24 | E. Mongan Curriculum, Administrative Expenses | 10E001 2320 4100 00 000000 0000 | 364.18 |
| CARDMEMBER SERVICE | 7577 01-24 | E. Mongan Curriculum, Administrative Expenses | 10E001 2520 3100 00 000000 0000 | 14.95 |
| CARDMEMBER SERVICE | 7577 01-24 | E. Mongan Curriculum, Administrative Expenses | 10E001 2520 3100 00 000000 0000 | 859.00 |
| CARDMEMBER SERVICE | 7577 01-24a | B. Tobin Technology Expenses | 10E001 2660 4100 00 000000 0000 | 2,238.35 |
| CARDMEMBER SERVICE | 7577 01-24a | B. Tobin Technology Expenses | 10E001 2660 3160 00 000000 0000 | 695.97 |
| CARDMEMBER SERVICE | 7577 01-24a | B. Tobin Technology Expenses | 10E001 2660 4100 00 000000 0000 | 993.33 |
| CARDMEMBER SERVICE | 7577 01-24a | B. Tobin Technology Expenses | 10E001 2660 4100 00 000000 0000 | 773.03 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| CARDMEMBER SERVICE | 7577 01-24a | B. Tobin Technology Expenses | 10E001 2660 4100 00 000000 0000 | 423.15 |
| CARDMEMBER SERVICE | 7577 01-24a | B. Tobin Technology Expenses | 10E001 2660 3160 00 000000 0000 | 10.00 |
| CARDMEMBER SERVICE | 7577 01-24a | B. Tobin Technology Expenses | 10E001 2660 3160 00 000000 0000 | 310.20 |
| CARDMEMBER SERVICE | 7577 01-24a | B. Tobin Technology Expenses | 10E001 2660 3160 00 000000 0000 | 275.69 |
| CARDMEMBER SERVICE | 7577 01-24b | Administrative Expenses | 10E001 2520 3100 00 000000 0000 | 34.00 |
| CARDMEMBER SERVICE | 7577 01-24b | Administrative Expenses | 10E001 2520 4100 00 000000 0000 | 5.99 |
| CARDMEMBER SERVICE | 7577 01-24b | Administrative Expenses | 10E001 2520 3100 00 000000 0000 | 34.00 |
| | | | Totals for CARDMEMBER SERVICE | 7,870.42 |
| CDW GOVERNMENT, INC | NK11122 | PowerGistics Roller Mounting Components | 10E001 2660 4100 00 000000 0000 | 844.92 |
| | | | Totals for CDW GOVERNMENT, INC | 844.92 |
| CHAPMAN, DAVID | Tuition 12-23 | Tuition Reimbursement EDU 6110, 6500 | 10E003 1120 2300 00 000000 0000 | 900.00 |
| | | | Totals for CHAPMAN, DAVID | 900.00 |
| CHILD THERAPY AND RE | 20017 | Speech Services | 10E001 2150 3100 00 462000 0000 | 632.50 |
| | | | Totals for CHILD THERAPY AND REHABILITAT | 632.50 |
| CINTAS CORPORATION # | 4177110612 | Service Mats | 40E001 2550 3700 00 000000 0000 | 14.35 |
| CINTAS CORPORATION # | 4172802064 | Service Mats | 40E001 2550 3700 00 000000 0000 | 45.79 |
| CINTAS CORPORATION # | 4178499982 | Service Mats | 40E001 2550 3700 00 000000 0000 | 14.35 |
| | | | Totals for CINTAS CORPORATION #355 | 74.49 |
| CIPRIANO, ANGELA | Tuition 12-23 | Tuition Reimbursement EDU 6110, 6500 | 10E011 1120 2300 00 000000 0000 | 900.00 |
| | | | Totals for CIPRIANO, ANGELA | 900.00 |
| CITY OF ELGIN | 330845-39520 12/ | Water Service PKMS | 20E001 2540 3700 00 000000 0000 | 1,719.71 |
| CITY OF ELGIN | 330845-42337 12/ | Water Service CT | 20E001 2540 3700 00 000000 0000 | 1,235.63 |
| | | | Totals for CITY OF ELGIN | 2,955.34 |
| COLLINS, CRAIG | Dec 22 | Mentoring Services October to December 2023 | 10E001 2210 3190 00 493200 0000 | 2,137.13 |
| | | | Totals for COLLINS, CRAIG | 2,137.13 |
| COMMUNITY THERAPY CO | 2052 | Speech Therapy Services for CHS | 10E001 2150 3100 00 462000 0000 | 3,696.00 |
| | | | Totals for COMMUNITY THERAPY CORP | 3,696.00 |
| CONTINENTAL RESOURCE | 91154195 | Phones 10/18-11/17/23 | 20E001 2540 3400 00 000000 0000 | 1,893.74 |
| | | | Totals for CONTINENTAL RESOURCES, INC | 1,893.74 |
| COUNTRY DONUTS | Jan 9a | Coyote of the Month Breakfast | 10E008 2410 4100 00 000000 0000 | 165.68 |
| | | | Totals for COUNTRY DONUTS | 165.68 |
| COVE SCHOOL, INC | SD301-1223 | Dec Monthly Tuition | 10E001 1912 6700 00 000000 0000 | 4,788.15 |
| | | | Totals for COVE SCHOOL, INC | 4,788.15 |
| DANIEL, JAMIE | Nov 16 | Prof Dev 2023 Proficio Conference | 10E004 2210 6400 00 000000 0000 | 250.00 |
| | | | Totals for DANIEL, JAMIE | 250.00 |
| DATAMATION IMAGING S | DEC-81338 | Nov Monthly File Storage | 10E001 2660 3160 00 462000 0000 | 567.00 |
| DATAMATION IMAGING S | DEC-81338 | Nov Monthly File Storage | 10E001 2660 3160 00 000000 0000 | 168.00 |
| | | | Totals for DATAMATION IMAGING SERVICES | 735.00 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| DAVIES, THOMAS | 78C127C0-0001 | The Atlantic Subscription Reimb, T Davies | 10E002 1130 4100 00 000000 0000 | 49.99 |
| | | | Totals for DAVIES, THOMAS | 49.99 |
| DICKERSON, MICHAEL | Tuition 12-23 | Tuition Reimbursement EDU 6110, 6500 | 10E004 1110 2300 00 000000 0000 | 900.00 |
| | | | Totals for DICKERSON, MICHAEL | 900.00 |
| DORN, JENNIFER | Dec 14 | Reimb Retirement Luncheon Decor | 20E001 2540 4110 00 000000 0000 | 44.16 |
| DORN, JENNIFER | Dec 15 | Reimb for Dan Joiner Retirement Luncheon | 20E001 2540 4110 00 000000 0000 | 204.18 |
| | | | Totals for DORN, JENNIFER | 248.34 |
| DUPAGE FEDERATION ON | 9576 | Translation, Interpreting, Telephonic Interpretation Services | 10E001 1800 3190 00 000000 0000 | 455.85 |
| | | | Totals for DUPAGE FEDERATION ON HUMAN | 455.85 |
| DWYER, LAUREN | Tuition 12-23 | Tuition Reimbursement EDU 6250, 6225 | 10E002 1130 2300 00 000000 0000 | 900.00 |
| | | | Totals for DWYER, LAUREN | 900.00 |
| EASTERN ILLINOIS UNI | V0003121 | CHS ACES 2024 Academic Challenge | 10E002 1500 6400 00 000000 0000 | 350.00 |
| | | | Totals for EASTERN ILLINOIS UNIVERSITY | 350.00 |
| ECOWATER/DEKALB BOTT | 10025 11-23 | Athletics Office Water | 10E002 1500 4900 00 000000 0000 | 38.07 |
| | | | Totals for ECOWATER/DEKALB BOTTLED WATER | 38.07 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 10E002 1500 4900 00 000000 0000 | 43.59 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 10E002 1500 3900 00 000000 0000 | 107.02 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 10E002 1500 3900 00 000000 0000 | 90.53 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 10E002 1500 4900 00 000000 0000 | 31.50 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 10E002 1500 3900 00 000000 0000 | 325.52 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 10E002 1500 4100 00 000000 0000 | 783.00 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 10E002 1500 4900 00 000000 0000 | 37.91 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 40E001 2550 6400 00 000000 0000 | 4.50 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 40E001 2550 6400 00 000000 0000 | 41.00 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 40E001 2550 6400 00 000000 0000 | 26.70 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 40E001 2550 6400 00 000000 0000 | 24.00 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 10E001 2520 4100 00 000000 0000 | 120.09 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 40E001 2550 6400 00 000000 0000 | 40.00 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 40E001 2550 6400 00 000000 0000 | 10.35 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 40E001 2550 6400 00 000000 0000 | 40.00 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 10E001 2310 4100 00 000000 0000 | 129.95 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 40E001 2550 6400 00 000000 0000 | 40.00 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 40E001 2550 6400 00 000000 0000 | 5.35 |
| ELAN CORPORATE PAYME | 5013 01-24 | Athletics, Accounts Payable Expenses | 40E001 2550 6400 00 000000 0000 | 40.00 |
| | | | Totals for ELAN CORPORATE PAYMENT SYSTEM | 1,941.01 |
| ELGIN KEY & LOCK CO | 232008 | PK Keys | 40E001 2550 4100 00 000000 0000 | 68.55 |
| | | | Totals for ELGIN KEY & LOCK CO INC | 68.55 |
| ENOME, INC | 2023-50031 | Goal Book Training Through 24/25 School Year | 10E001 2210 3100 00 462000 0000 | 15,637.50 |
| | | | Totals for ENOME, INC | 15,637.50 |
| EOSULLIVAN CONSULTIN | 12-2023 | Dec Information Communication Consulting | 10E001 2310 3100 00 000000 0000 | 7,500.00 |
| | | | Totals for EOSULLIVAN CONSULTING LLC | 7,500.00 |
| ERIKSSON ENGINEERING | 29702 | Professional Services New High School | 20E002 2540 5410 00 000000 0000 | 3,080.00 |
| ERIKSSON ENGINEERING | 29815 | Professional Services for Future HS | 20E002 2540 5410 00 000000 0000 | 13,650.00 |
| ERIKSSON ENGINEERING | 29818 | Professional Services for CHS Addition | 20E002 2540 5400 00 000000 0000 | 750.00 |
| ERIKSSON ENGINEERING | 29748 | Professional Services Future High School | 20E002 2540 5410 00 000000 0000 | 5,900.00 |
| ERIKSSON ENGINEERING | 29756 | Professional Services CHS Turn Lane | 20E001 2540 3100 00 000000 0000 | 740.00 |
| ERIKSSON ENGINEERING | 29821 | Professional Services Future High School | 20E002 2540 5410 00 000000 0000 | 2,080.00 |
| ERIKSSON ENGINEERING | 29822 | Professional Services Future High School | 20E002 2540 5410 00 000000 0000 | 5,310.00 |
| | | | Totals for ERIKSSON ENGINEERING ASSOCIAT | 31,510.00 |
| ESPINOSA, ERIK | Dec 2023 | Dec Contracted Psych Services | 10E001 2140 3140 00 462000 0000 | 2,268.75 |
| | | | Totals for ESPINOSA, ERIK | 2,268.75 |
| EVERYDAY SPEECH LLC | 92976 | Everyday Speech Lic Renewal | 10E001 2210 3100 00 462000 0000 | 2,507.91 |
| | | | Totals for EVERYDAY SPEECH LLC | 2,507.91 |
| FARRINGTON, SARAH | Dec 7a | Reimb for Disruption Supplies | 10E002 2410 4100 00 000000 0000 | 59.93 |
| | | | Totals for FARRINGTON, SARAH | 59.93 |
| FEECE OIL COMPANY | 4036652 | Fuel | 40E001 2550 4640 00 000000 0000 | 6,294.79 |
| FEECE OIL COMPANY | 4036651 | Fuel, Drivers Ed Fuel Sept 2023 | 10E002 1730 4100 00 000000 0000 | 345.82 |
| FEECE OIL COMPANY | 4036651 | Fuel, Drivers Ed Fuel Sept 2023 | 40E001 2550 4640 00 000000 0000 | 983.58 |
| FEECE OIL COMPANY | 4037792 | Fuel | 40E001 2550 4640 00 000000 0000 | 2,441.44 |
| FEECE OIL COMPANY | 4037793 | Fuel | 40E001 2550 4640 00 000000 0000 | 3,118.05 |
| FEECE OIL COMPANY | 4038920 | Fuel | 40E001 2550 4640 00 000000 0000 | 2,292.54 |
| FEECE OIL COMPANY | 4038921 | Fuel | 40E001 2550 4640 00 000000 0000 | 4,400.09 |
| FEECE OIL COMPANY | 4039944 | Fuel | 40E001 2550 4640 00 000000 0000 | 2,194.60 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| FEECE OIL COMPANY | 4039945 | Fuel | 40E001 2550 4640 00 000000 0000 | 3,980.46 |
| FEECE OIL COMPANY | 4040952 | Fuel Additive | 40E001 2550 4640 00 000000 0000 | 501.60 |
| FEECE OIL COMPANY | 4041368 | Fuel | 40E001 2550 4640 00 000000 0000 | 1,934.76 |
| FEECE OIL COMPANY | 4041369 | Fuel | 40E001 2550 4640 00 000000 0000 | 7,631.20 |
| | | | Totals for FEECE OIL COMPANY | 36,118.93 |
| FIRST SECURITY SYSTE | S94844 | Bell Schedule Settings Update PKMS | 20E001 2540 3100 00 000000 0000 | 1,123.00 |
| FIRST SECURITY SYSTE | S94845 | Bell Schedule Settings Update PKMS | 20E001 2540 3100 00 000000 0000 | 385.00 |
| | | | Totals for FIRST SECURITY SYSTEMS, INC | 1,508.00 |
| FITZGERALD LIGHTING | 37161 | Lighting Replacement and Repairs CT | 20E001 2540 3230 00 000000 0000 | 590.15 |
| FITZGERALD LIGHTING | 37162 | Outdoor Lighting Repair PKMS | 20E001 2540 3230 00 000000 0000 | 294.35 |
| FITZGERALD LIGHTING | 37172 | Outdoor Lighting Repair PKMS | 20E001 2540 3230 00 000000 0000 | 1,002.80 |
| | | | Totals for FITZGERALD LIGHTING | 1,887.30 |
| FLINN SCIENTIFIC, IN | 2948241 | Science Supplies | 10E002 1130 4100 00 000000 0000 | 50.56 |
| FLINN SCIENTIFIC, IN | 2952390 | Science Supplies Alperin | 10E002 1130 4100 00 000000 0000 | 40.83 |
| | | | Totals for FLINN SCIENTIFIC, INC | 91.39 |
| FOLLETT CONTENT SOLU | 304273 | Library Books | 10E004 2220 4300 00 000000 0000 | 209.43 |
| FOLLETT CONTENT SOLU | 795571F | Textbooks ELA Novels | 10E011 1120 4200 00 000000 0000 | 639.30 |
| FOLLETT CONTENT SOLU | 677148F | Book | 10E010 1100 4200 00 000000 0000 | 18.45 |
| | | | Totals for FOLLETT CONTENT SOLUTIONS, LL | 867.18 |
| FOX TECH TRANSITION | SESINV-033760 | Dec Monthly Tuition | 10E001 1912 6700 00 000000 0000 | 3,017.28 |
| | | | Totals for FOX TECH TRANSITION PROGRAM | 3,017.28 |
| FOX VALLEY FIRE & SA | IN00645916 | Fire Alarm System Service LL | 20E001 2540 3230 00 000000 0000 | 1,368.00 |
| FOX VALLEY FIRE & SA | IN00649119 | BluePoint Alert System Repairs CHS | 20E001 2540 3230 00 000000 0000 | 380.00 |
| FOX VALLEY FIRE & SA | IN00649155 | BluePoint Alert System Repairs HBT | 20E001 2540 3230 00 000000 0000 | 760.00 |
| FOX VALLEY FIRE & SA | IN00648990 | BluePoint Repair and Test CHS | 20E001 2540 3230 00 000000 0000 | 695.00 |
| FOX VALLEY FIRE & SA | IN00648994 | BluePoint Battery Replacement and Test DO | 20E001 2540 3230 00 000000 0000 | 594.50 |
| | | | Totals for FOX VALLEY FIRE & SAFETY CO | 3,797.50 |
| GALLAGHER BASSETT SE | 2857-003100-EO-0 | Legal Liability Claim 002857-003100-EO-01 MG | 80E001 2369 3180 00 000000 0000 | 10,000.00 |
| | | | Totals for GALLAGHER BASSETT SERVICES IN | 10,000.00 |
| GIARDINA, HOLLY | Dec 10 | Reimb Student Supplies | 10E011 1120 4900 00 000000 0000 | 17.40 |
| | | | Totals for GIARDINA, HOLLY | 17.40 |
| GORDON FLESCH COMPAN | IN14467824 | Staple Order | 10E008 1110 4170 00 000000 0000 | 112.92 |
| GORDON FLESCH COMPAN | IN14488880 | Black and Color Copies DO | 10E001 2410 3250 00 000000 0000 | 616.14 |
| GORDON FLESCH COMPAN | IN14488881 | Black and Color Copies PKMS PV HBT CT | 10E001 2410 3250 00 000000 0000 | 2,170.42 |
| GORDON FLESCH COMPAN | IN14491400 | Staples for DO Lower Copier | 10E001 2520 4100 00 000000 0000 | 105.42 |
| GORDON FLESCH COMPAN | I00882280 | Lease 1/15/24 - 2/14/24 | 10E001 2410 3250 00 000000 0000 | 3,995.61 |
| GORDON FLESCH COMPAN | IN14492958 | Staples for DO Lower Copier | 10E001 2520 4100 00 000000 0000 | 79.22 |
| | | | Totals for GORDON FLESCH COMPANY INC | 7,079.73 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| GORDON FOOD SERVICE | 9005064819 | Food | 10E002 2560 4100 00 000000 0000 | 407.53 |
| GORDON FOOD SERVICE | 9005064821 | Food, Supplies | 10E002 2560 4100 00 000000 0000 | 193.44 |
| GORDON FOOD SERVICE | 9005064821 | Food, Supplies | 10E002 2560 4900 00 000000 0000 | 605.74 |
| GORDON FOOD SERVICE | 9005064825 | Food, Supplies | 10E002 2560 4100 00 000000 0000 | 3,194.50 |
| GORDON FOOD SERVICE | 9005064825 | Food, Supplies | 10E002 2560 4900 00 000000 0000 | 186.42 |
| GORDON FOOD SERVICE | 9005064828 | Food | 10E002 2560 4100 00 000000 0000 | 846.02 |
| GORDON FOOD SERVICE | 9005064829 | Food, Supplies | 10E002 2560 4100 00 000000 0000 | 901.32 |
| GORDON FOOD SERVICE | 9005064829 | Food, Supplies | 10E002 2560 4900 00 000000 0000 | 106.92 |
| GORDON FOOD SERVICE | 9005099259 | Food, Supplies | 10E005 2560 4100 00 000000 0000 | 637.68 |
| GORDON FOOD SERVICE | 9005099259 | Food, Supplies | 10E005 2560 4900 00 000000 0000 | 59.46 |
| GORDON FOOD SERVICE | 9005112233 | Food, Supplies | 10E002 2560 4100 00 000000 0000 | 899.21 |
| GORDON FOOD SERVICE | 9005112233 | Food, Supplies | 10E002 2560 4900 00 000000 0000 | 260.87 |
| GORDON FOOD SERVICE | 9005112350 | Food, Supplies | 10E004 2560 4100 00 000000 0000 | 1,660.57 |
| GORDON FOOD SERVICE | 9005112350 | Food, Supplies | 10E004 2560 4900 00 000000 0000 | 302.42 |
| GORDON FOOD SERVICE | 9005112357 | Food | 10E004 2560 4100 00 000000 0000 | 16.42 |
| GORDON FOOD SERVICE | 9005258973 | Food | 10E002 2560 4100 00 000000 0000 | 369.66 |
| GORDON FOOD SERVICE | 9005258977 | Food | 10E002 2560 4100 00 000000 0000 | 156.86 |
| GORDON FOOD SERVICE | 9005258978 | Food, Supplies | 10E002 2560 4100 00 000000 0000 | 1,172.80 |
| GORDON FOOD SERVICE | 9005258978 | Food, Supplies | 10E002 2560 4900 00 000000 0000 | 76.32 |
| GORDON FOOD SERVICE | 9005258979 | Food | 10E002 2560 4100 00 000000 0000 | 2,074.11 |
| GORDON FOOD SERVICE | 9005258983 | Food | 10E002 2560 4100 00 000000 0000 | 70.42 |
| GORDON FOOD SERVICE | 9005259030 | Food | 10E003 2560 4100 00 000000 0000 | 1,248.87 |
| GORDON FOOD SERVICE | 9005259035 | Supplies | 10E003 2560 4900 00 000000 0000 | 115.26 |
| GORDON FOOD SERVICE | 9005293573 | Food | 10E011 2560 4100 00 000000 0000 | 1,366.78 |
| GORDON FOOD SERVICE | 9005293574 | Food | 10E011 2560 4100 00 000000 0000 | 1,434.60 |
| GORDON FOOD SERVICE | 9005293576 | Supplies | 10E011 2560 4900 00 000000 0000 | 291.09 |
| GORDON FOOD SERVICE | 9005293577 | Food | 10E005 2560 4100 00 000000 0000 | 1,114.70 |
| GORDON FOOD SERVICE | 9005293590 | Food, Supplies | 10E010 2560 4100 00 000000 0000 | 979.73 |
| GORDON FOOD SERVICE | 9005293590 | Food, Supplies | 10E010 2560 4900 00 000000 0000 | 151.69 |
| GORDON FOOD SERVICE | 9005307297 | Food | 10E002 2560 4100 00 000000 0000 | 3,218.45 |
| GORDON FOOD SERVICE | 9005307330 | Food, Supplies | 10E004 2560 4100 00 000000 0000 | 1,487.17 |
| GORDON FOOD SERVICE | 9005307330 | Food, Supplies | 10E004 2560 4900 00 000000 0000 | 89.24 |
| GORDON FOOD SERVICE | 9005307334 | Food | 10E004 2560 4100 00 000000 0000 | 30.90 |
| GORDON FOOD SERVICE | 2000733898 | Credit for Fuel Surcharge, Apply to Inv# 9004725931 | 10E003 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000734884 | Food Credit, Apply to Inv# 9004879240 | 10E002 2560 4100 00 000000 0000 | -139.60 |
| GORDON FOOD SERVICE | 9005443944 | Food, Supplies | 10E002 2560 4100 00 000000 0000 | 874.79 |
| GORDON FOOD SERVICE | 9005443944 | Food, Supplies | 10E002 2560 4900 00 000000 0000 | 279.82 |
| GORDON FOOD SERVICE | 9005443950 | Food, Supplies | 10E002 2560 4100 00 000000 0000 | 1,218.64 |
| GORDON FOOD SERVICE | 9005443950 | Food, Supplies | 10E002 2560 4900 00 000000 0000 | 502.92 |
| GORDON FOOD SERVICE | 9005443953 | Food | 10E002 2560 4100 00 000000 0000 | 89.90 |
| GORDON FOOD SERVICE | 9005443954 | Food | 10E002 2560 4100 00 000000 0000 | 721.79 |
| GORDON FOOD SERVICE | 9005443955 | Food | 10E002 2560 4100 00 000000 0000 | 263.91 |
| GORDON FOOD SERVICE | 9005487697 | Food, Supplies | 10E004 2560 4100 00 000000 0000 | 1,788.99 |
| GORDON FOOD SERVICE | 9005487697 | Food, Supplies | 10E004 2560 4900 00 000000 0000 | 142.47 |
| GORDON FOOD SERVICE | 9005487701 | Food | 10E004 2560 4100 00 000000 0000 | 196.68 |
| GORDON FOOD SERVICE | 9005477269 | Food, Supplies | 10E010 2560 4100 00 000000 0000 | 1,357.41 |
| GORDON FOOD SERVICE | 9005477269 | Food, Supplies | 10E010 2560 4900 00 000000 0000 | 44.62 |
| GORDON FOOD SERVICE | 9005477270 | Food | 10E010 2560 4100 00 000000 0000 | 90.18 |
| GORDON FOOD SERVICE | 2000816948 | Credit for Fuel Surcharge, Apply to Inv# 9004348657 | 10E003 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000816952 | Credit for Fuel Surcharge, Apply to Inv# 9004396755 | 10E003 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000816956 | Credit for Fuel Surcharge, Apply to Inv# 9004536966 | 10E003 2560 4100 00 000000 0000 | -4.00 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| GORDON FOOD SERVICE | 2000816958 | Credit for Fuel Surcharge, Apply to Inv# 9004588425 | 10E003 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000816982 | Credit for Fuel Surcharge, Apply to Inv# 9004396733 | 10E002 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000816985 | Credit for Fuel Surcharge, Apply to Inv# 9004348619 | 10E002 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000816987 | Credit for Fuel Surcharge, Apply to Inv# 9004536939 | 10E002 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000816993 | Credit for Fuel Surcharge, Apply to Inv# 9004588392 | 10E002 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000817241 | Credit for Fuel Surcharge, Apply to Inv# 9004396774 | 10E004 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000817245 | Credit for Fuel Surcharge, Apply to Inv# 9004588475 | 10E004 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000817259 | Credit for Fuel Surcharge, Apply to Inv# 9004383227 | 10E010 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000817265 | Credit for Fuel Surcharge, Apply to Inv# 9004573102 | 10E010 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000817428 | Credit for Fuel Surcharge, Apply to Inv# 9004383010 | 10E005 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000817435 | Credit for Fuel Surcharge, Apply to Inv# 9004573030 | 10E005 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000817453 | Credit for Fuel Surcharge, Apply to Inv# 9004383115 | 10E011 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000817459 | Credit for Fuel Surcharge, Apply to Inv# 9004573057 | 10E011 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000817281 | Credit for Fuel Surcharge, Apply to Inv# 9004573088 | 10E008 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000817283 | Credit for Fuel Surcharge, Apply to Inv# 9004383202 | 10E008 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 2000711960 | Credit for Fuel Surcharge, Apply to Inv# 9004197419 | 10E010 2560 4100 00 000000 0000 | -4.00 |
| GORDON FOOD SERVICE | 9005099291 | Food, Supplies | 10E008 2560 4100 00 000000 0000 | 1,716.77 |
| GORDON FOOD SERVICE | 9005099291 | Food, Supplies | 10E008 2560 4900 00 000000 0000 | 120.39 |
| GORDON FOOD SERVICE | 9005099293 | Food | 10E008 2560 4100 00 000000 0000 | 138.84 |
| GORDON FOOD SERVICE | 9005293582 | Food | 10E008 2560 4100 00 000000 0000 | 2,168.28 |
| GORDON FOOD SERVICE | 9005477254 | Food | 10E005 2560 4100 00 000000 0000 | 503.18 |
| GORDON FOOD SERVICE | 9005477255 | Food | 10E005 2560 4100 00 000000 0000 | 52.51 |
| GORDON FOOD SERVICE | 9005477263 | Food, Supplies | 10E008 2560 4100 00 000000 0000 | 1,938.03 |
| GORDON FOOD SERVICE | 9005477263 | Food, Supplies | 10E008 2560 4900 00 000000 0000 | 183.91 |
| GORDON FOOD SERVICE | 9005477264 | Food | 10E008 2560 4100 00 000000 0000 | 27.59 |
| GORDON FOOD SERVICE | 2000676226 | Food Credit, Apply to Inv# 9004212031 | 10E002 2560 4100 00 000000 0000 | -15.45 |
| GORDON FOOD SERVICE | 9004879249 | Food | 10E003 2560 4100 00 000000 0000 | 1,286.46 |
| GORDON FOOD SERVICE | 9004879251 | Supplies | 10E003 2560 4900 00 000000 0000 | 71.50 |
| GORDON FOOD SERVICE | 9004925499 | Food | 10E003 2560 4100 00 000000 0000 | 924.00 |
| GORDON FOOD SERVICE | 9004925505 | Food | 10E003 2560 4100 00 000000 0000 | 69.42 |
| GORDON FOOD SERVICE | 9005064843 | Food | 10E003 2560 4100 00 000000 0000 | 1,454.98 |
| GORDON FOOD SERVICE | 9005112292 | Food | 10E003 2560 4100 00 000000 0000 | 890.94 |
| GORDON FOOD SERVICE | 9005112299 | Supplies | 10E003 2560 4900 00 000000 0000 | 155.17 |
| | | | Totals for GORDON FOOD SERVICE INC | 44,766.21 |
| GRAINGER | 9917082316 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 501.03 |
| GRAINGER | 9921619921 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 1,115.80 |
| GRAINGER | 9921619921 | Maintenance Supplies | 20E001 2540 7100 00 000000 0000 | 735.87 |
| GRAINGER | 9922333217 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 967.89 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| GRAINGER | 9938902807 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 534.44 |
| | | | Totals for GRAINGER | 3,855.03 |
| GRAVITT, KIRA | Tuition 12-23 | Tuition Reimbursement EDU 6110, 6500 | 10E008 1110 2300 00 000000 0000 | 900.00 |
| | | | Totals for GRAVITT, KIRA | 900.00 |
| GREENLEE, RYAN | Dec 2023 | Dec Mileage Reimbursement | 10E001 2660 3320 00 000000 0000 | 9.04 |
| | | | Totals for GREENLEE, RYAN | 9.04 |
| GROOM, MATTHEW | Tuition 12-23 | Tuition Reimbursement EDU 6500 | 10E002 1130 2300 00 000000 0000 | 450.00 |
| | | | Totals for GROOM, MATTHEW | 450.00 |
| GROOT INC | 11649065T107 | Nov Refuse and Recycle All Buildings | 20E001 2540 3210 00 000000 0000 | 2,826.80 |
| | | | Totals for GROOT INC | 2,826.80 |
| HAHN, EMILY | Tuition 12-23 | Tuition Reimbursement EDU 6225 | 10E002 1130 2300 00 000000 0000 | 450.00 |
| | | | Totals for HAHN, EMILY | 450.00 |
| HAMPSHIRE AUTO PARTS | 673939 | Grounds Supplies | 20E001 2540 4120 00 000000 0000 | 38.62 |
| | | | Totals for HAMPSHIRE AUTO PARTS | 38.62 |
| HAYES, EVA | Dec 2023 | Dec Mileage Reimbursement | 10E010 2560 3100 00 000000 0000 | 19.00 |
| | | | Totals for HAYES, EVA | 19.00 |
| HEROLD, LEAH | Dec 2023 | Dec Mileage Reimbursement | 10E001 2212 3320 00 000000 0000 | 144.96 |
| HEROLD, LEAH | Nov 2023 | Nov Mileage Reimbursement | 10E001 2212 3320 00 000000 0000 | 67.27 |
| HEROLD, LEAH | Dec 11 | Reimb Raising Student Achievement Conference Registration | 10E010 2212 6400 00 000000 0000 | 213.80 |
| | | | Totals for HEROLD, LEAH | 426.03 |
| HIGH PSI LTD | 82863 | Grounds Supplies | 20E001 2540 4120 00 000000 0000 | 152.24 |
| | | | Totals for HIGH PSI LTD | 152.24 |
| HINCKLEY SPRING WATE | 14870571 121623 | B & G Bottled Water | 20E001 2540 3700 00 000000 0000 | 427.69 |
| | | | Totals for HINCKLEY SPRING WATER COMPANY | 427.69 |
| HOME DEPOT PRO | 777419011 | Custodial Supplies | 20E001 2540 7100 00 000000 0000 | 1,296.16 |
| HOME DEPOT PRO | 777666959 | Custodial Supplies Credit, Apply to Inv# 774872030 | 20E001 2540 4100 00 000000 0000 | -86.68 |
| HOME DEPOT PRO | 777758483 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 173.51 |
| HOME DEPOT PRO | 778487397 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 32.80 |
| HOME DEPOT PRO | 778613562 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 1,469.04 |
| HOME DEPOT PRO | 778613570 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 319.83 |
| HOME DEPOT PRO | 778613588 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 57.00 |
| HOME DEPOT PRO | 778862557 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 236.40 |
| HOME DEPOT PRO | 778368936 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 2,542.72 |
| HOME DEPOT PRO | 778368944 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 34.98 |
| HOME DEPOT PRO | 778368951 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 1,269.13 |
| HOME DEPOT PRO | 778368969 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 1,078.16 |
| HOME DEPOT PRO | 778368977 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 3,114.46 |
| HOME DEPOT PRO | 778368985 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 1,798.37 |
| HOME DEPOT PRO | 778368993 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 1,235.17 |
| HOME DEPOT PRO | 779336205 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 26.60 |
| HOME DEPOT PRO | 779336213 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 402.60 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| HOME DEPOT PRO | 779640523 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 193.00 |
| HOME DEPOT PRO | 779908847 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 281.56 |
| HOME DEPOT PRO | 780032843 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 7.90 |
| HOME DEPOT PRO | 780476966 | Custodial Supplies | 20E001 2540 4100 00 000000 0000 | 7.90 |
| | | | Totals for HOME DEPOT PRO | 15,490.61 |
| HOUGHTON MIFFLIN COM | 8922255 | Into Reading V2 In Person Admin Coaching | 10E001 2210 3190 00 493200 0000 | 8,400.00 |
| | | | Totals for HOUGHTON MIFFLIN COMPANY | 8,400.00 |
| INDUSTRIAL APPRAISAL | 1-144-500 11/30 | Property Record Report 7/1/23 | 10E001 2310 3100 00 000000 0000 | 710.00 |
| INDUSTRIAL APPRAISAL | 1-144-500a 11/30 | Appraisal of Insurable Values | 10E001 2310 3100 00 000000 0000 | 880.00 |
| | | | Totals for INDUSTRIAL APPRAISAL COMPANY | 1,590.00 |
| INTERSTATE BILLING S | 3035302577 | Oil Filter | 40E001 2550 4100 00 000000 0000 | 30.90 |
| INTERSTATE BILLING S | 3035386436 | Bus 41 Repair | 40E001 2550 3230 00 000000 0000 | 342.88 |
| | | | Totals for INTERSTATE BILLING SERVICE | 373.78 |
| JACKSON, SARAH | Tuition 12-23 | Tuition Reimbursement EDU 6250, 6225 | 10E005 1110 2300 00 000000 0000 | 900.00 |
| | | | Totals for JACKSON, SARAH | 900.00 |
| JAPLON, LINDA | Tuition 11-23 | Tuition Reimbursement EDU 6240, 6235 | 10E011 1120 2300 00 000000 0000 | 900.00 |
| | | | Totals for JAPLON, LINDA | 900.00 |
| JASTER, ANN | Nov 16 | Prof Dev 2023 Proficio Conference | 10E004 2210 6400 00 000000 0000 | 250.00 |
| | | | Totals for JASTER, ANN | 250.00 |
| JENSEN, DAWN | Dec 16 | Reimb for Gluten Free Items | 10E004 2560 4100 00 000000 0000 | 9.04 |
| | | | Totals for JENSEN, DAWN | 9.04 |
| JUSKE, THEODORE | 1201205 | Reimb Evaluating Certified Staff Training | 10E002 1500 6400 00 000000 0000 | 450.00 |
| | | | Totals for JUSKE, THEODORE | 450.00 |
| JW PEPPER & SON, INC | 365785372 | Vocal Supplies | 10E002 1130 4100 00 000000 0000 | 102.74 |
| JW PEPPER & SON, INC | 365788183 | Vocal Supplies | 10E002 1130 4100 00 000000 0000 | 15.00 |
| | | | Totals for JW PEPPER & SON, INC | 117.74 |
| KANE COUNTY REGIONAL | 8002400098 | November Fingerprinting | 10E001 2520 3100 00 000000 0000 | 140.00 |
| | | | Totals for KANE COUNTY REGIONAL OFFICE O | 140.00 |
| KARAMITSOS, ALYSSA | Tuition 12-23 | Tuition Reimbursement EDU 6250, 6225 | 10E002 1130 2300 00 000000 0000 | 900.00 |
| | | | Totals for KARAMITSOS, ALYSSA | 900.00 |
| KEENY, BETH | Dec 7 | Prof Dev Multilingual Conference | 10E004 2210 6400 00 000000 0000 | 212.51 |
| | | | Totals for KEENY, BETH | 212.51 |
| KING, NICHOLAS | Dec 2023 | Dec Mileage Reimbursement | 10E001 2660 3320 00 000000 0000 | 50.11 |
| | | | Totals for KING, NICHOLAS | 50.11 |
| LARSON & DARBY GROUP | 44021 | Professional Services for CHS Addition | 20E002 2540 5400 00 000000 0000 | 11,476.19 |
| LARSON & DARBY GROUP | 44022 | Professional Services for Future | 20E002 2540 5410 00 000000 0000 | 381,311.24 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| | | High School | | |
| | | | Totals for LARSON & DARBY GROUP | 392,787.43 |
| LEITNER, BRAD | Dec 2023 | Dec Mileage Reimbursement | 10E001 2660 3320 00 000000 0000 | 14.67 |
| | | | Totals for LEITNER, BRAD | 14.67 |
| LEWIS, KIMBERLY | Dec 5 | Reimb Staff Supplies | 10E004 2410 4100 00 000000 0000 | 285.00 |
| | | | Totals for LEWIS, KIMBERLY | 285.00 |
| LOVE YOUR CLASSROOM | 1179 | BCBA Consultation | 10E001 2210 3100 00 462000 0000 | 321.62 |
| | | | Totals for LOVE YOUR CLASSROOM LLC | 321.62 |
| LUGO, DARIUS | Dec 6 | Prof Day Multilingual IL 2023 Conference | 10E010 2210 6400 00 000000 0000 | 185.00 |
| | | | Totals for LUGO, DARIUS | 185.00 |
| MACGILL DISCOUNT SCH | IN0858279 | Vision Machine Part PV | 10E008 1110 4250 00 000000 0000 | 72.79 |
| | | | Totals for MACGILL DISCOUNT SCHOOL NURSE | 72.79 |
| MAGNATAG VISIBLE SYS | 662327 | Guidance Supplies | 10E002 1130 7100 00 000000 0000 | 3,146.40 |
| | | | Totals for MAGNATAG VISIBLE SYSTEMS | 3,146.40 |
| MARTINEZ, FORTINO | Uniform FY24 | 2023-2024 Uniform Reimbursement | 20E002 2540 4110 00 000000 0000 | 60.25 |
| | | | Totals for MARTINEZ, FORTINO | 60.25 |
| MASCOT JUNCTION, INC | 20231703 | Photo Backdrop | 10E008 1110 4100 00 000000 0000 | 374.00 |
| | | | Totals for MASCOT JUNCTION, INC | 374.00 |
| MCCOY-PEPIOT, KATHLE | Dec 16 | Reimb Winter Fest Supplies | 10E003 2410 4100 00 000000 0000 | 84.59 |
| | | | Totals for MCCOY-PEPIOT, KATHLEEN | 84.59 |
| MCGRAW HILL SCHOOL E | 130670391001 | Number Worlds STAR Classroom | 10E001 1200 4100 00 462000 0000 | 1,547.83 |
| MCGRAW HILL SCHOOL E | 130697517001 | Number Worlds STAR Classroom | 10E001 1200 4100 00 462000 0000 | 189.00 |
| | | | Totals for MCGRAW HILL SCHOOL EDUCATION | 1,736.83 |
| MENARDS, ELGIN | 70483 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 13.98 |
| MENARDS, ELGIN | 70542 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 61.62 |
| MENARDS, ELGIN | 70647 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 106.31 |
| MENARDS, ELGIN | 70675 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 136.44 |
| MENARDS, ELGIN | 70776 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 188.94 |
| MENARDS, ELGIN | 70902 | Braided Cord | 40E001 2550 4100 00 000000 0000 | 6.88 |
| MENARDS, ELGIN | 71552 | Transportation Supplies | 40E001 2550 4110 00 000000 0000 | 45.35 |
| MENARDS, ELGIN | 71100 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 13.41 |
| MENARDS, ELGIN | 71119 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 7.69 |
| MENARDS, ELGIN | 71265 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 353.15 |
| MENARDS, ELGIN | 71266 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 27.94 |
| MENARDS, ELGIN | 71413 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 92.84 |
| MENARDS, ELGIN | 71491 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 99.38 |
| MENARDS, ELGIN | 71589 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 299.25 |
| MENARDS, ELGIN | 71919 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 48.66 |
| | | | Totals for MENARDS, ELGIN | 1,501.84 |
| MENTA ACADEMY DEKALB | SESINV-033780 | Dec Monthly Tuition | 10E001 1912 6700 00 000000 0000 | 6,090.24 |
| MENTA ACADEMY DEKALB | SESINV-033781 | Dec Monthly Tuition | 10E001 1912 6700 00 000000 0000 | 3,179.68 |
| | | | Totals for MENTA ACADEMY DEKALB | 9,269.92 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| MESIK, KRISTEN | Tuition 12-23 | Tuition Reimbursement EDU 6110, 6500 | 10E003 1120 2300 00 000000 0000 | 900.00 |
| | | | Totals for MESIK, KRISTEN | 900.00 |
| METRO PREP | MPG 674502 | Nov Monthly Tuition | 10E001 1912 6700 00 000000 0000 | 5,626.80 |
| | | | Totals for METRO PREP | 5,626.80 |
| MILLENNIUM INVESTIGA | 10865 | Surveillance | 10E001 2310 3100 00 000000 0000 | 1,650.00 |
| | | | Totals for MILLENNIUM INVESTIGATIONS | 1,650.00 |
| MINEHART, MEGAN | Dec 6 | Reimb Staff Holiday Supplies | 10E011 2410 4900 00 000000 0000 | 112.91 |
| | | | Totals for MINEHART, MEGAN | 112.91 |
| NASCO EDUCATION | 550414 | Math Supplies | 10E002 1130 4100 00 000000 0000 | 197.70 |
| | | | Totals for NASCO EDUCATION | 197.70 |
| NATIONAL SCHOOL FORM | 57796 | Bus Conduct Forms | 40E001 2550 4110 00 000000 0000 | 271.84 |
| | | | Totals for NATIONAL SCHOOL FORMS | 271.84 |
| NELCO | 8809652 | CHS Imprest and Activity Checks, Envelopes | 10E001 2520 4100 00 000000 0000 | 2,072.18 |
| | | | Totals for NELCO | 2,072.18 |
| NICOR GAS | 25108036754 11-2 | Nicor Delivery Fee CT | 20E010 2540 4650 00 000000 0000 | 978.19 |
| NICOR GAS | 34854410007 11-2 | Nicor Delivery Fee CMS | 20E003 2540 4650 00 000000 0000 | 2,757.90 |
| NICOR GAS | 50818310000 11-2 | Nicor Delivery Fee CHS | 20E002 2540 4650 00 000000 0000 | 3,856.86 |
| NICOR GAS | 60695549521 11-2 | Nicor Delivery Fee PKMS | 20E011 2540 4650 00 000000 0000 | 3,428.16 |
| NICOR GAS | 71598710003 11-2 | Nicor Delivery Fee LL | 20E005 2540 4650 00 000000 0000 | 1,750.22 |
| NICOR GAS | 81115810004 11-2 | Nicor Delivery Fee DO | 20E001 2540 4650 00 000000 0000 | 1,309.11 |
| NICOR GAS | 85998410006 11-2 | Nicor Delivery Fee PV | 20E008 2540 4650 00 000000 0000 | 1,237.64 |
| NICOR GAS | 96617810005 11-2 | Nicor Delivery Fee HBT | 20E004 2540 4650 00 000000 0000 | 1,937.06 |
| | | | Totals for NICOR GAS | 17,255.14 |
| NIHIP | Jan 2024 Final | Medical Claims | 10E002 1130 2220 00 000000 0000 | 203.23 |
| NIHIP | Jan 2024 Final | Medical Claims | 20E001 2540 2210 00 000000 0000 | 3.04 |
| NIHIP | Jan 2024 Final | Medical Claims | 20E001 2540 2220 00 000000 0000 | 3,716.06 |
| | | | Totals for NIHIP | 3,922.33 |
| NOLAN, SARAH | Dec 13 | 95% Reimbursement | 10E001 2210 4100 00 000000 0000 | 150.08 |
| NOLAN, SARAH | Dec 2023 | Dec Mileage Reimbursement | 10E001 2330 3320 00 000000 0000 | 102.76 |
| | | | Totals for NOLAN, SARAH | 252.84 |
| NORMOYLE, KATIE | Dec 2023 | Dec Mileage Reimbursement | 10E001 2212 3320 00 000000 0000 | 160.28 |
| NORMOYLE, KATIE | Dec 11 | Reimb Raising Student Awareness Conference Registration | 10E010 2212 6400 00 000000 0000 | 368.15 |
| | | | Totals for NORMOYLE, KATIE | 528.43 |
| NRG | HS33976388 | Gas Service All Buildings | 20E001 2540 4650 00 000000 0000 | 440.22 |
| NRG | HS33976388 | Gas Service All Buildings | 20E002 2540 4650 00 000000 0000 | 3,854.30 |
| NRG | HS33976388 | Gas Service All Buildings | 20E003 2540 4650 00 000000 0000 | 1,591.37 |
| NRG | HS33976388 | Gas Service All Buildings | 20E004 2540 4650 00 000000 0000 | 1,257.40 |
| NRG | HS33976388 | Gas Service All Buildings | 20E005 2540 4650 00 000000 0000 | 646.91 |
| NRG | HS33976388 | Gas Service All Buildings | 20E008 2540 4650 00 000000 0000 | 1,687.95 |
| NRG | HS33976388 | Gas Service All Buildings | 20E010 2540 4650 00 000000 0000 | 1,583.94 |
| NRG | HS33976388 | Gas Service All Buildings | 20E011 2540 4650 00 000000 0000 | 2,549.42 |
| | | | Totals for NRG | 13,611.51 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| OFFICE DEPOT/ODP BUS | 342385207001 | Office Supplies | 10E004 1110 4100 00 000000 0000 | 51.98 |
| OFFICE DEPOT/ODP BUS | 344582151001 | Construction Paper | 10E010 1110 4100 00 000000 0000 | 84.75 |
| | | | Totals for OFFICE DEPOT/ODP BUSINESS SOL | 136.73 |
| OTTO, ASHLEY | Dec 7 | Prof Dev Multilingual Conference | 10E004 2210 6400 00 000000 0000 | 185.00 |
| | | | Totals for OTTO, ASHLEY | 185.00 |
| PACE ANALYTICAL SERV | I9579418 | Water Sample Result CMS | 20E001 2540 3100 00 000000 0000 | 228.40 |
| | | | Totals for PACE ANALYTICAL SERVICES, LLC | 228.40 |
| PARISI, NICOLE | Tuition 12-23 | Tuition Reimbursement EDU 6110, 6500 | 10E003 1120 2300 00 000000 0000 | 900.00 |
| | | | Totals for PARISI, NICOLE | 900.00 |
| PAROLA, SCOTT | Tuition 12-23 | Tuition Reimbursement EDU 6110, 6500 | 10E003 1120 2300 00 000000 0000 | 900.00 |
| | | | Totals for PAROLA, SCOTT | 900.00 |
| PAULUS, KIMBERLY | Dec 2023 | Dec Mileage Reimbursement | 10E001 2212 3320 00 000000 0000 | 147.05 |
| PAULUS, KIMBERLY | Nov 2023 | Nov Mileage Reimbursement | 10E001 2212 3320 00 000000 0000 | 299.68 |
| PAULUS, KIMBERLY | Dec 11 | Reimb Raising Student Awareness Conference Registration | 10E011 2212 6400 00 000000 0000 | 213.80 |
| | | | Totals for PAULUS, KIMBERLY | 660.53 |
| PEARSON NCS | 23851914 | Assessment Forms | 10E001 2230 3190 00 462000 0000 | 403.66 |
| | | | Totals for PEARSON NCS | 403.66 |
| PEERLESS NETWORK, IN | 39783 | Phones | 20E001 2540 3400 00 000000 0000 | 1,144.20 |
| | | | Totals for PEERLESS NETWORK, INC. | 1,144.20 |
| PEPSI COLA GEN BOT I | 81760213 | Pepsi Products | 10E002 2560 4100 00 000000 0000 | 1,392.92 |
| PEPSI COLA GEN BOT I | 81760214 | Pepsi Products | 10E002 2560 4100 00 000000 0000 | 304.80 |
| PEPSI COLA GEN BOT I | 84482409 | Pepsi Products | 10E002 2560 4100 00 000000 0000 | 1,884.06 |
| PEPSI COLA GEN BOT I | 84482410 | Pepsi Products | 10E002 2560 4100 00 000000 0000 | 243.84 |
| PEPSI COLA GEN BOT I | 90338405 | Pepsi Products | 10E011 2560 4100 00 000000 0000 | 229.40 |
| PEPSI COLA GEN BOT I | 85766758 | Pepsi Products | 10E002 2560 4100 00 000000 0000 | 457.20 |
| PEPSI COLA GEN BOT I | 50654211 | Pepsi products | 10E002 2560 4100 00 000000 0000 | 91.44 |
| PEPSI COLA GEN BOT I | 757460 | Pepsi products | 10E002 2560 4100 00 000000 0000 | 2,885.20 |
| PEPSI COLA GEN BOT I | 19733005 | Pepsi products | 10E002 2560 4100 00 000000 0000 | 304.80 |
| PEPSI COLA GEN BOT I | 17304608 | Pepsi products | 10E002 2560 4100 00 000000 0000 | 198.12 |
| PEPSI COLA GEN BOT I | 86112160 | Pepsi Products | 10E002 2560 4100 00 000000 0000 | 686.40 |
| PEPSI COLA GEN BOT I | 86112161 | Pepsi Products | 10E002 2560 4100 00 000000 0000 | 381.00 |
| | | | Totals for PEPSI COLA GEN BOT INC | 9,059.18 |
| PITNEY BOWES GLOBAL | 1024341215 | Postage Ink CHS | 10E002 2410 3410 00 000000 0000 | 127.81 |
| | | | Totals for PITNEY BOWES GLOBAL FINANCIAL | 127.81 |
| PITNEY BOWES INC | Postage 12-23 | Dec postage added to meter | 10E001 2520 3100 00 000000 0000 | 500.00 |
| | | | Totals for PITNEY BOWES INC | 500.00 |
| POLOWY, DANIEL | Dec 21 2023 | Reimbursement for Holiday Luncheon | 20E001 2540 4110 00 000000 0000 | 74.64 |
| | | | Totals for POLOWY, DANIEL | 74.64 |
| POMP'S TIRE SERVICE | 640112675 | Mail Van Repair | 20E002 2540 3230 00 000000 0000 | 426.56 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| | | | Totals for POMP'S TIRE SERVICE | 426.56 |
| PORTO, BRETT | Tuition 12-23 | Tuition Reimbursement Curriculum Construction, Concordia Univ | 10E008 1110 2300 00 000000 0000 | 450.00 |
| | | | Totals for PORTO, BRETT | 450.00 |
| PORTO, PAMELA | Dec 19 | Reimb for Refreshments | 40E001 2550 4900 00 000000 0000 | 134.53 |
| PORTO, PAMELA | Dec 21 | Reimbursement for Supplies | 40E001 2550 4900 00 000000 0000 | 95.48 |
| | | | Totals for PORTO, PAMELA | 230.01 |
| POTSIC, MICHAEL | Dec 2023 | Dec Mileage Reimbursement | 10E001 2330 3320 00 000000 0000 | 77.95 |
| | | | Totals for POTSIC, MICHAEL | 77.95 |
| PRINT TRANSFORMATION | 21181 | Graphics for School Doors, Entrance and Windows | 10E005 2410 4100 00 000000 0000 | 2,690.50 |
| | | | Totals for PRINT TRANSFORMATIONS | 2,690.50 |
| PRIOLA, RACHEL | Dec 2023 | Dec Mileage Reimbursement | 10E001 2212 3320 00 000000 0000 | 199.15 |
| PRIOLA, RACHEL | Dec 11 | Reimb Raising Student Awareness Conference Registration | 10E010 2212 6400 00 000000 0000 | 213.80 |
| PRIOLA, RACHEL | Tuition 12-23 | Tuition Reimbursement EDU 6610 | 10E001 2212 2300 00 000000 0000 | 450.00 |
| | | | Totals for PRIOLA, RACHEL | 862.95 |
| PRO-ED | 3020577 | Protocols | 10E001 2230 3190 00 462000 0000 | 56.10 |
| | | | Totals for PRO-ED | 56.10 |
| RADI-LINK, INC | 109435 | Buildings and Grounds Motorola Radios | 20E001 2540 4110 00 000000 0000 | 450.00 |
| RADI-LINK, INC | 109435 | Buildings and Grounds Motorola Radios | 20E001 2540 7100 00 000000 0000 | 4,110.00 |
| | | | Totals for RADI-LINK, INC | 4,560.00 |
| REED ATHLETICS LLC | 26 | Wrestling Hydration Test | 10E002 1500 3190 00 000000 0000 | 15.00 |
| | | | Totals for REED ATHLETICS LLC | 15.00 |
| REVTRAK | Fees 12-23 | Dec credit card fees | 10E001 2520 3100 00 000000 0000 | 1,372.88 |
| | | | Totals for REVTRAK | 1,372.88 |
| RINDHAGE, RICHARD | 91574 | Reimb Bus Driver Employment Advertisement | 40E001 2550 4110 00 000000 0000 | 365.00 |
| RINDHAGE, RICHARD | Dec 13 | Reimb Bus Drivers Employment Ad | 40E001 2550 3700 00 000000 0000 | 151.00 |
| RINDHAGE, RICHARD | Dec 17 | Reimb Supplies | 40E001 2550 4900 00 000000 0000 | 97.44 |
| RINDHAGE, RICHARD | Jan 6 | Reimb Bus Driver Education Course for N. Blazek | 40E001 2550 6400 00 000000 0000 | 10.00 |
| | | | Totals for RINDHAGE, RICHARD | 623.44 |
| ROADWAY TOWING & SER | 22575 | Safety Lane Towing | 40E001 2550 6400 00 000000 0000 | 376.00 |
| | | | Totals for ROADWAY TOWING & SERVICE, INC | 376.00 |
| ROBINSON, MARISA | Oct 1 | Prof Dev AISLE Conf Mileage | 10E005 2210 6400 00 000000 0000 | 132.46 |
| | | | Totals for ROBINSON, MARISA | 132.46 |
| ROLLING MEADOWS HIGH | Jan 13 | CHS Dance Contract 1/13/24 | 10E002 1500 6400 00 000000 0000 | 555.00 |
| | | | Totals for ROLLING MEADOWS HIGH SCHOOL | 555.00 |
| SCHOOL SPECIALTY LLC | 208133509796 | Construction Paper | 10E008 1110 4100 00 000000 0000 | 220.50 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| SCHOOL SPECIALTY LLC | 208133514850 | Laminating Film | 10E004 1110 4100 00 000000 0000 | 598.20 |
| SCHOOL SPECIALTY LLC | 208133362645 | Credit, Apply to Inv# 208133232336 | 10E008 2410 4100 00 000000 0000 | -118.04 |
| | | | Totals for SCHOOL SPECIALTY LLC | 700.66 |
| SCHOOLBELLS LTD | 1584 | Private Transportation December | 40E001 2550 3310 00 000000 0000 | 3,127.00 |
| | | | Totals for SCHOOLBELLS LTD | 3,127.00 |
| SCHREUR, LAMBERTUS | Dec 2023 | Dec Mileage Reimbursement | 10E001 2660 3320 00 000000 0000 | 57.43 |
| | | | Totals for SCHREUR, LAMBERTUS | 57.43 |
| SCHULTZ, ASHLEY | Tuition 12-23 | Tuition Reimbursement EDU 6250, 6225 | 10E005 1110 2300 00 000000 0000 | 900.00 |
| | | | Totals for SCHULTZ, ASHLEY | 900.00 |
| SCHURING & SCHURING | Dec 2023 CHS | Dairy | 10E002 2560 4100 00 000000 0000 | 735.68 |
| SCHURING & SCHURING | Dec 2023 CT | Dairy | 10E010 2560 4100 00 000000 0000 | 1,319.00 |
| SCHURING & SCHURING | Dec 2023 HBT | Dairy | 10E004 2560 4100 00 000000 0000 | 1,297.60 |
| SCHURING & SCHURING | Dec 2023 LL | Dairy | 10E005 2560 4100 00 000000 0000 | 484.16 |
| SCHURING & SCHURING | Dec 2023 PKMS | Dairy | 10E011 2560 4100 00 000000 0000 | 780.70 |
| SCHURING & SCHURING | Dec 2023 PV | Dairy | 10E008 2560 4100 00 000000 0000 | 1,507.88 |
| SCHURING & SCHURING | Dec 2023 CMS | Dairy | 10E003 2560 4100 00 000000 0000 | 445.00 |
| | | | Totals for SCHURING & SCHURING | 6,570.02 |
| SEAL OF ILLINOIS | 12172 | Dec Monthly Tuition | 10E001 1912 6700 00 000000 0000 | 18,737.70 |
| | | | Totals for SEAL OF ILLINOIS | 18,737.70 |
| SERVICE CONCEPTS, IN | 32391 | Pump Couplers and Economizer Filters CT | 20E001 2540 4110 00 000000 0000 | 269.87 |
| SERVICE CONCEPTS, IN | 32392 | Bathroom Fixtures DO | 20E001 2540 4110 00 000000 0000 | 272.82 |
| SERVICE CONCEPTS, IN | 32393 | Flue Piping CHS | 20E001 2540 4110 00 000000 0000 | 121.41 |
| SERVICE CONCEPTS, IN | 32394 | Replaced Gas Valve Transportation Maintenance Bldg | 20E001 2540 4110 00 000000 0000 | 183.30 |
| SERVICE CONCEPTS, IN | 32395 | Replaced Rooftop Unit Proving Switch LL | 20E001 2540 4110 00 000000 0000 | 541.79 |
| SERVICE CONCEPTS, IN | 32396 | Rooftop Unit PKMS and Water Well Air Compressor HBT PV | 20E001 2540 4110 00 000000 0000 | 0.00 |
| SERVICE CONCEPTS, IN | 32049 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 268.66 |
| SERVICE CONCEPTS, IN | 32053 | DO Renovation | 20E001 2540 3100 00 000000 0000 | 14,740.48 |
| SERVICE CONCEPTS, IN | 32053 | DO Renovation | 20E001 2540 7100 00 000000 0000 | 822.22 |
| SERVICE CONCEPTS, IN | 32365 | Replaced relay and capacitor for reach in cooler PKMS | 10E011 2560 3230 00 000000 0000 | 70.10 |
| SERVICE CONCEPTS, IN | 32426 | Combustion Blower Motor Replacement | 20E001 2540 7100 00 000000 0000 | 837.81 |
| SERVICE CONCEPTS, IN | 32427 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 320.50 |
| SERVICE CONCEPTS, IN | 32428 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 291.54 |
| SERVICE CONCEPTS, IN | 32460 | Maintenance Supplies LL WO# 32936 | 20E001 2540 4110 00 000000 0000 | 73.99 |
| SERVICE CONCEPTS, IN | 32460 | Maintenance Supplies LL WO# 32936 | 20E001 2540 7100 00 000000 0000 | 549.38 |
| SERVICE CONCEPTS, IN | 32367 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 311.40 |
| SERVICE CONCEPTS, IN | 32367 | Maintenance Supplies | 20E001 2540 7100 00 000000 0000 | 764.63 |
| SERVICE CONCEPTS, IN | 32453 | Maintenance Supplies | 20E001 2540 3100 00 000000 0000 | 9,360.00 |
| SERVICE CONCEPTS, IN | 32457 | Replaced start components for reach in cooler at PV | 10E008 2560 3230 00 000000 0000 | 232.14 |
| SERVICE CONCEPTS, IN | 32458 | Repaired convection ovens at CHS | 10E002 2560 3230 00 000000 0000 | 0.00 |
| SERVICE CONCEPTS, IN | 32493 | Maintenance Supplies | 20E001 2540 7100 00 000000 0000 | 2,922.56 |
| SERVICE CONCEPTS, IN | 32494 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 449.75 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| SERVICE CONCEPTS, IN | 32495 | Maintenance Supplies | 20E001 2540 4110 00 000000 0000 | 0.00 |
| SERVICE CONCEPTS, IN | 32243 | Set new steamer and installed new water filter assembly at CHS | 10E002 2560 3230 00 000000 0000 | 317.82 |
| SERVICE CONCEPTS, IN | 32244 | Repaired 3 door freezer at PV | 10E008 2560 3230 00 000000 0000 | 0.00 |
| SERVICE CONCEPTS, IN | 32360 | Replaced weather strip on reach in freezer at LL | 10E005 2560 3230 00 000000 0000 | 15.83 |
| SERVICE CONCEPTS, IN | 32389 | Repaired and added refrigerant to condensing unit at CT | 10E010 2560 3230 00 000000 0000 | 179.60 |
| SERVICE CONCEPTS, IN | 32390 | Replaced evaporator coil and repaired reach in cooler at HBT | 10E004 2560 3230 00 000000 0000 | 191.98 |
| SERVICE CONCEPTS, IN | 32390 | Replaced evaporator coil and repaired reach in cooler at HBT | 10E004 2560 7100 00 000000 0000 | 596.28 |
| | | | Totals for SERVICE CONCEPTS, INC | 34,705.86 |
| SERVICE SANITATION I | 8757334 | CHS Service of Mobile Classrooms and Port O Lets | 20E001 2540 3100 00 000000 0000 | 695.40 |
| SERVICE SANITATION I | 8757335 | CHS Service of Mobile Classrooms and Port O Lets | 20E001 2540 3100 00 000000 0000 | 168.35 |
| SERVICE SANITATION I | 8757336 | CT Service of Mobile Classrooms and Port O Lets | 20E001 2540 3100 00 000000 0000 | 2,781.60 |
| SERVICE SANITATION I | 8757337 | HBT Service of Mobile Classrooms and Port O Lets | 20E001 2540 3100 00 000000 0000 | 2,781.60 |
| SERVICE SANITATION I | 8757338 | PV Service of Mobile Classrooms and Port O Lets | 20E001 2540 3100 00 000000 0000 | 2,781.60 |
| SERVICE SANITATION I | 8757339 | LL Service of Mobile Classrooms and Port O Lets | 20E001 2540 3100 00 000000 0000 | 1,390.80 |
| | | | Totals for SERVICE SANITATION INC | 10,599.35 |
| SHADEL, VICTORIA | Dec 6 | Reimburse Soda for BPAC Meeting | 10E001 1800 4100 00 000000 0000 | 126.36 |
| | | | Totals for SHADEL, VICTORIA | 126.36 |
| SHALES MCNUTT CONSTR | Appl No. 04 | Central High School Addition | 20E002 2540 5400 00 000000 0000 | 313,963.48 |
| | | | Totals for SHALES MCNUTT CONSTRUCTION | 313,963.48 |
| SIMONCELLI, TIFFANY | Tuition 12-23 | Tuition Reimbursement HIS 57101 | 10E002 1130 2300 00 000000 0000 | 450.00 |
| | | | Totals for SIMONCELLI, TIFFANY | 450.00 |
| SOELKE, COLLEEN | Tuition 12-23 | Tuition Reimbursement, SPED 6515, 6555 | 10E005 1110 2300 00 000000 0000 | 900.00 |
| | | | Totals for SOELKE, COLLEEN | 900.00 |
| SONITROL CHICAGOLAND | 255548 | Security Services CHS | 20E001 2540 3100 00 000000 0000 | 2,760.00 |
| SONITROL CHICAGOLAND | 255549 | Security Services CMS | 20E001 2540 3100 00 000000 0000 | 2,511.00 |
| SONITROL CHICAGOLAND | 255550 | Security Services PKMS | 20E001 2540 3100 00 000000 0000 | 2,091.00 |
| | | | Totals for SONITROL CHICAGOLAND WEST | 7,362.00 |
| STONER, KELLI | Tuition 12-23 | Tuition Reimbursement EDU 6110, 6500 | 10E002 1130 2300 00 000000 0000 | 900.00 |
| | | | Totals for STONER, KELLI | 900.00 |
| STOVER, GAIL | Nov 2023 | Nov Mileage Reimbursement | 10E001 2212 3320 00 000000 0000 | 136.48 |
| STOVER, GAIL | Dec 2023 | Dec Mileage Reimbursement | 10E001 2212 3320 00 000000 0000 | 186.55 |
| STOVER, GAIL | Dec 11 | Reimb Raising Student Awareness Conference Registration | 10E010 2212 6400 00 000000 0000 | 213.80 |
| | | | Totals for STOVER, GAIL | 536.83 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| STOVER, WAYNE | Uniform FY24 | 2023-2024 Uniform Reimbursement | 20E002 2540 4110 00 000000 0000 | 179.01 |
| | | | Totals for STOVER, WAYNE | 179.01 |
| STRACH, BRENDA | Tuition 12-23 | Tuition Reimbursement EDU 6110, 6500 | 10E003 1120 2300 00 000000 0000 | 900.00 |
| | | | Totals for STRACH, BRENDA | 900.00 |
| SULLIVAN, SUE | Dec 5 | Art Supplies Reimbursement | 10E003 1120 4100 00 000000 0000 | 47.47 |
| | | | Totals for SULLIVAN, SUE | 47.47 |
| SUNCLOUD HEALTH, S.C | 1125-373 | Nov Homebound Tutoring | 10E001 1200 3140 00 462000 0000 | 120.00 |
| | | | Totals for SUNCLOUD HEALTH, S.C. | 120.00 |
| TANNER'S AUTO AND TR | 657 | Maintenance Vehicle Repair | 20E002 2540 3230 00 000000 0000 | 235.46 |
| TANNER'S AUTO AND TR | 661 | Maintenance Vehicle Repair | 20E002 2540 3230 00 000000 0000 | 388.40 |
| | | | Totals for TANNER'S AUTO AND TRUCK REPAI | 623.86 |
| TESTA PRODUCE | 5606892 | Fresh Produce | 10E004 2560 4100 00 000000 0000 | 49.00 |
| TESTA PRODUCE | 5607654 | Fresh Produce | 10E002 2560 4100 00 000000 0000 | 96.85 |
| TESTA PRODUCE | 5612298 | Fresh Produce | 10E002 2560 4100 00 000000 0000 | 58.95 |
| TESTA PRODUCE | 5606980 | Fresh Produce | 10E010 2560 4100 00 000000 0000 | 19.75 |
| TESTA PRODUCE | 5585784 | Fresh Produce | 10E010 2560 4100 00 000000 0000 | 81.75 |
| | | | Totals for TESTA PRODUCE | 306.30 |
| THE COURIER NEWS | 33950368 2024 | Subscription Through 12/2024 | 10E001 2320 6400 00 000000 0000 | 322.40 |
| | | | Totals for THE COURIER NEWS | 322.40 |
| THERAPY TRAVELERS, L | INV93860 | Contracted SpEd Teacher | 10E001 1205 3100 00 000000 0000 | 3,020.00 |
| | | | Totals for THERAPY TRAVELERS, LLC | 3,020.00 |
| UNITY SCHOOL BUS PAR | 567986-IN | Clear Roud Bullet Style LED | 40E001 2550 4100 00 000000 0000 | 10.95 |
| UNITY SCHOOL BUS PAR | 568285-IN | Heated Glass and Bulb | 40E001 2550 4100 00 000000 0000 | 127.30 |
| | | | Totals for UNITY SCHOOL BUS PARTS | 138.25 |
| URBANA SCHOOL DISTRI | April 5 | CHS Girls Soccer Contract 4/5 and 4/6 | 10E002 1500 3900 00 000000 0000 | 260.00 |
| | | | Totals for URBANA SCHOOL DISTRICT #116 | 260.00 |
| US BANK | 7169438 | Bond Payment 2006 | 30E001 5400 3190 00 000000 0000 | 605.00 |
| | | | Totals for US BANK | 605.00 |
| US BANK EQUIPMENT FI | 517596086 | Copiers | 10E001 2410 3250 00 000000 0000 | 3,016.81 |
| | | | Totals for US BANK EQUIPMENT FINANCE, IN | 3,016.81 |
| VALENTINI, MARK | Tuition 12-23 | Tuition Reimbursement EDU 6250, 6225 | 10E011 1120 2300 00 000000 0000 | 900.00 |
| | | | Totals for VALENTINI, MARK | 900.00 |
| VAUGHN, MICHELLE | Dec 2023 | Dec Mileage Reimbursement | 10E001 1205 3320 00 000000 0000 | 102.70 |
| | | | Totals for VAUGHN, MICHELLE | 102.70 |
| VERIZON WIRELESS SER | 9951877003 | B & G Cell Phone MiFi Emergency Phones | 20E001 2540 3400 00 000000 0000 | 1,000.73 |
| | | | Totals for VERIZON WIRELESS SERVICES LLC | 1,000.73 |
| VEST, JENNA | Tuition 12-23 | Tuition Reimbursement EDU 6250, | 10E002 1130 2300 00 000000 0000 | 900.00 |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| | | 6225 | | |
| | | | Totals for VEST, JENNA | 900.00 |
| VOCK, ANDREW | Tuition 12-23 | Tuition Reimbursement EDU 6500 | 10E002 1130 2300 00 000000 0000 | 450.00 |
| | | | Totals for VOCK, ANDREW | 450.00 |
| VONSCHNASE, JESSICA | Dec 13 | Reimb Food Svc Staff Holiday Party | 10E001 2560 4900 00 000000 0000 | 542.06 |
| | | | Totals for VONSCHNASE, JESSICA | 542.06 |
| WALKER, SHARON | Dec 2023 | Dec Mileage Reimbursement | 10E003 1120 3320 00 000000 0000 | 29.87 |
| WALKER, SHARON | Dec 2023 | Dec Mileage Reimbursement | 10E005 1110 3320 00 000000 0000 | 29.87 |
| | | | Totals for WALKER, SHARON | 59.74 |
| WAY, JESSICA | Tuition 12-23 | Tuition Reimbursement EDU 6250, 6225 | 10E005 1110 2300 00 000000 0000 | 900.00 |
| | | | Totals for WAY, JESSICA | 900.00 |
| WEBMARC WHOLESALE IN | 4274 | Metal Door and Hinges | 20E001 2540 4100 00 000000 0000 | 500.00 |
| WEBMARC WHOLESALE IN | 4275 | Surface Continuous Hinges | 20E001 2540 4100 00 000000 0000 | 572.00 |
| | | | Totals for WEBMARC WHOLESALE INC | 1,072.00 |
| WENGER CORPORATION | 863361 | Music Shells Repair | 10E011 1120 3230 00 000000 0000 | 61.64 |
| | | | Totals for WENGER CORPORATION | 61.64 |
| WILLIAMS SCOTSMAN | 9018461198 | CHS ALS Mobile and Grounds Storage Container Rental | 20E001 2540 3100 00 000000 0000 | 98.00 |
| WILLIAMS SCOTSMAN | 9018616890 | CHS ALS Mobile and Grounds Storage Container Rental | 20E001 2540 3100 00 000000 0000 | 863.43 |
| WILLIAMS SCOTSMAN | 9019062247 | CHS ALS Mobile and Grounds Storage Container Rental | 20E001 2540 3100 00 000000 0000 | 136.47 |
| WILLIAMS SCOTSMAN | 9019340487 | CHS ALS Mobile and Grounds Storage Container Rental | 20E001 2540 3100 00 000000 0000 | 136.52 |
| WILLIAMS SCOTSMAN | 9019463431 | CHS ALS Mobile and Grounds Storage Container Rental | 20E001 2540 3100 00 000000 0000 | 876.91 |
| WILLIAMS SCOTSMAN | 9019618640 | CHS ALS Mobile and Grounds Storage Container Rental | 20E001 2540 3100 00 000000 0000 | 138.56 |
| WILLIAMS SCOTSMAN | 9019728817 | CHS ALS Mobile and Grounds Storage Container Rental | 20E001 2540 3100 00 000000 0000 | 863.95 |
| | | | Totals for WILLIAMS SCOTSMAN | 3,113.84 |
| | | | Totals for checks | 3,289,119.74 |

**F U N D S U M M A R Y**

| FUND | DESCRIPTION | BALANCE SHEET | REVENUE | EXPENSE | TOTAL |
|---|---|---|---|---|---|
| 10 | EDUCATIONAL FUND | 0.00 | 0.00 | 361,465.17 | 361,465.17 |
| 20 | OPERATIONS AND MAINTENANCE | 0.00 | 0.00 | 872,800.66 | 872,800.66 |
| 30 | DEBT SERVICE, BOND & INTEREST | 0.00 | 0.00 | 1,999,155.00 | 1,999,155.00 |
| 40 | TRANSPORTATION FUND | 0.00 | 0.00 | 45,698.91 | 45,698.91 |
| 80 | TORT FUND | 0.00 | 0.00 | 10,000.00 | 10,000.00 |
| *** Fund Summary Totals *** | | 0.00 | 0.00 | 3,289,119.74 | 3,289,119.74 |

********** End of report **********

| VENDOR | INVOICE # | DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| BARI BEEF | Dec 20 | Transportation Christmas Party | 40E001 2550 4900 00 000000 0000 | 85.50 |
| | | | Totals for BARI BEEF | 85.50 |
| CHICK-FIL-A | Dec 18 | PV Days of December Teacher Celebration | 10E008 2410 4100 00 000000 0000 | 144.00 |
| | | | Totals for CHICK-FIL-A | 144.00 |
| COUNTRY DONUTS | Dec 4 | PV Coyote of the Month Breakfast | 10E008 2410 4100 00 000000 0000 | 148.82 |
| | | | Totals for COUNTRY DONUTS | 148.82 |
| JEWEL-OSCO | Dec 20 | Transportation Christmas Party | 40E001 2550 4900 00 000000 0000 | 66.97 |
| | | | Totals for JEWEL-OSCO | 66.97 |
| SECRETARY OF STATE | Bus Licens | Bus License Plate Sticker Renewals (79) | 40E001 2550 6400 00 000000 0000 | 790.00 |
| | | | Totals for SECRETARY OF STATE | 790.00 |
| TAYLOR STREET PIZZER | 123771 | B & G All Staff Meeting Holiday Luncheon 12/22/23 | 20E001 2540 4110 00 000000 0000 | 863.90 |
| | | | Totals for TAYLOR STREET PIZZERIA INC | 863.90 |
| | | | Totals for checks | 2,099.19 |

**F U N D  S U M M A R Y**

| FUND | DESCRIPTION | BALANCE SHEET | REVENUE | EXPENSE | TOTAL |
|---|---|---|---|---|---|
| 10 | EDUCATIONAL FUND | 0.00 | 0.00 | 292.82 | 292.82 |
| 20 | OPERATIONS AND MAINTENANCE | 0.00 | 0.00 | 863.90 | 863.90 |
| 40 | TRANSPORTATION FUND | 0.00 | 0.00 | 942.47 | 942.47 |
| *** Fund Summary Totals *** | | 0.00 | 0.00 | 2,099.19 | 2,099.19 |

********** End of report **********

| VENDOR | INVOICE # | DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| ACCARDI, DAVID | Dec 4 | CMS 8th Grade Boys Basketball Official 12/4/23 | 10E003 1500 3190 00 000000 0000 | 80.00 |
| | | | Totals for ACCARDI, DAVID | 80.00 |
| ALTMAN, ANNA | Nov 21 | CHS Boys Basketball EMT 11/21/23 | 10E002 1500 3190 00 000000 0000 | 100.00 |
| | | | Totals for ALTMAN, ANNA | 100.00 |
| ATKINS, NICHOLAS | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for ATKINS, NICHOLAS | 124.00 |
| BARONE, PHILIP | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for BARONE, PHILIP | 124.00 |
| BONDI, MICHAEL | Dec 8 | CHS Wrestling Official 12/8/23 | 10E002 1500 3190 00 000000 0000 | 121.00 |
| | | | Totals for BONDI, MICHAEL | 121.00 |
| CARLINI, ANTHONY IV | Nov 20 | CHS Practice EMT 11/20/23 & 11/24/23 | 10E002 1500 3190 00 000000 0000 | 240.00 |
| CARLINI, ANTHONY IV | Nov 27 | CHS Practice EMT 11/27/23 | 10E002 1500 3190 00 000000 0000 | 120.00 |
| CARLINI, ANTHONY IV | Dec 4 | CHS EMT for 12/4/23 and 12/5/23 Practice, 12/6/23 and 12/8/23 Wrestling | 10E002 1500 3190 00 000000 0000 | 480.00 |
| CARLINI, ANTHONY IV | Dec 12 | CHS Practice EMT Coverage 12/12/23 | 10E002 1500 3190 00 000000 0000 | 120.00 |
| | | | Totals for CARLINI, ANTHONY IV | 960.00 |
| CASEBOLT, JASON | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for CASEBOLT, JASON | 124.00 |
| CHELONI, JOHN | Dec 6 | CHS Girls Wrestling Official 12/6/23 | 10E002 1500 3190 00 000000 0000 | 217.00 |
| | | | Totals for CHELONI, JOHN | 217.00 |
| CHISAMORE, JAMES | Dec 15 | CHS Girls Basketball Official 12/15/23 | 10E002 1500 3190 00 000000 0000 | 79.00 |
| | | | Totals for CHISAMORE, JAMES | 79.00 |
| CLIFTON, JEREMIAH | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for CLIFTON, JEREMIAH | 124.00 |
| CUMMINGS, MICHAEL | Dec 14 | CHS Wrestling Official 12/14/23 | 10E002 1500 3190 00 000000 0000 | 121.00 |
| | | | Totals for CUMMINGS, MICHAEL | 121.00 |
| DARGATZ, KENNETH | Nov 30 | CMS 8th Grade Boys Basketball Official 11/30/23 | 10E003 1500 3190 00 000000 0000 | 80.00 |
| | | | Totals for DARGATZ, KENNETH | 80.00 |
| EHLERT, PADRAIG | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |

| VENDOR | INVOICE # | DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| | | | Totals for EHLERT, PADRAIG | 124.00 |
| ENGEN, LUCAS | Dec 4 | CMS 8th Grade Boys Basketball Official 12/4/23 | 10E003 1500 3190 00 000000 0000 | 80.00 |
| | | | Totals for ENGEN, LUCAS | 80.00 |
| FLUCK, SAMANTHA | Dec 1 | CHS Practice Athletic Trainer 12/1/23 | 10E002 1500 3190 00 000000 0000 | 150.00 |
| FLUCK, SAMANTHA | Dec 7 | CHS Athletic Trainer for 12/7/23 and 12/9/23 Practice | 10E002 1500 3190 00 000000 0000 | 350.00 |
| | | | Totals for FLUCK, SAMANTHA | 500.00 |
| GABIOUD, JAMES | Dec 8 | CHS Girls Wrestling Official 12/8/23 | 10E002 1500 3190 00 000000 0000 | 112.00 |
| | | | Totals for GABIOUD, JAMES | 112.00 |
| HAHN, PETER | Dec 2 | CHS Boys Basketball Athletic Trainer 12/2/23 | 10E002 1500 3190 00 000000 0000 | 150.00 |
| | | | Totals for HAHN, PETER | 150.00 |
| HAND, JONATHAN | Dec 14 | CHS Wrestling Official 12/14/23 | 10E002 1500 3190 00 000000 0000 | 112.00 |
| | | | Totals for HAND, JONATHAN | 112.00 |
| HERMANSON, NEAL | Dec 2 | CHS Boys Basketball Official, 2 games, 12/2/23 | 10E002 1500 3190 00 000000 0000 | 124.00 |
| | | | Totals for HERMANSON, NEAL | 124.00 |
| JOHNSON, ERIK | Dec 15 | CHS Boys Basketball Official 12/15/23 | 10E002 1500 3190 00 000000 0000 | 78.00 |
| | | | Totals for JOHNSON, ERIK | 78.00 |
| KNEIP, DENNIS | Nov 28 | PKMS 7th Grade Boys Basketball Official 11/28/23 | 10E011 1500 3190 00 000000 0000 | 80.00 |
| | | | Totals for KNEIP, DENNIS | 80.00 |
| KRICH, BRUCE | Nov 22 | CHS Boys Basketball Official, 2 games, 11/22/23 | 10E002 1500 3190 00 000000 0000 | 124.00 |
| KRICH, BRUCE | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for KRICH, BRUCE | 248.00 |
| LIVERIS, RANDY | Dec 15 | CHS Girls Basketball Official 12/15/23 | 10E002 1500 3190 00 000000 0000 | 79.00 |
| | | | Totals for LIVERIS, RANDY | 79.00 |
| LYMAN, TIMOTHY | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for LYMAN, TIMOTHY | 124.00 |
| MACDONALD, MEGAN | Nov 28 | CHS Practice EMT 11/28/23 | 10E002 1500 3190 00 000000 0000 | 120.00 |
| MACDONALD, MEGAN | Dec 13 | CHS Practice EMT Coverage 12/13/23 | 10E002 1500 3190 00 000000 0000 | 120.00 |
| | | | Totals for MACDONALD, MEGAN | 240.00 |
| MATTES, DAVID | Dec 15 | CHS Boys Basketball Official | 10E002 1500 3190 00 000000 0000 | 62.00 |

| VENDOR | INVOICE # | DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| | | 12/15/23 | | |
| MATTES, DAVID | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for MATTES, DAVID | 186.00 |
| MCQUEEN, SCOT | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for MCQUEEN, SCOT | 124.00 |
| MURREN, JASON | Dec 15 | CHS Girls Basketball Official 12/15/23 | 10E002 1500 3190 00 000000 0000 | 62.00 |
| | | | Totals for MURREN, JASON | 62.00 |
| OROS, ERIC | Dec 15 | CHS Girls Basketball Official 12/15/23 | 10E002 1500 3190 00 000000 0000 | 62.00 |
| | | | Totals for OROS, ERIC | 62.00 |
| PAGEL, PRESTON | Dec 15 | CHS Boys Basketball Official 12/15/23 | 10E002 1500 3190 00 000000 0000 | 62.00 |
| | | | Totals for PAGEL, PRESTON | 62.00 |
| PIOCH, RACHEL | Dec 15 | CHS Boys and Girls Basketball Athletic Trainer 12/15/23 | 10E002 1500 3190 00 000000 0000 | 250.00 |
| | | | Totals for PIOCH, RACHEL | 250.00 |
| PRENDERGAST, TIMOTHY | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for PRENDERGAST, TIMOTHY | 124.00 |
| PRENDERGAST, WILL | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for PRENDERGAST, WILL | 124.00 |
| REEDY, GERALD | Nov 21 | CHS Boys Basketball Official, 2 games, 11/21/23 | 10E002 1500 3190 00 000000 0000 | 124.00 |
| REEDY, GERALD | Dec 15 | CHS Boys Basketball Official 12/15/23 | 10E002 1500 3190 00 000000 0000 | 78.00 |
| | | | Totals for REEDY, GERALD | 202.00 |
| REICHEL, RACHEL | Dec 16 | CHS Girls Basketball Athletic Trainer 12/16/23 | 10E002 1500 3190 00 000000 0000 | 250.00 |
| | | | Totals for REICHEL, RACHEL | 250.00 |
| SCHULTZ, BRAD | Dec 15 | CHS Boys Basketball Official 12/15/23 | 10E002 1500 3190 00 000000 0000 | 79.00 |
| | | | Totals for SCHULTZ, BRAD | 79.00 |
| SELF, JASON | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for SELF, JASON | 124.00 |
| SHIFFER, JOSEPH | Nov 28a | PKMS 7th Grade Boys Basketball Official 11/28/23 | 10E011 1500 3190 00 000000 0000 | 80.00 |
| SHIFFER, JOSEPH | Nov 30 | CMS 8th Grade Boys Basketball Official 11/30/23 | 10E003 1500 3190 00 000000 0000 | 80.00 |
| | | | Totals for SHIFFER, JOSEPH | 160.00 |

| VENDOR | INVOICE # | DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| SOBESKI, SCOTT | Dec 15a | CHS Girls Basketball Official 12/15/23 | 10E002 1500 3190 00 000000 0000 | 79.00 |
| | | | Totals for SOBESKI, SCOTT | 79.00 |
| SUTTON, NICOLE | Nov 25 | CHS Practice EMT 11/25/23 | 10E002 1500 3190 00 000000 0000 | 160.00 |
| SUTTON, NICOLE | Dec 14 | CHS Wrestling EMT Coverage 12/14/23 | 10E002 1500 3190 00 000000 0000 | 120.00 |
| | | | Totals for SUTTON, NICOLE | 280.00 |
| TOTH, CHARLES | Dec 2 | CHS Boys Basketball Official, 2 games, 12/2/23 | 10E002 1500 3190 00 000000 0000 | 124.00 |
| | | | Totals for TOTH, CHARLES | 124.00 |
| TRIFONE, JOHN | Dec 15 | CHS Boys Basketball Official 12/15/23 | 10E002 1500 3190 00 000000 0000 | 79.00 |
| | | | Totals for TRIFONE, JOHN | 79.00 |
| VERMILLION, BLAKE | Nov 30 | CHS Wrestling Official 11/30/23 | 10E002 1500 3190 00 000000 0000 | 121.00 |
| | | | Totals for VERMILLION, BLAKE | 121.00 |
| VERMILLION, RONALD | Nov 30 | CHS Wrestling Official 11/30/23 | 10E002 1500 3190 00 000000 0000 | 121.00 |
| | | | Totals for VERMILLION, RONALD | 121.00 |
| VILLARREAL, JAVIER | Nov 21 | CHS Boys Basketball Official, 2 games, 11/21/23 | 10E002 1500 3190 00 000000 0000 | 124.00 |
| VILLARREAL, JAVIER | Dec 16a | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for VILLARREAL, JAVIER | 248.00 |
| VRUGT, ADRIAAN | Nov 22 | CHS Boys Basketball Official, 2 games, 11/22/23 | 10E002 1500 3190 00 000000 0000 | 124.00 |
| | | | Totals for VRUGT, ADRIAAN | 124.00 |
| WAYNE, LAWRENCE | Dec 15 | CHS Boys Basketball Official 12/15/23 | 10E002 1500 3190 00 000000 0000 | 79.00 |
| | | | Totals for WAYNE, LAWRENCE | 79.00 |
| WILSON, MICHAEL | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for WILSON, MICHAEL | 124.00 |
| WOLFF, STEPHANIE | Nov 30 | CHS Wrestling Athletic Trainer 11/30/23 | 10E002 1500 3190 00 000000 0000 | 220.00 |
| | | | Totals for WOLFF, STEPHANIE | 220.00 |
| ZEMAN, DAVID | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for ZEMAN, DAVID | 124.00 |
| ZIERK, MICHAEL | Dec 16 | CHS Girls Basketball Tourney Official 12/16/23, 2 Games | 10E002 1500 3900 00 000000 0000 | 124.00 |
| | | | Totals for ZIERK, MICHAEL | 124.00 |

| VENDOR | INVOICE # | DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| | | | Totals for checks | 7,961.00 |

**F U N D S U M M A R Y**

| FUND | DESCRIPTION | BALANCE SHEET | REVENUE | EXPENSE | TOTAL |
|---|---|---|---|---|---|
| 10 | EDUCATIONAL FUND | 0.00 | 0.00 | 7,961.00 | 7,961.00 |
| *** Fund Summary Totals *** | | 0.00 | 0.00 | 7,961.00 | 7,961.00 |

********** End of report **********

| FD | Description | December 2023-24 Beginning Balance | December 2023-24 Deposits | December 2023-24 Withdrawals | December 2023-24 Monthly Activity | Ending Balance |
|---|---|---|---|---|---|---|
| 97 | NKRVS CASH | 617,682.66 | 410,901.00 | 255,215.27 | 155,685.73 | 773,368.39 |
| 97 | | 617,682.66 | 410,901.00 | 255,215.27 | 155,685.73 | 773,368.39 |
| | Grand Asset Totals | 617,682.66 | 410,901.00 | 255,215.27 | 155,685.73 | 773,368.39 |

**Number of Accounts:** 1

********** End of report **********

**Northern Kane County Regional Vocational System**
**Revenues and Expenditures Report**
**December 2023**

## Revenues

| Source | Description | 2023-24 Original Budget | % of Fund | December MTD | 2023-24 FYTD | Budget Remaining | FYTD Percent |
|---|---|---|---|---|---|---|---|
| 1999-00 | Other Local Revenue | 24,250.00 | 3.58% | 9,700.00 | 9,700.00 | 14,550.00 | 0.00% |
| **Total Local Revenues** | | **24,250.00** | **3.58%** | **9,700.00** | **9,700.00** | **14,550.00** | **0.00%** |
| 3220-00 | Career & Technical Education | 1,320,526.00 | 63.88% | 401,201.00 | 1,071,434.00 | 249,092.00 | 81.14% |
| 3220-02 | CTE Educator Pathway | 45,233.00 | 2.19% | - | 20,000.00 | 25,233.00 | 44.22% |
| **Total State Revenues** | | **1,365,759.00** | **66.07%** | **401,201.00** | **1,091,434.00** | **274,325.00** | **79.91%** |
| 4745-00 | Perkins V Grant | 677,270.00 | 32.76% | - | 126,407.00 | 550,863.00 | 18.66% |
| **Total Federal Revenues** | | **677,270.00** | **32.76%** | **-** | **126,407.00** | **550,863.00** | **18.66%** |
| **Total Revenues** | | **2,067,279.00** | **102.41%** | **410,901.00** | **1,227,541.00** | **839,738.00** | **59.38%** |

## Expenditures

| Object | Description | 2023-24 Original Budget | % of Fund | December MTD | 2023-24 FYTD | Encumbered Amount | Budget Remaining | FYTD Percent |
|---|---|---|---|---|---|---|---|---|
| 1000 | Salaries | 225,967.00 | 10.91% | 14,472.84 | 88,060.20 | - | 137,906.80 | 38.97% |
| 2000 | Benefits | 72,484.00 | 3.50% | 3,696.21 | 20,755.25 | - | 51,728.75 | 28.63% |
| 3000 | Purchased Services | 80,900.00 | 3.91% | 3,217.90 | 38,291.12 | 4,040.00 | 38,568.88 | 52.33% |
| 4000 | Supplies | 10,651.00 | 0.51% | - | 6,206.60 | - | 4,444.40 | 58.27% |
| 6000 | Other/Dues/Fees | 1,680,927.00 | 81.17% | 233,828.32 | 729,037.08 | - | 951,889.92 | 43.37% |
| **Total Expenditures** | | **2,070,929.00** | **100.00%** | **255,215.27** | **882,350.25** | **4,040.00** | **1,184,538.75** | **42.80%** |

| VENDOR | INVOICE # | INVOICE DESCRIPTION | ACCOUNT NUMBER | AMOUNT |
|---|---|---|---|---|
| ACTE | May 1 | ACTE Conference, Pre Conference Tours T. Stroh, T. Stirn | 97E110 2210 3100 00 322000 | 900.00 |
| | | | Totals for ACTE | 900.00 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2120 1100 00 474500 | 4,139.17 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2120 2100 00 474500 | 1,217.52 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2210 1100 00 474500 | 1,631.92 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2210 2100 00 474500 | 392.75 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2330 1100 00 474500 | 12.08 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2620 2100 00 474500 | 101.92 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2620 1100 00 474500 | 437.50 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2120 1100 00 322000 | 4,139.17 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2120 2100 00 322000 | 1,217.52 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2210 1100 00 322000 | 1,631.92 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2210 2100 00 322000 | 302.50 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2330 1100 00 322000 | 1,958.75 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2330 2100 00 322000 | 367.50 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2620 1100 00 322000 | 522.33 |
| CENTRAL COMMUNITY USD 301 | Dec 2023 | NK reimb payroll and benefits-December 2023 | 97E110 2620 2100 00 322000 | 96.50 |
| | | | Totals for CENTRAL COMMUNITY USD 301 | 18,169.05 |
| COMMUNITY UNIT SCHOOL DIST 300 | Nov FY24 CTE | FY24 CTE November | 97E110 4140 6400 02 322000 | 15,052.00 |
| COMMUNITY UNIT SCHOOL DIST 300 | Dec FY24 CTE | FY24 CTE December | 97E110 4140 6400 02 322000 | 28,521.00 |
| COMMUNITY UNIT SCHOOL DIST 300 | Nov FY24 Perkins | FY24 Perkins November | 97E110 4140 6400 02 474500 | 6,249.00 |
| COMMUNITY UNIT SCHOOL DIST 300 | Dec FY24 Perkins | FY24 Perkins December | 97E110 4140 6400 02 474500 | 19,404.00 |
| COMMUNITY UNIT SCHOOL DIST 300 | FY24 EduPath | FY24 Educator Pathway | 97E110 2120 1100 02 322000 | 3,250.00 |
| COMMUNITY UNIT SCHOOL DIST 300 | FY24 EduPath | FY24 Educator Pathway | 97E110 2120 2100 02 322000 | 87.76 |
| | | | Totals for COMMUNITY UNIT SCHOOL DIST 30 | 72,563.76 |
| COMMUNITY UNIT SCHOOL DIST 303 | Dec FY24 CTE | FY24 CTE December | 97E110 4140 6400 04 322000 | 16,613.14 |
| COMMUNITY UNIT SCHOOL DIST 303 | Dec FY24 Perkins | FY24 Perkins December | 97E110 4140 6400 04 474500 | 1,232.96 |
| | | | Totals for COMMUNITY UNIT SCHOOL DIST 30 | 17,846.10 |
| SCHOOL DISTRICT U-46 | Nov FY24 CTE | FY24 CTE November | 97E110 4140 6400 01 322000 | 85,056.87 |
| SCHOOL DISTRICT U-46 | Nov FY24 Perkins | FY24 Perkins November | 97E110 4140 6400 01 474500 | 119,646.00 |
| | | | Totals for SCHOOL DISTRICT U-46 | 204,702.87 |
| | | | Totals for checks | 314,181.78 |

**F U N D S U M M A R Y**

| FUND | DESCRIPTION | BALANCE SHEET | REVENUE | EXPENSE | TOTAL |
|---|---|---|---|---|---|
| 97 | NORTHERN KANE REG VOC SYSTEM | 0.00 | 0.00 | 314,181.78 | 314,181.78 |
| *** Fund Summary Totals *** | | 0.00 | 0.00 | 314,181.78 | 314,181.78 |

********** End of report **********

CENTRAL
UNIT SCHOOL DISTRICT 301

**CCUSD #301 Personnel Report**
**January 16, 2024**

**New Hire – Certified**

| Name | School | Position |
|---|---|---|
| Stewart, Jennah | CMS/CHS | PT (.67333 FTE) Art Teacher |

**New Hire – Non-Certified**

| Name | School | Position |
|---|---|---|
| Alitovski, Ayten | CHS | Cook (6.5 hrs) |
| Fincher, Angela | Transportation | Bus Driver |

**Voluntary Transfer – Non-Certified**

| Name | School | Position | Effective Date |
|---|---|---|---|
| Aguirre, Kim | CHS | Cook (6.75 hrs) | 1/8/2024 |

**Retirement – Certified**

| Name | School | Position | Effective Date |
|---|---|---|---|
| Burner, David | CHS/CMS | CTE Teacher | End of 2027-2028 School Year |

**Leave of Absence – Certified**

| Name | School | Position | Effective Date |
|---|---|---|---|
| Brannstrom, David | DO | Instructional Coach | 12/15/2023 for six weeks |
| Cipriano, Angela | PKMS | Social Studies Teacher | 4/4/2024 to EOY |
| Piehl, Alex | CHS | Math Teacher | 12/21/2023 to 12/31/2023 |

**Leave of Absence – Non-Certified**

| Name | School | Position | Effective Date |
|---|---|---|---|
| Boga, Bienvenida | Transportation | Bus Driver | 1/8/2024 to 1/30/2024 |
| Jaswani, Jahanvi | PV | Paraprofessional | 1/12/2024 to 1/19/2024 |
| Paskiewicz, Janice | CHS | Accompanist | 11/27/2023 to EOY |
| Price, Curtis | CHS | Asst Athletics/Activities Dir | 12/18/2023 to 1/31/2024 |
| Rohs, Sally | CHS | Cook | 1/8/2024 to 2/20/2024 |

CENTRAL
UNIT SCHOOL DISTRICT 301

# MEMORANDUM

FROM: Stephen Buchs, Director of Curriculum 9-12 and College Partnerships

TO: Board of Education & Dr. Esther Mongan, Superintendent

CC: Patrick Podgorski, Amber Ballard, Donna Gibbons, Ryan Robinson, Ryan Dalen, Kelly Greene

DATE: January 15, 2024

RE: Veterinarian Affiliation Agreements

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As part of the National Association of Veterinary Technicians in America (NAVTA) program requirements for students to obtain their Veterinarian Assistant certificate students are required to complete 100 hours of externships. We are currently working with many different animal clinics to seek partnerships for these opportunities for our students. This agreement ensures that students receive practical experiences that meet educational standards, and ensure an appropriate learning environment away from the students' school that matches the career focus. I am seeking approval for the following sites for the SY23-24:

Kendall Road Equine Hospital
Gilberts Animal Clinic (Red Barn Animal Hospital)

# Standard Affiliation Agreement

Dear Gilberts Animal Clinic (Red Barn Animal Hospital)

Thank you for allowing our students to complete their required externship hours at your facility.

Prior to our students beginning their externship visits at your facility, we will need this Affiliation Agreement completed. Please review this Affiliation Agreement document and place an electronic signature in the designated area. Once all required signatures are obtained, an electronic copy of this document will be shared with you for your records.

Please reach out with any questions or concerns you have regarding this document.

Thank you,

Amber Ballard, CVT
Program Coordinator
Phone: 847-464-6030
amber.ballard@central301.net

Dr. Todd Stirn
Work Based Learning Specialist II
Phone: 224-990-7093
efe.stirn@central301.net

**AFFILIATION AGREEMENT**
**BETWEEN**
**Northern Kane County Region 110**
**AND**
Gilberts Animal Clinic (Red Barn Animal Hospital)
**for Student Veterinary Assistant Externship Experience**

**THIS AGREEMENT** ("**Agreement**") is entered into this 21 Day, of Dec 2023, by and between Gilberts Animal Clinic (Red Barn Animal Hospital) ("**Facility**"), the Board of Education of Central Community Unit School District No. 301 ("**District**"), and Northern Kane Region 100 (collectively the "**Parties**").

**WHEREAS**, the District desires to utilize Gilberts Animal Clinic (Red Barn Animal Hospital) facility at 20 N. Center Drive, Gilberts, IL 60136 for the purpose of providing veterinary assistant practical learning and clinical experiences (see Exhibit A for program-specific requirements) to the high school students of the District and the high school students of the other school districts in Northern Kane Region 110 (an intergovernmental agreement between Community Unit School District 300, Community Unit School District 301, Community Unit School District 303, and Unit School District U-46); and

**WHEREAS**, the Facility desires to provide such practical learning and clinical experiences to students, both as a community service and as ongoing education for its own staff.

**NOW, THEREFORE**, it is understood and agreed upon by the parties hereto as follows:

**A. SCHOOL RESPONSIBILITIES:**

1. **Provision of foundational curriculum to students**. The District shall have the total responsibility for planning and determining the adequacy of the educational experience of students in theoretical background, basic skill, professional ethics, attitude and behavior, and will assign to the Facility only those students who have satisfactorily completed the prerequisite didactic portion of the District's curriculum.

2. **Liability insurance**. The Facility and each participating school district shall provide its own General Liability insurance, including but not limited to property loss and damage claims, claims for bodily injury or death, and other civil actions, claims or suits, including the defenses thereof, which may be made against the insured party. No provision of insurance or self-insurance by the District, Northern Kane County Region 110, or other participating school district shall modify, amend, or in any other way remove the immunities of public employees and local governmental entities granted in the *Local Governmental and Governmental Employees Tort Immunity Act*, 745 ILCS 10/1 et seq.

3. **Designation of liaison to Facility; communications relating to clinical placements**. The District and/or Northern Kane County Region 110 will designate a faculty or other professional staff member to coordinate and act as its liaison to the Facility. The assignments to be undertaken by the students participating in the educational program

will be mutually arranged and a regular exchange of information will be maintained by on-site visits when practical and by letter, email or telephone in other instances.

The District shall notify the Facility in writing of any change or proposed change of the person(s) responsible for coordinating clinical placements with the Facility.

4. **School notices to students**. The District shall notify each student prior to his or her arrival at the Facility that he/she is required to:

(a) Follow the administrative policies, standards, and practices of the Facility.

(b) Obtain medical care at his or her own expense for any injuries or illnesses sustained as a direct or indirect result of his/her affiliation with the Facility.

(c) Provide his/her own transportation.

(d) Report to the Facility on time and follow all established regulations during the regularly scheduled operating hours of the Facility.

(e) Conform to the standards and practices established by the District while functioning at the Facility.

(f) Obtain prior written approval of the Facility and the District before publishing any material relating to the clinical learning experience.

(g) Meet the personal, ethical, and professional standards required of employees of the Facility and that are consistent with the applicable professional Code of Ethics and the applicable standards of relevant accrediting or regulatory bodies.

(h) Notify his or her home school district of any medical conditions which may affect participation at the Facility.

**B. FACILITY RESPONSIBILITIES:**

1. **Provision of facilities for supervised experiences**. Subject to the provisions of Section C.2 of this Agreement, the Facility agrees to make the appropriate facilities available to the District in order for the District to provide supervised clinical experiences to students. Such facilities shall include a safe working environment conducive to the learning process of the students as intended by the terms of this Agreement and conforming to customary Facility procedures. Students shall be supervised by qualified Facility staff at all times.

2. **Facility rules applicable to students during clinical assignments**. Students are to remain subject to the authority, policies, and regulations imposed by the District and, during periods of clinical assignment, students will be subject to all rules and regulations of the Facility and imposed by the Facility on its employees and agents with regard to

following the administrative policies, standards, and practices of the Facility. The Facility must notify the District in advance of any specific requirements for the Facility, such as dress code, uniforms, or other workplace rules.

3. **Emergency treatment of students**. In case of emergency at a non-hospital site, standard procedure will be followed. The District may provide the Facility with specific protocols to be followed for emergency treatment of an individual student, if necessary. The Facility shall immediately notify the District liaison of any student injury or other emergency involving students. It is the student's responsibility to bear the cost of the emergency treatment.

4. **Designation of liaison to the District; communications relating to placements**. The Facility shall designate a liaison responsible for coordinating the placements. That person shall maintain contact with the District's designated liaison person to assure mutual participation in and surveillance of the program. The Facility shall notify the District in writing of any change or proposed change of the person(s) responsible for coordinating the placements.

5. **School Tour of Facility**. The Facility shall, on reasonable request, permit a tour of its clinical facilities and services available and other items pertaining to clinical learning experiences, by representatives of the District and agencies charged with responsibility for approval of the facilities or accreditation of the curriculum.

6. **Provision of Relevant Facility policies**. The Facility shall provide the student(s) and the District the Facility's administrative policies, standards, and practices with which the students must comply relevant to the placement.

7. **Facility Transportation and Use of Mobile Units**. The Facility must obtain advance written permission from the District for transportation of students by the Facility or it staff or for student participation in any mobile veterinary unit. Such permission must be signed by the Facility staff member, a District representative, the student, and the student's parent or guardian. At no time will one student be alone with any one Facility employee.

8. **FERPA Compliance**. The Facility shall comply with the applicable provisions of the *Family Educational Rights and Privacy Act of 1974*, 20 USC 1232 (g), otherwise known as FERPA or the Buckley Amendment, as well as the *Illinois School Student Records Act*, 105 ILCS 10/1 et seq., and shall take all measures necessary to ensure the confidentiality of any and all information in its possession regarding the District's students who train at the Facility pursuant to this agreement. The Facility shall have access to student record information (records which alone, or with other records, personally identify a student) only to the extent necessary for student participation in the program. The Facility will maintain such records as confidential records and shall not disclose them to third parties except pursuant to court order, in the case of an emergency, or with consent of the District or student and parent/guardian. At the conclusion of a student's participation in the program, the Facility shall return all student records in its

possession to the District or, at the District's request, directly to the student's home school district if other than the District.

**C. OTHER RESPONSIBILITIES:**

1. **Compliance with client/patient privacy laws**. The District agrees to abide by and require that its participating faculty and students abide by all applicable state and federal laws, rules and regulations regarding client/patient privacy, including but not limited to, laws relating to consumer financial information. Students shall be required to comply with the Facility's policies and procedures regarding the confidentiality of client/patient information and the use of all such information. The Facility will notify the District and students of the foregoing laws and policies applicable to the Facility program. The Parties shall notify one another if there are known breaches of this confidentiality.

The District will advise students that dissemination or public posting of any client/patient information through social media or other means will be prohibited.

2. **Determination of instructional period**. The course of instruction will cover a period of time as arranged between the District and the Facility. The starting clinical date will begin on July 1st, 2023 with the last clinical on August 31st, 2024 .

3. **Determination of number of participating students**. The number of students eligible to participate in the clinical placement will be determined, and may be changed, by mutual agreement of the Parties. For certain clinical programs, IDPH regulations may limit the maximum number of students per sessions. Notwithstanding the foregoing, the Facility and the District agree and understand that the availability of clinical placements at the Facility during the term of this Agreement may periodically be affected by a variety of factors. In such event, the Facility may reduce the number of students eligible to participate in the clinical education program with prior notice to the District and adequate time for the District to reassign the student(s) to another clinical site. The Facility agrees further to accommodate students of the District who are similarly displaced from other clinical affiliates of the District to the extent that clinical space is available at the Facility.

4. **Evaluation of students' experiences**. Evaluation of the clinical learning experiences of the students will be accomplished jointly by the appropriate school district staff. The Parties agree that a clinical supervisor must be present throughout the entire time the students are present. Each student must be paired with a Facility staff member and supervised at all times. These Facility staff members will complete evaluations of the student she or he supervises, including but not limited to, evaluating the student's professionalism and personal attributes related to performance of outline skills. Specifically, the supervising Certified Veterinary Technician or Licensed Veterinarian must sign off on all performed skills listed on the Evaluation Form attached to this Agreement as Exhibit A. The Facility staff and the District's externship coordinator will communicate on a regular basis for the purpose of reviewing and evaluating current clinical experiences offered to students.

5. **Removal of students**.

(a) The District has the right to remove a student from a clinical education program. The District shall notify the Facility of such removal in writing.

(b) The Facility may immediately remove any student participating in a clinical education program from the Facility's premises for behavior that the Facility deems to be an immediate threat to the health or welfare of its clients/patients, staff members, visitors, or operations. In such an event, the Facility shall notify the relevant District staff member in writing of its actions and the reasons for its actions as soon as practicable. If the Facility desires to remove a student for any other reason, it shall notify the relevant District staff member in writing of the reasons for the removal and shall consult with that individual before removing the student.

**D. TERM OF AGREEMENT:**

The term of this Agreement shall be for one (1) year, to commence on 1st Day of July, 2023 . Either party may terminate this Agreement at any time, with or without cause, upon ninety (90) days prior written notice to the other party. In the event that this Agreement is not renewed for a subsequent term, students who are participating in the clinical learning experiences at the time of termination shall be allowed to complete such assignment under the terms and conditions herein set forth.

**E. ADDITIONAL TERMS:**

1. **Stipulations as to liability**. Subject to applicable state law, neither party to this Agreement shall be legally liable for the consequences, whether bodily injury or property damage, occasioned by an act, omission, or neglect chargeable to the other party. Where Worker's Compensation or other obligation for payment of benefits may arise, this Agreement shall neither enlarge nor diminish such obligation.

2. **Criminal Background Screening**: Facility staff who come to the District schools to work with students will need to comply with the District's onsite security protocols, including sex offender and criminal background screening.

3. **Assignment of Agreement**. This Agreement may not be assigned without the prior written consent of the other party, which will not be unreasonably withheld.

4. **Entire Agreement**. This Agreement supersedes any and all other agreements, either oral or written, between the parties hereto with respect to the subject matter hereof. No changes or modifications of this Agreement shall be valid unless the same are in writing and signed by the parties. No waiver of any provisions of this Agreement shall be valid unless in writing and signed by the parties.

5. **Severability**. If any provision of this Agreement or the application thereof to any person or situation shall, to any extent, be held invalid or unenforceable, the remainder of this Agreement, and the application of such provision to persons or situations other than those to which it shall have been held invalid or unenforceable, shall not be affected thereby, but shall continue valid and enforceable to the fullest extent permitted by law.

6. **Employment Status**. No assigned student or District faculty member under this Agreement shall in any way be considered an employee or agent of the Facility nor shall any such student or faculty member be entitled to any compensation, fringe benefits, Worker's Compensation, disability benefits, or other rights normally afforded to employees of the Facility. The students shall not at any time during their clinical placement replace or substitute for any employee at the Facility or perform any of the duties normally performed by an employee of the Facility, except as such duties are part of the students' training or learning experience. Upon the completion of the clinical placement, the Facility may offer students employment with the Facility.

7. **Notice to Parties**. Any notice, demand, or request required or permitted to be given under the provisions of this Agreement shall be in writing and shall be deemed to have been duly given under the earlier of (a) the date actually received by the party in question, by whatever means and however addressed, or (b) the date sent by facsimile (receipt confirmed), or on the date of personal delivery, if delivered by hand, or on the date signed for if sent by an overnight delivery service, to the following addresses, or to such other address as either party may request, in the case of the District, by notifying the Facility, and in the case of the Facility, by notifying the District, or to such other addresses as the parties may specify in writing from time to time:

If to the Facility:
Gilberts Animal Clinic
Red Barn Animal Hospital
20 N. Center Drive
Gilberts, IL 60136

If to the District:
**275 South Street**
**Burlington IL, 60109**
**Program in Career and Technical Education**
**Attention: Career and Technical Education Department**
**Facsimile**: **(847)464-6021**

8. **Governing Law**. This Agreement shall be construed and enforced in accordance with the laws of the State of Illinois, without regard to the conflict of laws provisions thereof.

9. **Counterparts**. This Agreement may be executed in one or more counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same instrument.

10. **No Third-Party Beneficiaries**. This Agreement shall inure exclusively to the benefit of and be binding upon the parties hereto and their respective successors, assigns, executors and legal representatives. Nothing in this Agreement, expressed or implied, is intended to confer on any person other than the parties hereto or their respective successors and assigns any rights, remedies, obligations or liabilities under or by reason of this Agreement.

11**. Agreement binding on parties successors and assigns**. This Agreement shall be binding upon the District and the Facility, their successors, employees, agents and assigns, during the initial term of this Agreement and any extensions thereof.

12. **Captions for reference only**. The captions contained in this Agreement are for convenience of reference only and do not define, describe, or limit the scope or intent of this Agreement or any of its provisions.

**IN WITNESS WHEREOF**, the parties have caused this Agreement to be executed in their respective corporate names by duly authorized officers, all on the day and year first set forth above.

For and on behalf of:

**Veterinary Facility:**
Gilberts Animal Clinic (Red Barn Animal Hospital)

**Signature**: Diana Stoll

Printed Name: Diana Stoll

Title: Practice Manager

Date: January 7, 2024

**Board of Education,**
**Central Community Unit School District 301**

**Signature**: _____

Printed Name: _____

Title: _____

Date: _____

**Northern Kane Region 110**
**By Its Administrative District**
District __CUSD 301_____

**Signature**: _____

Printed Name: _____

Title: _____

Date: _____

1199751.1

**EXHIBIT A**
STUDENT EVALUATION FORM

[TO BE ATTACHED]

# Standard Affiliation Agreement

Dear Kendall Road Equine Hospital

Thank you for allowing our students to complete their required externship hours at your facility.

Prior to our students beginning their externship visits at your facility, we will need this Affiliation Agreement completed. Please review this Affiliation Agreement document and place an electronic signature in the designated area. Once all required signatures are obtained, an electronic copy of this document will be shared with you for your records.

Please reach out with any questions or concerns you have regarding this document.

Thank you,

Amber Ballard, CVT
Program Coordinator
Phone: 847-464-6030
amber.ballard@central301.net

Dr. Todd Stirn
Work Based Learning Specialist II
Phone: 224-990-7093
efe.stirn@central301.net

**AFFILIATION AGREEMENT**
**BETWEEN**
**Northern Kane County Region 110**
**AND**
Kendall Road Equine Hospital
**for Student Veterinary Assistant Externship Experience**

**THIS AGREEMENT** ("**Agreement**") is entered into this 21 Day, of Dec 2023, by and between Kendall Road Equine Hospital ("**Facility**"), the Board of Education of Central Community Unit School District No. 301 ("**District**"), and Northern Kane Region 100 (collectively the "**Parties**").

**WHEREAS**, the District desires to utilize Kendall Road Equine Hospital facility at 10N051 Kendall Rd, Elgin, IL 60124 for the purpose of providing veterinary assistant practical learning and clinical experiences (see Exhibit A for program-specific requirements) to the high school students of the District and the high school students of the other school districts in Northern Kane Region 110 (an intergovernmental agreement between Community Unit School District 300, Community Unit School District 301, Community Unit School District 303, and Unit School District U-46); and

**WHEREAS**, the Facility desires to provide such practical learning and clinical experiences to students, both as a community service and as ongoing education for its own staff.

**NOW, THEREFORE**, it is understood and agreed upon by the parties hereto as follows:

**A. SCHOOL RESPONSIBILITIES:**

1. **Provision of foundational curriculum to students**. The District shall have the total responsibility for planning and determining the adequacy of the educational experience of students in theoretical background, basic skill, professional ethics, attitude and behavior, and will assign to the Facility only those students who have satisfactorily completed the prerequisite didactic portion of the District's curriculum.

2. **Liability insurance**. The Facility and each participating school district shall provide its own General Liability insurance, including but not limited to property loss and damage claims, claims for bodily injury or death, and other civil actions, claims or suits, including the defenses thereof, which may be made against the insured party. No provision of insurance or self-insurance by the District, Northern Kane County Region 110, or other participating school district shall modify, amend, or in any other way remove the immunities of public employees and local governmental entities granted in the *Local Governmental and Governmental Employees Tort Immunity Act*, 745 ILCS 10/1 et seq.

3. **Designation of liaison to Facility; communications relating to clinical placements**. The District and/or Northern Kane County Region 110 will designate a faculty or other professional staff member to coordinate and act as its liaison to the Facility. The assignments to be undertaken by the students participating in the educational program

will be mutually arranged and a regular exchange of information will be maintained by on-site visits when practical and by letter, email or telephone in other instances.

The District shall notify the Facility in writing of any change or proposed change of the person(s) responsible for coordinating clinical placements with the Facility.

4. **School notices to students**. The District shall notify each student prior to his or her arrival at the Facility that he/she is required to:

(a) Follow the administrative policies, standards, and practices of the Facility.

(b) Obtain medical care at his or her own expense for any injuries or illnesses sustained as a direct or indirect result of his/her affiliation with the Facility.

(c) Provide his/her own transportation.

(d) Report to the Facility on time and follow all established regulations during the regularly scheduled operating hours of the Facility.

(e) Conform to the standards and practices established by the District while functioning at the Facility.

(f) Obtain prior written approval of the Facility and the District before publishing any material relating to the clinical learning experience.

(g) Meet the personal, ethical, and professional standards required of employees of the Facility and that are consistent with the applicable professional Code of Ethics and the applicable standards of relevant accrediting or regulatory bodies.

(h) Notify his or her home school district of any medical conditions which may affect participation at the Facility.

**B. FACILITY RESPONSIBILITIES:**

1. **Provision of facilities for supervised experiences**. Subject to the provisions of Section C.2 of this Agreement, the Facility agrees to make the appropriate facilities available to the District in order for the District to provide supervised clinical experiences to students. Such facilities shall include a safe working environment conducive to the learning process of the students as intended by the terms of this Agreement and conforming to customary Facility procedures. Students shall be supervised by qualified Facility staff at all times.

2. **Facility rules applicable to students during clinical assignments**. Students are to remain subject to the authority, policies, and regulations imposed by the District and, during periods of clinical assignment, students will be subject to all rules and regulations of the Facility and imposed by the Facility on its employees and agents with regard to

following the administrative policies, standards, and practices of the Facility. The Facility must notify the District in advance of any specific requirements for the Facility, such as dress code, uniforms, or other workplace rules.

3. **Emergency treatment of students**. In case of emergency at a non-hospital site, standard procedure will be followed. The District may provide the Facility with specific protocols to be followed for emergency treatment of an individual student, if necessary. The Facility shall immediately notify the District liaison of any student injury or other emergency involving students. It is the student's responsibility to bear the cost of the emergency treatment.

4. **Designation of liaison to the District; communications relating to placements**. The Facility shall designate a liaison responsible for coordinating the placements. That person shall maintain contact with the District's designated liaison person to assure mutual participation in and surveillance of the program. The Facility shall notify the District in writing of any change or proposed change of the person(s) responsible for coordinating the placements.

5. **School Tour of Facility**. The Facility shall, on reasonable request, permit a tour of its clinical facilities and services available and other items pertaining to clinical learning experiences, by representatives of the District and agencies charged with responsibility for approval of the facilities or accreditation of the curriculum.

6. **Provision of Relevant Facility policies**. The Facility shall provide the student(s) and the District the Facility's administrative policies, standards, and practices with which the students must comply relevant to the placement.

7. **Facility Transportation and Use of Mobile Units**. The Facility must obtain advance written permission from the District for transportation of students by the Facility or it staff or for student participation in any mobile veterinary unit. Such permission must be signed by the Facility staff member, a District representative, the student, and the student's parent or guardian. At no time will one student be alone with any one Facility employee.

8. **FERPA Compliance**. The Facility shall comply with the applicable provisions of the *Family Educational Rights and Privacy Act of 1974*, 20 USC 1232 (g), otherwise known as FERPA or the Buckley Amendment, as well as the *Illinois School Student Records Act*, 105 ILCS 10/1 et seq., and shall take all measures necessary to ensure the confidentiality of any and all information in its possession regarding the District's students who train at the Facility pursuant to this agreement. The Facility shall have access to student record information (records which alone, or with other records, personally identify a student) only to the extent necessary for student participation in the program. The Facility will maintain such records as confidential records and shall not disclose them to third parties except pursuant to court order, in the case of an emergency, or with consent of the District or student and parent/guardian. At the conclusion of a student's participation in the program, the Facility shall return all student records in its

possession to the District or, at the District's request, directly to the student's home school district if other than the District.

**C. OTHER RESPONSIBILITIES:**

1. **Compliance with client/patient privacy laws**. The District agrees to abide by and require that its participating faculty and students abide by all applicable state and federal laws, rules and regulations regarding client/patient privacy, including but not limited to, laws relating to consumer financial information. Students shall be required to comply with the Facility's policies and procedures regarding the confidentiality of client/patient information and the use of all such information. The Facility will notify the District and students of the foregoing laws and policies applicable to the Facility program. The Parties shall notify one another if there are known breaches of this confidentiality.

The District will advise students that dissemination or public posting of any client/patient information through social media or other means will be prohibited.

2. **Determination of instructional period**. The course of instruction will cover a period of time as arranged between the District and the Facility. The starting clinical date will begin on July 1st, 2023 with the last clinical on August 31st, 2024 .

3. **Determination of number of participating students**. The number of students eligible to participate in the clinical placement will be determined, and may be changed, by mutual agreement of the Parties. For certain clinical programs, IDPH regulations may limit the maximum number of students per sessions. Notwithstanding the foregoing, the Facility and the District agree and understand that the availability of clinical placements at the Facility during the term of this Agreement may periodically be affected by a variety of factors. In such event, the Facility may reduce the number of students eligible to participate in the clinical education program with prior notice to the District and adequate time for the District to reassign the student(s) to another clinical site. The Facility agrees further to accommodate students of the District who are similarly displaced from other clinical affiliates of the District to the extent that clinical space is available at the Facility.

4. **Evaluation of students' experiences**. Evaluation of the clinical learning experiences of the students will be accomplished jointly by the appropriate school district staff. The Parties agree that a clinical supervisor must be present throughout the entire time the students are present. Each student must be paired with a Facility staff member and supervised at all times. These Facility staff members will complete evaluations of the student she or he supervises, including but not limited to, evaluating the student's professionalism and personal attributes related to performance of outline skills. Specifically, the supervising Certified Veterinary Technician or Licensed Veterinarian must sign off on all performed skills listed on the Evaluation Form attached to this Agreement as Exhibit A. The Facility staff and the District's externship coordinator will communicate on a regular basis for the purpose of reviewing and evaluating current clinical experiences offered to students.

5. **Removal of students**.

(a) The District has the right to remove a student from a clinical education program. The District shall notify the Facility of such removal in writing.

(b) The Facility may immediately remove any student participating in a clinical education program from the Facility's premises for behavior that the Facility deems to be an immediate threat to the health or welfare of its clients/patients, staff members, visitors, or operations. In such an event, the Facility shall notify the relevant District staff member in writing of its actions and the reasons for its actions as soon as practicable. If the Facility desires to remove a student for any other reason, it shall notify the relevant District staff member in writing of the reasons for the removal and shall consult with that individual before removing the student.

**D. TERM OF AGREEMENT:**

The term of this Agreement shall be for one (1) year, to commence on 1st Day of July, 2023 . Either party may terminate this Agreement at any time, with or without cause, upon ninety (90) days prior written notice to the other party. In the event that this Agreement is not renewed for a subsequent term, students who are participating in the clinical learning experiences at the time of termination shall be allowed to complete such assignment under the terms and conditions herein set forth.

**E. ADDITIONAL TERMS:**

1. **Stipulations as to liability**. Subject to applicable state law, neither party to this Agreement shall be legally liable for the consequences, whether bodily injury or property damage, occasioned by an act, omission, or neglect chargeable to the other party. Where Worker's Compensation or other obligation for payment of benefits may arise, this Agreement shall neither enlarge nor diminish such obligation.

2. **Criminal Background Screening**: Facility staff who come to the District schools to work with students will need to comply with the District's onsite security protocols, including sex offender and criminal background screening.

3. **Assignment of Agreement**. This Agreement may not be assigned without the prior written consent of the other party, which will not be unreasonably withheld.

4. **Entire Agreement**. This Agreement supersedes any and all other agreements, either oral or written, between the parties hereto with respect to the subject matter hereof. No changes or modifications of this Agreement shall be valid unless the same are in writing and signed by the parties. No waiver of any provisions of this Agreement shall be valid unless in writing and signed by the parties.

5. **Severability**. If any provision of this Agreement or the application thereof to any person or situation shall, to any extent, be held invalid or unenforceable, the remainder of this Agreement, and the application of such provision to persons or situations other than those to which it shall have been held invalid or unenforceable, shall not be affected thereby, but shall continue valid and enforceable to the fullest extent permitted by law.

6. **Employment Status**. No assigned student or District faculty member under this Agreement shall in any way be considered an employee or agent of the Facility nor shall any such student or faculty member be entitled to any compensation, fringe benefits, Worker's Compensation, disability benefits, or other rights normally afforded to employees of the Facility. The students shall not at any time during their clinical placement replace or substitute for any employee at the Facility or perform any of the duties normally performed by an employee of the Facility, except as such duties are part of the students' training or learning experience. Upon the completion of the clinical placement, the Facility may offer students employment with the Facility.

7. **Notice to Parties**. Any notice, demand, or request required or permitted to be given under the provisions of this Agreement shall be in writing and shall be deemed to have been duly given under the earlier of (a) the date actually received by the party in question, by whatever means and however addressed, or (b) the date sent by facsimile (receipt confirmed), or on the date of personal delivery, if delivered by hand, or on the date signed for if sent by an overnight delivery service, to the following addresses, or to such other address as either party may request, in the case of the District, by notifying the Facility, and in the case of the Facility, by notifying the District, or to such other addresses as the parties may specify in writing from time to time:

If to the Facility:
Kendall Road Equine Hospital
10N051 Kendall Road
Elgin, IL 60124

If to the District:
**275 South Street**
**Burlington IL, 60109**
**Program in Career and Technical Education**
**Attention: Career and Technical Education Department**
**Facsimile**: **(847)464-6021**

8. **Governing Law**. This Agreement shall be construed and enforced in accordance with the laws of the State of Illinois, without regard to the conflict of laws provisions thereof.

9. **Counterparts**. This Agreement may be executed in one or more counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same instrument.

10. **No Third-Party Beneficiaries**. This Agreement shall inure exclusively to the benefit of and be binding upon the parties hereto and their respective successors, assigns, executors and legal representatives. Nothing in this Agreement, expressed or implied, is intended to confer on any person other than the parties hereto or their respective successors and assigns any rights, remedies, obligations or liabilities under or by reason of this Agreement.

11**. Agreement binding on parties successors and assigns**. This Agreement shall be binding upon the District and the Facility, their successors, employees, agents and assigns, during the initial term of this Agreement and any extensions thereof.

12. **Captions for reference only**. The captions contained in this Agreement are for convenience of reference only and do not define, describe, or limit the scope or intent of this Agreement or any of its provisions.

**IN WITNESS WHEREOF**, the parties have caused this Agreement to be executed in their respective corporate names by duly authorized officers, all on the day and year first set forth above.

For and on behalf of:

**Veterinary Facility:**
Kendall Road Equine Hospital

**Signature**: John Vacek DVM

Printed Name: John Vacek DVM

Title: Veterinarian/Owner

Date: 12/26/2024

**Board of Education,**
**Central Community Unit School District 301**

**Signature**: _____

Printed Name: _____

Title: _____

Date: _____

**Northern Kane Region 110**
**By Its Administrative District**
District __CUSD 301_____

**Signature**: _____

Printed Name: _____

Title: _____

Date: _____

1199751.1

**EXHIBIT A**
STUDENT EVALUATION FORM

[TO BE ATTACHED]

CENTRAL
UNIT SCHOOL DISTRICT 301

# MEMORANDUM

FROM: Ted Juske, Athletic/Activities Director

TO: District 301 Board of Education

DATE: January 8th, 2024

RE: IHSA Cheer Sectional

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This year our IHSA Sectional Assignment for Cheerleading has our high school going to Knoxville, Illinois which is a bit under three hours away. This is unique and does not happen every year. Sycamore and Kaneland are in the same boat. Due to the distance, we are asking for our cheerleaders and coaches to be able to leave Friday, January 26th so they can have the best possible opportunity to compete and hopefully advance to IHSA state. The athletic office will work with the Cheerleading program to cover the cost of the hotels for the evening as they will return on Saturday, January 27th. Below is a tentative schedule as we await a final time frame from the IHSA.

**Central High School Varsity Cheer Team**
**Sectionals 2024**

**Friday, January 26th, 2024**

| Time | |
|---|---|
| 7:45 AM | Athletes bag drop off |
| 3:00 PM | Load the Bus |
| 3:30 PM | Leave CHS, Drive to Galesburg, IL |
| 6:15 PM | Arrive at **Fairfield Inn (approximately)**<br>Galesburg Fairfield Inn & Suites<br>901 West Carl Sandburg Drive<br>Galesburg, IL 61401 |
| 7:30 PM | Dinner TBD |
| 10:00 PM | Lights out |

CENTRAL
UNIT SCHOOL DISTRICT 301

**Saturday, January 27, 2024**

| Time | ***All times are approximate since we do not have a line-up*** |
|---|---|
| TBD | Leave for Knoxville HS<br>600 E Main St<br>Knoxville, IL 61448 |
| TBD | Perform |
| 1:45 PM | Qualifying Announcements |
| 2:30 PM | Leave Knoxville HS to return to Central High School |
| 5:30 PM | Arrive back at CHS |

**RESOLUTION OF THE**
**BOARD OF EDUCATION OF**
**CENTRAL COMMUNITY UNIT SCHOOL DISTRICT 301**
**KANE COUNTY, ILLINOIS**
**AUTHORIZING THE SALE OF REAL PROPERTY**
**LOCATED ON RUSSELL ROAD**

**WHEREAS**, the Board of Education of Central Community Unit School District 301 ("**Board**"), is the titleholder of record of a parcel of real property that is identified as Kane County PINs 05-22-127-007 and 05-22-127-008, which has an approximate address of 41W685 Russell Road, Plato Center, Illinois 60124, and is legally described on Exhibit A hereto (the "**Real Estate**"); and

**WHEREAS**, the Board has determined, pursuant to Section 10-22.13 of the *School Code* (105 ILCS 5/10-22.13), that the Real Estate has become unnecessary, unsuitable and inconvenient for the uses of the School District; and

**WHEREAS,** the Board has determined, by two-thirds vote of its members, that it is in the best interests of the School District to sell the Real Estate in accordance with Section 5-22 of the *School Code* (105 ILCS 5/5-22).

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Education of Central Community Unit School District 301, Kane County, Illinois, as follows:

**Section 1:** The Board hereby finds and declares that the Real Estate is unnecessary, unsuitable, and inconvenient for the uses of the School District.

**Section 2:** The Board hereby determines that it is in the best interests of the School District to sell the Real Estate by sealed bid and to publish notice of such public sale in accordance with the provisions of Section 5-22 of the *School Code* (105 ILCS 5/5-22) and in substantial conformance with the Notice of Public Sale attached hereto and made a part hereof as Exhibit B.

**Section 3:** The Board hereby determines that it is in the best interests of the School District to sell the Real Estate in accordance with the provisions of Section 5-22 of the *School Code* (105 ILCS 5/5-22) and the Terms and Conditions of Sale attached hereto and made a part hereof as Exhibit C or on such terms and conditions as are substantially similar to those set forth in Exhibit C.

**Section 4:** The Superintendent, and the President of the Board of Education are each hereby individually authorized to take such actions and to sign such documents on behalf of the Board as are necessary to complete the sale of the Real Estate.

**Section 5:** This Resolution shall be in full force and effect forthwith upon its passage.

*Signature Page Follows*

**ADOPTED** this _____ day of _____ 2024, by at least 2/3rds of its members, in the following roll call vote:

Ayes: _____

Nays: _____

Absent: _____

**BOARD OF EDUCATION OF**
**CENTRAL COMMUNITY UNIT SCHOOL**
**DISTRICT 301**
**KANE COUNTY, ILLINOIS**

By: _____
Its: President

**ATTEST:**

By: _____
Its: Secretary

# EXHIBIT A

PARCEL 1:
THAT PART OF THE NORTHEAST ¼ OF THE NORTHWEST 1/4 OF SECTION 22, TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

COMMENCING AT A POINT IN THE SOUTH LINE OF THE PUBLIC HIGHWAY, 210 FEET SOUTH AND 564 FEET EAST OF THE NORTHWEST CORNER OF THE NORTHEAST ¼ OF THE NORTHWEST ¼ OF SAID SECTION THENCE EAST ALONG SAID SOUTH LINE OF PUBLIC HIGHWAY 233.5 FEET, THENCE SOUTH PARALLEL WITH THE WEST LINE OF SAID NORTHEAST ¼ OF THE NORTHWEST ¼ OF SECTION 22, 688 FEET TO THE NORTHEASTERLY LINE OF THE ILLINOIS CENTRAL R.R. COMPANY RIGHT OF WAY, THENCE NORTH 40 DEGREES WEST ALONG SAID NORTHEASTERLY LINE 309.5 FEET, THENCE NORTH 484.5 FEET TO THE POINT OF BEGINNING;

PARCEL 2:
THAT PART OF THE NORTHEAST ¼ OF THE NORTHWEST 1/4 OF SECTION 22, TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE PROPERTY BEFORE DEED BY EMILY WITT TO PLATO TOWNSHIP BY DOCUMENT NO. 196735, THENCE SOUTHERLY ALONG THE EAST LINE OF SAID PROPERTY TO THE NORTHERLY LINE OF THE RIGHT OF WAY OF THE C.M. & N. R.R. NOW ILLINOIS CENTRAL, THENCE SOUTHEASTERLY ALONG NORTHERLY LINE OF SAID RAILROAD RIGHT OF WAY, 174 FEET, THENCE NORTH ON A LINE PARALLEL WITH AND 132 FEET EAST OF THE EAST LINE OF LANDS SO DEEDED BY SAID EMILY WITT TO THE SOUTH LINE OF THE PUBLIC HIGHWAY, THENCE WEST ALONG THE SOUTH LINE OF SAID HIGHWAY TO THE POINT OF BEGINNING;

PARCEL 3:
THAT PART OF THE NORTHEAST ¼ OF THE NORTHWEST 1/4 OF SECTION 22, TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

COMMENCING AT A POINT ON THE SOUTH LINE OF CHICAGO STREET, 66 FEET EAST OF THE NORTHEAST CORNER LOT 5 BLOCK 3 OF ADAM RIPPBERGER'S PLAT OF PLATO CENTER, THENCE SOUTH ON A LINE PARALLEL WITH THE EAST LINE AND THE EAST LINE EXTENDED OF SAID LOT 5 TO THE NORTHERLY LINE OF ILLINOIS CENTRAL R.R. RIGHT OF WAY, THENCE SOUTHEASTERLY ALONG SAID RIGHT OF WAY TO A POINT WHERE A LINE DRAWN 132 FEET EAST FROM THE NORTHEAST CORNER OF LOT 5 AFORESAID PARALLEL WITH THE WEST LINE OF THE PREMISES HEREIN DESCRIBED WILL MEET SAID RIGHT OF WAY, THENCE NORTH TO A POINT ON THE SOUTH LINE OF CHICAGO STREET, 132 FEET EAST OF THE NORTHEAST CORNER OF LOT 5, THENCE WEST 66 FEET ON THE SOUTH LINE OF CHICAGO STREET TO THE POINT OF BEGINNING;

ALL IN THE TOWNSHIP OF PLATO, KANE COUNTY, ILLINOIS.

Permanent Index Numbers: 05-22-127-007 and 05-22-127-008

Approximate Address: 41W685 Russell Road, Plato Center, Illinois 60124

## EXHIBIT B

## NOTICE OF PUBLIC SALE OF REAL ESTATE
## CENTRAL COMMUNITY UNIT SCHOOL DISTRICT 301
## KANE COUNTY, ILLINOIS

Notice is hereby given that the Board of Education of Central Community Unit School District 301, Kane County, Illinois, ("**Board**") will sell at public sale the property that is identified by Kane County PINs 05-22-127-007 and 05-22-127-008 (which has an approximate address of 41W685 Russell Road, Plato Center, Illinois 60124) (the "**Real Estate**"), by sealed bid. Bids must be submitted in a sealed envelope entitled "Bid for Russell Road Property." The name, address, and telephone number of the bidder must be displayed on the outside of the bid. Bids shall be due on February 14, 2024, at 1:30 p.m., at the District Administrative Office, 275 South Street, Burlington, IL 60109. All bids received after February 14, 2024, at 1:30 p.m., will not be considered and will be returned unopened to the bidder. Facsimile bids will not be considered. Bids will be opened and read aloud on February 14, 2024, at 1:31 p.m. at the District Administrative Office. The award of the bid, if at all, shall be by the Board of Education on February 20, 2024, at 6:00 p.m., or such other date as the Board of Education may determine.

Beginning on or about January 17, 2024, a bidder's information packet will be available at the District Administrative Office and on the District's website, https://central301.net/, which shall contain the terms and conditions of the sale, a Bid Form, a specimen real estate purchase agreement, a title commitment, and such other documents as made available by the Board in the bid packet. Any questions relating to the sale of the Real Estate should be sent in writing to the attention of Dan Polowy at dan.polowy@central301.net or delivered in person to the District Administrative Office. No oral representations will be binding upon the Board. Additionally, no inquiries may be submitted after February 7, 2024, at 3:00 p.m.

The sale will be made on the following terms: (i) a minimum sales price of at least $200,200; (ii) $10,000 in earnest money is deposited by the successful bidder within three business days of the execution of the contract by the Board; (iii) the Real Estate is being sold "AS-IS" without any representations; and (v) the Board reserves the right to reject any and all bids whether they meet the bid specifications or not, including bids that meet the minimum purchase price, to waive any irregularities, or to reschedule the public sale.

Bidders are encouraged to obtain a bidder's information packet that contains further details on the terms and conditions of the sale.

## EXHIBIT C

## TERMS AND CONDITIONS OF SALE

These Terms and Conditions of Sale apply to the sale of the real property that is identified as Kane County PINs 05-22-127-007 and 05-22-127-008 (which has an approximate address of 41W685 Russell Road, Plato Center, Illinois 60124).

### A. MINIMUM PURCHASE PRICE

The successful bid shall be **no less than $200,200.00**.

### B. EARNEST MONEY

The successful bidder must submit (as directed by the Board) the sum of $10,000.00, within three (3) business days of the execution of the Real Estate Purchase Agreement by the Board.

### C. AWARD OF BID

The Board shall review all bids that have been submitted and shall award the contract, if any, to the bidder that has made the best bid in the reasonable and sole judgment of the Board. The Board reserves the right to reject any and all bids whether they meet bid specifications or not, including bids that meet the minimum purchase price, and further reserves the right to waive any irregularities on any bid or to reschedule the public sale.

### D. AS-IS PURCHASE

The Real Estate will be sold "**AS-IS**". All furniture, equipment and other items of personal property not permanently attached to the building or the Real Estate are specifically excluded from the sale. Prospective purchasers are encouraged to examine the Real Estate to ascertain its use for a particular purpose. **SELLER MAKES NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, AS TO THE CONDITION OF THE REAL ESTATE.** Purchaser shall take all action it deems necessary, at its sole cost, expense and risk, to verify the condition of the Real Estate, and any zoning, subdivision or building restrictions. No bidder shall be permitted to take any physical tests on the Real Estate without the prior written consent of the Seller.

### E. BID INFORMATION

Each prospective bidder shall submit, by sealed bid, on the form attached here as "Bid Form for Purchase of Property." Bids must be submitted in a sealed envelope entitled "Bid for Russell Road Property." The name, address, and telephone number of the bidder must be displayed on the outside of the bid. Bids shall be due on February 14, 2024, at 1:30 p.m., at the District Administrative Office, 275 South Street, Burlington, IL 60109. All bids received after February 14, 2024, at 1:30 p.m., will not be considered and will be returned unopened to the bidder. Facsimile bids will not be considered. Bids will be opened and read aloud on February 14, 2024, at 1:31 p.m. at the District Administrative Office. The award of the bid, if at all, shall be by the Board of Education on February 20, 2024, at 6:00 p.m., or such other date as the Board of Education may determine.

Any questions relating to the sale of the Real Estate should be sent in writing to the attention of Dan Polowy at dan.polowy@central301.net, or in person. A written response to all inquiries shall be given to bidders that have provided contact information to Mr. Polowy. **IT IS THE BIDDER'S RESPONSIBILITY TO ENSURE IT HAS PROVIDED MR. POLOWY WITH AN EMAIL ADDRESS TO RECEIVE NOTICE OF ANY ADDENDA OR OTHER COMMUNICATIONS REGARDING THE SALE OF THE REAL ESTATE. BIDDERS SHOULD PROVIDE THEIR CONTACT EMAIL ADDRESS TO MR. POLOWY AT DAN.POLOWY@CENTRAL301.NET. FAILURE OF A BIDDER TO CONSIDER ANY ADDENDA OR OTHER COMMUNICATIONS ISSUED BY THE BOARD SHALL NOT BE GROUNDS FOR WITHDRAWAL OF A BID.** No oral representations will be binding upon the Board of Education. Additionally, no inquiries may be submitted after February 7, 2024, at 3:00 p.m.

## F. TOUR OF REAL ESTATE

Bidders may request to tour the Real Estate by contacting Dan Polowy at dan.polowy@central301.net.

**AS A CONDITION OF BEING PERMITTED TO TOUR THE REAL ESTATE, EACH PARTY TOURING THE REAL ESTATE ASSUMES ALL RISKS ASSOCIATED WITH SUCH TOUR AND WAIVES ANY RIGHTS OR CLAIMS HE OR SHE MAY HAVE ARISING FROM, RELATED TO, OR CONNECTED WITH SUCH TOUR AND FURTHER AGREES TO INDEMNIFY AND DEFEND THE BOARD OF EDUCATION OF CENTRAL COMMUNITY UNIT SCHOOL DISTRICT 301, ITS EMPLOYEES AND AGENTS FROM ANY LOSSES OR DAMAGES WHATSOEVER RESULTING THEREFROM. INDIVIDUALS TOURING THE REAL ESTATE MAY BE REQUIRED TO EXECUTE A WAIVER AND INDEMNIFICATION CONSENT FORM PRIOR TO ACCESSING TO THE REAL ESTATE.**

## G. BIDDER QUALIFICATIONS

The Board desires to ensure that the Real Estate continues to be used for the benefit of the community. As a result, the Board will only consider bids from governmental agencies or not-for-profit organizations.

## H. REAL ESTATE PURCHASE AGREEMENT

With the submission of its bid, each bidder shall submit a signed version of the Real Estate Purchase Agreement that is included herein, as written, except that the following information may be added: (1) name of Purchaser, (2) Purchase Price, (3) notice information for Purchaser, and (4) signature of Purchaser. **NO OTHER CHANGES MAY BE MADE TO THE AGREEMENT.**

With the submission of its bid, each bidder shall furnish evidence satisfactory to the Board of the Real Estate Purchase Agreement signer's authority to act on behalf of the successful bidder (e.g. certified original corporate resolution authorizing the execution of the Real Estate Purchase Agreement). A contract shall be deemed to have been entered into by the Board upon its execution of the Real Estate Purchase Agreement set forth herein, such execution to be made first by the successful bidder and subsequently by the authorized representatives of the Board.

***BIDDER MAY NOT SUBMIT BIDS THAT ARE CONTINGENT UPON CHANGES BEING MADE TO THESE TERMS AND CONDITIONS OF SALE OR THE REAL ESTATE PURCHASE AGREEMENT. ANY BIDS THAT ARE CONTINGENT UPON SUCH CHANGES WILL BE REJECTED BY THE BOARD.***

**[REAL ESTATE PURCHASE AGREEMENT BEGINS ON FOLLOWING PAGE]**

# REAL ESTATE PURCHASE AGREEMENT

**THIS AGREEMENT** ("**Agreement**") is made and entered into this ____ day of _____, 2024, by and between _____ ("**Purchaser**") and the Board of Education of Central Community Unit School District 301, Kane County, Illinois ("**Seller**").

## WITNESSETH:

**WHEREAS**, the Board of Education of Central Community Unit School District 301 ("**Board**"), is the titleholder of record of a parcel of real property that is identified as Kane County PINs 05-22-127-007 and 05-22-127-008, which has an approximate address of 41W685 Russell Road, Plato Center, Illinois 60124, and is legally described on Exhibit A hereto (said real estate, together with all improvements, fixtures, easements, appurtenances and benefits pertaining thereto being hereinafter referred to as the "**Real Estate**"); and

**WHEREAS,** Purchaser desires to purchase the Real Estate from Seller, and Seller desires to sell the Real Estate to Purchaser, upon the terms and conditions hereinafter set forth; and

**WHEREAS,** pursuant to Section 5-22 of the *School Code* (105 ILCS 5/5-22), Seller has the authority to transfer title of the Real Estate to Purchaser; and

**WHEREAS,** Seller has determined, by two-thirds of its Board of Education, that the Real Estate is unnecessary, unsuitable and inconvenient for the uses of the Seller.

**NOW, THEREFORE**, in consideration of the mutual covenants and promises of Seller and Purchaser, and other good and valuable consideration, the receipt and sufficiency of which are hereby expressly acknowledged, Seller and Purchaser hereby covenant and agree as follows:

1. **Sale and Purchase.** Seller agrees to sell and Purchaser agrees to purchase the Real Estate on the terms and conditions herein set forth at a price of _____ $_____) ("**Purchase Price**"), plus or minus prorations at the time of Closing, as hereinafter defined. Within three (3) business days of the execution of this Agreement by the Seller, Purchaser shall submit $10,000 as earnest money (hereinafter "**Earnest Money**") to the Seller. The Earnest Money shall be applied to the Purchase Price at the Closing, as defined in Paragraph 6 below. In the event that this Agreement is terminated or the transaction herein described is not consummated for a reason other than a default of the Purchaser, the Earnest Money, shall be refunded to Purchaser as its sole remedy. Purchaser shall pay the balance of the Purchase Price, as adjusted by prorations as described in the Agreement, at the Closing.

2. **Conveyance**. At the Closing, Seller shall convey or cause to be conveyed to Purchaser or Purchaser's nominee by recordable Quit Claim Deed (the "**Deed**") the Real Estate, subject only to (a) general real estate taxes not due and payable as of the date of the Closing; (b) acts of Purchaser; (c) covenants, conditions and restrictions of record; all easements; special governmental taxes or assessments for improvements not yet completed; and unconfirmed special governmental taxes or

assessments; and (d) exceptions or conditions contained on the title commitment, dated December 28, 2024, which were disclosed to Purchaser as part of the bidders' information packet (the "**Permitted Exceptions**"). Items which are not permitted exceptions specifically detailed herein shall be considered Unpermitted Exceptions.

3. **Survey**. Seller agrees to deliver to Purchaser, at least fourteen (14) days prior to the Closing, at Seller's sole cost and expense, a boundary survey dated not more than six (6) months before the date of Closing.

4. **Evidence of Title**. Purchaser acknowledges receipt of a current title commitment, dated December 28, 2024, prepared by Chicago Title Insurance Company (hereinafter referred to as the "**Title Company**") for an ALTA owner's title insurance policy. At the Closing, the Seller shall provide Purchaser with a title insurance policy in the amount of the Purchase Price, subject only to the title exceptions set forth in Paragraph 2 hereof. All costs of obtaining the aforesaid commitment and title policy shall be paid by Seller. The cost of any endorsements or extended coverage shall be borne by Purchaser.

5. **Correction of Defects**. If the title commitment herein required discloses Unpermitted Exceptions, and Seller provides written notice to Purchaser of those Unpermitted Exceptions to which it objects within five (5) business days of the receipt of the title commitment, Seller shall have thirty (30) days from the date of delivery thereof to have the exceptions removed from the title commitment or to have the title insurer commit to insure against loss or damage that may be occasioned by such Unpermitted Exceptions, and, in such event, the Closing shall be extended to a date fifteen (15) days after delivery of the corrected commitment or the time specified in Paragraph 6 hereof, whichever is later. If Purchaser fails to provide written notice of any Unpermitted Exceptions within the time provided, all items raised on the title commitment shall become Permitted Exceptions. If Seller fails to have the Unpermitted Exceptions removed, or in the alternative, to obtain the commitment for title insurance specified above, as to such exceptions within the specified time, Purchaser may, upon five (5) days prior written notice, terminate this Agreement and receive its Earnest Money as its sole remedy.

6. **Closing**. The Closing of the transaction herein described (the "**Closing**") shall be within sixty (60) days of the date that the last party signs this Agreement, at the office of the Title Company, or on a date mutually agreeable to the parties (or on the date to which such time is extended by reason of Paragraph 5 or Paragraph 11 hereof, whichever date is later). The transaction herein contemplated shall be through a New York Style Closing and closed through an escrow with the Title Company, in accordance with the general provisions of the usual form of a New York Style Escrow Agreement then in use by said Title Company, with such special provisions inserted in the escrow agreement as may be required to conform with this Agreement. Upon the creation of such an escrow, anything herein to the contrary notwithstanding, payment of the consideration and delivery of the Deed shall be made through the escrow and the cost of said escrow and New York Style Closing shall be equally divided between Seller and Purchaser.

7. **Delivery of Possession**. Seller shall deliver possession and control of the Real Estate on the day of the Closing.

8. **Closing Adjustments**. Seller will provide evidence satisfactory to Purchaser at the Closing that all general real estate taxes for which bills have been issued have been paid in full or that the Real Estate is exempt from real estate taxes.

9. **Covenants, Representations, and Warranties**. In order to induce Purchaser to enter into this Agreement, Seller hereby represents to Purchaser as of the date hereof and as of the date of Closing that, to Seller's knowledge:

A. Authority of Seller. Seller has full power to execute, seal, acknowledge and deliver this Agreement, and to consummate each and all of the transactions contemplated hereby.

B. Violation of Laws. Seller has not received any notice relating to any violations of applicable laws, ordinances, statutes, rules, regulations and restrictions pertaining to or affecting the Real Estate.

C. Notice of Legal Proceedings. Seller has not received any notice relating to any legal actions, suits, or other legal or administrative proceedings, including pending assessments, condemnation, eminent domain, or quiet title cases, pending or threatened, against the Real Estate.

D. Foreign Status of Seller. Section 1445 of the Internal Revenue Code (the "**Code**") does not apply to this transaction in that Seller is not a nonresident alien, foreign corporation, foreign partnership, foreign trust or foreign estate (as those terms are defined in the Code and Income Tax Regulations). On or before the date of the Closing Seller shall provide Purchaser with an affidavit of compliance with Section 1445, as set forth in the Code and applicable Regulations. If Seller fails to provide the necessary affidavit and/or documentation of exemption on or before the date of Closing, or if Purchaser has reason to believe such affidavit is false or incorrect, Purchaser shall have the right to proceed with the withholding provisions as set forth in Section 1445 of the Code.

E. Notice of Action. From the date hereof through the Closing, Seller shall promptly comply with and forthwith give notice to Purchaser of all notices received by Seller relating to the Real Estate given pursuant to any threatened or actual litigation or any state, city, or municipal law, ordinance, regulation, or order, and shall comply with the requirements of any authority, state, city or municipal department or other governmental entity having jurisdiction over the Real Estate or the use thereof.

10. **Provisions with Respect to the Closing**. At the Closing, Seller shall deliver to the Purchaser the following fully executed documents ("Closing Documents"):

A. A non-foreign affidavit in accordance with Section 1445 of the Internal Revenue Code;

B. Affidavit of Title in customary form;

C. Closing Statement executed by the parties;

D. Applicable Real Estate Transfer Declarations;

E. An ALTA statement in customary form;

F. Personal Gap Undertaking;

G. Quit Claim Deed in customary form conveying the Real Estate to Purchaser subject only to the Permitted Exceptions;

H. All such further conveyances, assignments, confirmations, satisfactions, releases, powers of attorney, instruments of further assurance, approvals, consents and any and all such further instruments and documents as are reasonably required by the Title Company to issue the Title Commitment described in Paragraph 4 hereof.

11. **Purchaser's Conditions to Closing**. Purchaser shall have no obligation to consummate the transaction provided for by this Agreement (but Purchaser shall be entitled to consummate the transaction provided hereby) unless each and every one of the following conditions shall have been satisfied:

A. This Agreement shall not have been previously terminated pursuant to any other provision hereof.

B. The Seller shall be prepared to deliver to Purchaser all instruments and documents to be delivered to Purchaser at the Closing pursuant to the terms and provisions hereof.

C. No eminent domain or condemnation proceeding shall have been initiated which might result in the taking of any part of the Real Estate. Seller shall immediately notify Purchaser in writing of the occurrence of any eminent domain proceedings, or the receipt of a written notice stating that such an action is contemplated.

D. There shall have been no material change in, damage to, or casualty suffered by the Real Estate. In the event of any casualty the provisions of the *Uniform Vendor and Purchaser Risk Act* of the State of Illinois shall be applicable to this Agreement.

12. **Notices**. Any notices and communications required to be given under this Agreement shall be in writing and, except as otherwise expressly provided, shall be (i) mailed by registered or certified mail, return receipt requested, postage prepaid, (ii) sent by a nationally recognized overnight delivery service with proof of delivery, or (iii) personally delivered by hand against receipt therefore to the parties at the address set forth below, or such other address as any party may designate to the others by notice hereunder. All such notices shall be deemed to have been received on the date of personal delivery, or, if mailed or by overnight delivery, on the date of deposit with the U.S. Post Office or the overnight delivery service, as the case may be.

If to Seller: Dr. Esther Mongan, Superintendent
Central Community Unit School District 301
275 South Street

PO Box 396
Burlington, IL 60109

with a copy to: Kerry B. Pipal
Hodges, Loizzi, Eisenhammer, Rodick & Kohn
500 Park Boulevard, Suite 1000
Itasca, Illinois 60143

If to Purchaser: _____
_____
_____

with a copy to: _____
_____
_____

13. **Time**. Time is of the essence of this Agreement.

14. **Governing Law and Interpretation**. This Agreement shall be governed by the laws of the State of Illinois, notwithstanding its choice of law provisions. Any action to enforce this Agreement shall be brought in the Kane County Circuit Court or the U.S. District Court, Northern District of Illinois, Eastern Division. The terms "hereby," "hereof," "hereto," "herein," "hereunder" and any similar terms shall refer to this Agreement, and the term "hereafter" shall mean after, and the term "heretofore" shall mean before, the date of this Agreement. Words of the masculine, feminine or neuter gender shall mean and include the correlative words of other genders, and the words importing the singular number shall mean and include the plural number and vice versa. Words importing persons shall include firms, associations, partnerships (including limited partnerships), trusts, corporations, joint ventures, and other legal entities, including public bodies, as well as natural persons. The terms "include," "including" and similar terms shall be construed as if followed by the phrase "without being limited to."

15. **Business Days**. If the date for Closing, or performance of an obligation falls on a Saturday, Sunday or state or federal holiday, the date shall be deferred until the first business day following such a date. This Agreement contains the entire agreement between the parties hereto relative to the sale of the Real Estate. No amendments, modifications or changes shall be binding upon a party unless set forth in a duly executed document.

16. **Broker**. Seller hereby represents to Purchaser that Seller has not had any dealings with respect to the Real Estate and this Agreement with any broker or real estate dealer.

17. **Waiver**. Purchaser and Seller reserve the right to waive any of the conditions precedent to its obligations hereunder. No such waiver, and no modification, amendment, discharge or change of this Agreement, except as otherwise provided herein, shall be valid unless the same is in writing and signed by the party against which the enforcement of such waiver, modification, amendment, discharge or change is sought.

18. **Binding Effect and Survival**. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective heirs, executors, administrators, legal representatives, successors and assigns.

19. **Captions**. The captions of this Agreement are inserted for convenience of reference only and in no way define, describe or limit the scope or intent of this Agreement or any of the provisions hereof.

20. **Counterparts.** This Agreement may be executed in several counterparts, and all so executed shall constitute one agreement, binding upon all of the parties hereto, notwithstanding that all of the parties are not signatories to the original or the same counterpart; provided, however, that this Agreement shall not be binding upon any party or signatory hereto until each person or entity which is to execute this Agreement has so executed a counterpart thereof.

21. **Entire Agreement.** This Agreement represents the entire Agreement between the parties to the subject matter hereof and supersedes any prior negotiations between the parties.

22. **Amendment.** This Agreement may only be amended by written agreement of both parties.

23. **Effective Date**. Effective Date shall mean the last date on which both the Seller and the Purchaser have executed this Agreement.

24. **Attorneys' Fees**. In the event the Seller takes legal action against the Purchaser to enforce the terms and conditions of this Agreement and substantially prevails in such action, Seller shall be entitled to recover from the Purchaser all costs, fees and expenses it incurred in bringing such action, which shall include, but are not limited to, attorneys' fees, court courts and expert witness fees.

**[SIGNATURE PAGE TO FOLLOW]**

**IN WITNESS WHEREOF**, the parties hereto have executed this Real Estate Purchase Agreement as of the day first above written.

| **SELLER:** | **PURCHASER:** |
|---|---|
| **BOARD OF EDUCATION OF CENTRAL COMMUNITY UNIT SCHOOL DISTRICT 301 KANE COUNTY, ILLINOIS** | _____ _____ _____ |
| **By:** _____ | **By:** _____ |
| **Its: President** | **Its:** _____ |
| **Dated:** _____ | **Dated:** _____ |

**EXHIBIT A**
**TO REAL ESTATE PURCHASE AGREEMENT**

**LEGAL DESCRIPTION OF REAL ESTATE**

PARCEL 1:
THAT PART OF THE NORTHEAST ¼ OF THE NORTHWEST 1/4 OF SECTION 22, TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

COMMENCING AT A POINT IN THE SOUTH LINE OF THE PUBLIC HIGHWAY, 210 FEET SOUTH AND 564 FEET EAST OF THE NORTHWEST CORNER OF THE NORTHEAST ¼ OF THE NORTHWEST ¼ OF SAID SECTION THENCE EAST ALONG SAID SOUTH LINE OF PUBLIC HIGHWAY 233.5 FEET, THENCE SOUTH PARALLEL WITH THE WEST LINE OF SAID NORTHEAST ¼ OF THE NORTHWEST ¼ OF SECTION 22, 688 FEET TO THE NORTHEASTERLY LINE OF THE ILLINOIS CENTRAL R.R. COMPANY RIGHT OF WAY, THENCE NORTH 40 DEGREES WEST ALONG SAID NORTHEASTERLY LINE 309.5 FEET, THENCE NORTH 484.5 FEET TO THE POINT OF BEGINNING;

PARCEL 2:
THAT PART OF THE NORTHEAST ¼ OF THE NORTHWEST 1/4 OF SECTION 22, TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE PROPERTY BEFORE DEED BY EMILY WITT TO PLATO TOWNSHIP BY DOCUMENT NO. 196735, THENCE SOUTHERLY ALONG THE EAST LINE OF SAID PROPERTY TO THE NORTHERLY LINE OF THE RIGHT OF WAY OF THE C.M. & N. R.R. NOW ILLINOIS CENTRAL, THENCE SOUTHEASTERLY ALONG NORTHERLY LINE OF SAID RAILROAD RIGHT OF WAY, 174 FEET, THENCE NORTH ON A LINE PARALLEL WITH AND 132 FEET EAST OF THE EAST LINE OF LANDS SO DEEDED BY SAID EMILY WITT TO THE SOUTH LINE OF THE PUBLIC HIGHWAY, THENCE WEST ALONG THE SOUTH LINE OF SAID HIGHWAY TO THE POINT OF BEGINNING;

PARCEL 3:
THAT PART OF THE NORTHEAST ¼ OF THE NORTHWEST 1/4 OF SECTION 22, TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

COMMENCING AT A POINT ON THE SOUTH LINE OF CHICAGO STREET, 66 FEET EAST OF THE NORTHEAST CORNER LOT 5 BLOCK 3 OF ADAM RIPPBERGER'S PLAT OF PLATO CENTER, THENCE SOUTH ON A LINE PARALLEL WITH THE EAST LINE AND THE EAST LINE EXTENDED OF SAID LOT 5 TO THE NORTHERLY LINE OF ILLINOIS CENTRAL R.R. RIGHT OF WAY, THENCE SOUTHEASTERLY ALONG SAID RIGHT OF WAY TO A POINT WHERE A LINE DRAWN 132 FEET EAST FROM THE NORTHEAST CORNER OF LOT 5 AFORESAID PARALLEL WITH THE WEST LINE OF THE PREMISES HEREIN DESCRIBED WILL MEET SAID RIGHT OF WAY, THENCE NORTH TO A POINT ON THE SOUTH LINE OF CHICAGO STREET, 132 FEET EAST OF THE NORTHEAST CORNER OF LOT 5, THENCE WEST 66 FEET ON THE SOUTH LINE OF CHICAGO STREET TO THE POINT OF BEGINNING;

ALL IN THE TOWNSHIP OF PLATO, KANE COUNTY, ILLINOIS.

Permanent Index Numbers: 05-22-127-007 and 05-22-127-008

Approximate Address: 41W685 Russell Road, Plato Center, Illinois 60124

**BID FORM FOR PURCHASE OF PROPERTY**
**KANE COUNTY PINs 05-22-127-007 and 05-22-127-008**
**APPROXIMATE ADDRESS: 41W685 Russell Road, Plato Center, Illinois 60124**

**PURCHASE PRICE:** _____

**NAME OF PURCHASER:** _____

**ADDRESS OF PURCHASER:** _____

_____

_____

**PHONE NUMBER OF PURCHASER:** _____

**NAME OF AUTHORIZED REPRESENTATIVE SIGNING CONTRACT AND BID FORM:** _____

**POSITION OF AUTHORIZED REPRESENTATIVE:** _____

_____

By submitting this Bid Form, Bidder represents and warrants to the Board that it has received and considered all addenda and correspondence issued by the Board relating to the sale of the Real Estate, if any, and the Bidder's Purchase Price reflects such.

By: _____

Its: _____

Printed Name: _____

Date: _____

**BID CHECKLIST**: Bidder must submit the following items with its bid:

1. A completed and signed bid form;
2. Completed and executed Real Estate Purchase Agreement;
3. Documentation of authority of authorized representative to act on behalf of purchaser (e.g. original certified corporate resolution); and
4. Executed Acknowledgement(s) of Receipt of Addenda, if any.

1215456.2

**RESOLUTION OF THE**
**BOARD OF EDUCATION OF**
**CENTRAL COMMUNITY UNIT SCHOOL DISTRICT 301**
**KANE COUNTY, ILLINOIS**
**AUTHORIZING THE SALE OF REAL PROPERTY**
**LOCATED ON ROHRSEN ROAD**

**WHEREAS**, the Board of Education of Central Community Unit School District 301 ("**Board**"), is the titleholder of record of a parcel of real property that is identified as Kane County PINs 05-15-100-001, 05-15-300-001, and 05-16-200-004, which has an approximate address of 42W112 Rohrsen Road, Plato Center, IL 60123, and is legally described on Exhibit A hereto (the "**Real Estate**"); and

**WHEREAS**, the Board has determined, pursuant to Section 10-22.13 of the *School Code* (105 ILCS 5/10-22.13), that the Real Estate has become unnecessary, unsuitable and inconvenient for the uses of the School District; and

**WHEREAS,** the Board has determined, by two-thirds vote of its members, that it is in the best interests of the School District to sell the Real Estate in accordance with Section 5-22 of the *School Code* (105 ILCS 5/5-22).

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Education of Central Community Unit School District 301, Kane County, Illinois, as follows:

**Section 1:** The Board hereby finds and declares that the Real Estate is unnecessary, unsuitable, and inconvenient for the uses of the School District.

**Section 2:** The Board hereby determines that it is in the best interests of the School District to sell the Real Estate by sealed bid and to publish notice of such public sale in accordance with the provisions of Section 5-22 of the *School Code* (105 ILCS 5/5-22) and in substantial conformance with the Notice of Public Sale attached hereto and made a part hereof as Exhibit B.

**Section 3:** The Board hereby determines that it is in the best interests of the School District to sell the Real Estate in accordance with the provisions of Section 5-22 of the *School Code* (105 ILCS 5/5-22) and the Terms and Conditions of Sale attached hereto and made a part hereof as Exhibit C or on such terms and conditions as are substantially similar to those set forth in Exhibit C.

**Section 4:** The Superintendent, and the President of the Board of Education are each hereby individually authorized to take such actions and to sign such documents on behalf of the Board as are necessary to complete the sale of the Real Estate.

**Section 5:** This Resolution shall be in full force and effect forthwith upon its passage.

*Signature Page Follows*

**ADOPTED** this _____ day of _____ 2024, by at least 2/3rds of its members, in the following roll call vote:

Ayes: _____

Nays: _____

Absent: _____

**BOARD OF EDUCATION OF**
**CENTRAL COMMUNITY UNIT SCHOOL**
**DISTRICT 301**
**KANE COUNTY, ILLINOIS**

By: _____
Its: President

**ATTEST:**

By: _____
Its: Secretary

# EXHIBIT A

## LEGAL DESCRIPTION OF REAL ESTATE

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF PLATO CENTER, COUNTY OF KANE, STATE OF ILLINOIS AND IS DESCRIBED AS FOLLOWS:

THE EAST HALF OF THE NORTHEAST QUARTER OF SECTION 16; THE WEST 10 ACRES OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 15; THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 15; ALL THAT PART OF THE WEST HALF OF THE SOUTHWEST QUARTER OF SECTION 15 DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHWEST QUARTER OF SAID SECTION 15; THENCE EAST 8.16 CHAINS ALONG SAID QUARTER SECTION LINE; THENCE SOUTH 8.41 CHAINS TO THE CENTER LINE OF THE PUBLIC HIGHWAY; THENCE NORTH 55 1/2 DEGREES WEST 9.90 CHAINS ALONG THE CENTER LINE OF SAID HIGHWAY TO THE WEST LINE OF SAID SECTION 15; THENCE NORTH ALONG SAID SECTION LINE TO THE POINT OF BEGINNING; ALSO THAT PART OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 16 LYING NORTHEAST OF THE CENTER OF THE HIGHWAY, ALL IN TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, EXCEPTING THEREFROM THAT PART OF THE EAST HALF OF THE NORTHEAST QUARTER OF SECTION 16, TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF SAID NORTHEAST QUARTER; THENCE NORTH 90 DEGREES 00 MINUTES 00 SECONDS WEST ALONG THE SOUTH LINE OF SAID NORTHEAST QUARTER, 550.00 FEET FOR THE POINT OF BEGINNING; THENCE NORTH 00 DEGREES 19 MINUTES 56 SECONDS EAST, 170.00 FEET; THENCE NORTH 89 DEGREES 28 MINUTES 45 SECONDS WEST, 109.00 FEET; THENCE SOUTH 00 DEGREES 40 MINUTES 00 SECONDS WEST, 171.00 FEET TO THE SOUTH LINE OF SAID NORTHEAST QUARTER; THENCE NORTH 90 DEGREES 00 MINUTES 00 SECONDS EAST, ALONG SAID SOUTH LINE, 110.00 FEET TO THE POINT OF BEGINNING, IN THE TOWNSHIP OF PLATO, COUNTY OF KANE AND STATE OF ILLINOIS.

Permanent Index Numbers: 05-15-100-001, 05-15-300-001, and 05-16-200-004

Approximate Address: 42W112 Rohrsen Road, Plato Center, IL 60123

# EXHIBIT B

## NOTICE OF PUBLIC SALE OF REAL ESTATE
## CENTRAL COMMUNITY UNIT SCHOOL DISTRICT 301
## KANE COUNTY, ILLINOIS

Notice is hereby given that the Board of Education of Central Community Unit School District 301, Kane County, Illinois, ("**Board**") will sell at public sale the property that is identified by Kane County PINs 05-15-100-001, 05-15-300-001, and 05-16-200-004 (which has an approximate address of 42W112 Rohrsen Road, Plato Center, IL 60123) (the "**Real Estate**"), by sealed bid. Bids must be submitted in a sealed envelope entitled "Bid for Rohrsen Road Property." The name, address, and telephone number of the bidder must be displayed on the outside of the bid. Bids shall be due on February 14, 2024, at 1:00 p.m., at the District Administrative Office, 275 South Street, Burlington, IL 60109. All bids received after February 14, 2024, at 1:00 p.m., will not be considered and will be returned unopened to the bidder. Facsimile bids will not be considered. Bids will be opened and read aloud on February 14, 2024, at 1:01 p.m. at the District Administrative Office. The award of the bid, if at all, shall be by the Board of Education on February 20, 2024, at 6:00 p.m., or such other date as the Board of Education may determine.

Beginning on or about January 17, 2024, a bidder's information packet will be available at the District Administrative Office and on the District's website, https://central301.net/, which shall contain the terms and conditions of the sale, a Bid Form, a specimen real estate purchase agreement, a title commitment, and such other documents as made available by the Board in the bid packet. Any questions relating to the sale of the Real Estate should be sent in writing to the attention of Dan Polowy at dan.polowy@central301.net or delivered in person to the District Administrative Office. No oral representations will be binding upon the Board. Additionally, no inquiries may be submitted after February 7, 2024, at 3:00 p.m.

The sale will be made on the following terms: (i) a minimum sales price of at least $2,214,000; (ii) $50,000 in earnest money is deposited by the successful bidder within three business days of the execution of the contract by the Board; (iii) the Real Estate is being sold "AS-IS" without any representations; and (v) the Board reserves the right to reject any and all bids whether they meet the bid specifications or not, including bids that meet the minimum purchase price, to waive any irregularities, or to reschedule the public sale.

Bidders are encouraged to obtain a bidder's information packet that contains further details on the terms and conditions of the sale.

# EXHIBIT C

## TERMS AND CONDITIONS OF SALE

These Terms and Conditions of Sale apply to the sale of the real property that is identified as Kane County PINs 05-15-100-001, 05-15-300-001, and 05-16-200-004 ("Real Estate")

### A. MINIMUM PURCHASE PRICE

The successful bid shall be no less than $2,214,000.00.

### B. EARNEST MONEY

The successful bidder must submit (as directed by the Board) the sum of $50,000.00, within three (3) business days of the execution of the Real Estate Purchase Agreement by the Board.

### C. AWARD OF BID

The Board shall review all bids that have been submitted and shall award the contract, if any, to the bidder that has made the best bid in the reasonable and sole judgment of the Board. The Board reserves the right to reject any and all bids whether they meet bid specifications or not, including bids that meet the minimum purchase price, and further reserves the right to waive any irregularities on any bid or to reschedule the public sale.

### D. AS-IS PURCHASE

The Real Estate will be sold "**AS-IS**". All furniture, equipment and other items of personal property not permanently attached to the building or the Real Estate are specifically excluded from the sale. Prospective purchasers are encouraged to examine the Real Estate to ascertain its use for a particular purpose. **SELLER MAKES NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, AS TO THE CONDITION OF THE REAL ESTATE.** Purchaser shall take all action it deems necessary, at its sole cost, expense and risk, to verify the condition of the Real Estate, and any zoning, subdivision or building restrictions. No bidder shall be permitted to take any physical tests on the Real Estate without the prior written consent of the Seller.

### E. BID INFORMATION

Each prospective bidder shall submit, by sealed bid, on the form attached here as "Bid Form for Purchase of Property" its bid. Bids must be submitted in a sealed envelope entitled "Bid for Rohrsen Road Property." The name, address, and telephone number of the bidder must be displayed on the outside of the bid. Bids shall be due on February 14, 2024, at 1:00 p.m., at the District Administrative Office, 275 South Street, Burlington, IL 60109. All bids received after February 14, 2024, at 1:00 p.m., will not be considered and will be returned unopened to the bidder. Facsimile bids will not be considered. Bids will be opened and read aloud on February 14, 2024, at 1:01 p.m. at the District Administrative Office. The award of the bid, if at all, shall be by the Board of Education on February 20, 2024, at 6:00 p.m., or such other date as the Board may determine.

Any questions relating to the sale of the Real Estate should be sent in writing to the attention of Dan Polowy at dan.polowy@central301.net, or in person. A written response to all inquiries shall be given to bidders that have provided contact information to Mr. Polowy. **IT IS THE BIDDER'S RESPONSIBILITY TO ENSURE IT HAS PROVIDED MR. POLOWY WITH AN EMAIL ADDRESS TO RECEIVE NOTICE OF ANY ADDENDA OR OTHER COMMUNICATIONS REGARDING THE SALE OF THE REAL ESTATE. BIDDERS SHOULD PROVIDE THEIR CONTACT EMAIL ADDRESS TO MR. POLOWY AT DAN.POLOWY@CENTRAL301.NET. FAILURE OF A BIDDER TO CONSIDER ANY ADDENDA OR OTHER COMMUNICATIONS ISSUED BY THE BOARD SHALL NOT BE GROUNDS FOR WITHDRAWAL OF A BID.** No oral representations will be binding upon the Board. Additionally, no inquiries may be submitted after February 7, 2024, at 3:00 p.m.

## F. TOUR OF REAL ESTATE

Bidders may request to tour the Real Estate by contacting Dan Polowy at dan.polowy@central301.net. **AS A CONDITION OF BEING PERMITTED TO TOUR THE REAL ESTATE, EACH PARTY TOURING THE REAL ESTATE ASSUMES ALL RISKS ASSOCIATED WITH SUCH TOUR AND WAIVES ANY RIGHTS OR CLAIMS HE OR SHE MAY HAVE ARISING FROM, RELATED TO, OR CONNECTED WITH SUCH TOUR AND FURTHER AGREES TO INDEMNIFY AND DEFEND THE BOARD OF EDUCATION OF CENTRAL COMMUNITY UNIT SCHOOL DISTRICT 301, ITS EMPLOYEES AND AGENTS FROM ANY LOSSES OR DAMAGES WHATSOEVER RESULTING THEREFROM. INDIVIDUALS TOURING THE REAL ESTATE MAY BE REQUIRED TO EXECUTE A WAIVER AND INDEMNIFICATION CONSENT FORM PRIOR TO ACCESSING TO THE REAL ESTATE.**

## G. REAL ESTATE PURCHASE AGREEMENT

With the submission of its bid, each bidder shall submit a signed version of the Real Estate Purchase Agreement that is included herein, as written, except that the following information may be added: (1) name of Purchaser, (2) Purchase Price, (3) notice information for Purchaser, and (4) signature of Purchaser. **NO OTHER CHANGES MAY BE MADE TO THE AGREEMENT.**

With the submission of its bid, each bidder shall furnish evidence satisfactory to the Board of the Real Estate Purchase Agreement signer's authority to act on behalf of the successful bidder (e.g. certified original corporate resolution authorizing the execution of the Real Estate Purchase Agreement). A contract shall be deemed to have been entered into by the Board upon its execution of the Real Estate Purchase Agreement set forth herein, such execution to be made first by the successful bidder and subsequently by the authorized representatives of the Board.

***BIDDER MAY NOT SUBMIT BIDS THAT ARE CONTINGENT UPON CHANGES BEING MADE TO THESE TERMS AND CONDITIONS OF SALE OR THE REAL ESTATE PURCHASE AGREEMENT. ANY BIDS THAT ARE CONTINGENT UPON SUCH CHANGES WILL BE REJECTED BY THE BOARD.***

**[REAL ESTATE PURCHASE AGREEMENT BEGINS ON FOLLOWING PAGE]**

# REAL ESTATE PURCHASE AGREEMENT

**THIS AGREEMENT** ("**Agreement**") is made and entered into this ____ day of _____, 2024, by and between _____ ("**Purchaser**") and the Board of Education of Central Community Unit School District 301, Kane County, Illinois ("**Seller**").

## WITNESSETH:

**WHEREAS**, the Board of Education of Central Community Unit School District 301 ("**Board**"), is the titleholder of record of a parcel of real property that is identified as Kane County PINs 05-15-100-001, 05-15-300-001, and 05-16-200-004, which has an approximate address of 42W112 Rohrsen Road, Plato Center, IL 60123, and is legally described on Exhibit A hereto (said real estate, together with all improvements, fixtures, easements, appurtenances and benefits pertaining thereto being hereinafter referred to as the "**Real Estate**"); and

**WHEREAS,** Purchaser desires to purchase the Real Estate from Seller, and Seller desires to sell the Real Estate to Purchaser, upon the terms and conditions hereinafter set forth; and

**WHEREAS,** pursuant to Section 5-22 of the *School Code* (105 ILCS 5/5-22), Seller has the authority to transfer title of the Real Estate to Purchaser; and

**WHEREAS,** Seller has determined, by two-thirds of its Board of Education, that the Real Estate is unnecessary, unsuitable and inconvenient for the uses of the Seller.

**NOW, THEREFORE**, in consideration of the mutual covenants and promises of Seller and Purchaser, and other good and valuable consideration, the receipt and sufficiency of which are hereby expressly acknowledged, Seller and Purchaser hereby covenant and agree as follows:

1. **Sale and Purchase.** Seller agrees to sell and Purchaser agrees to purchase the Real Estate on the terms and conditions herein set forth at a price of _____ $_____) ("**Purchase Price**"), plus or minus prorations at the time of Closing, as hereinafter defined. Within three (3) business days of the execution of this Agreement by the Seller, Purchaser shall submit $50,000 as earnest money (hereinafter "**Earnest Money**"). The Earnest Money shall be applied to the Purchase Price at the Closing, as defined in Paragraph 6 below. The Earnest Money shall be held by the Title Company, as hereinafter defined, in a strict joint order escrow, for the mutual benefit of the parties. The cost of the joint order escrow shall be borne by Purchaser. In the event that this Agreement is terminated or the transaction herein described is not consummated for a reason other than a default of the Purchaser, the Earnest Money, shall be refunded to Purchaser as its sole remedy. Purchaser shall pay the balance of the Purchase Price, as adjusted by prorations as described in the Agreement, at the Closing.

2. **Conveyance**. At the Closing, Seller shall convey or cause to be conveyed to Purchaser or Purchaser's nominee by recordable Warranty Deed (the "**Deed**") the Real Estate, subject only to (a) general real estate taxes not due and payable as of the date of the Closing; (b) acts of Purchaser;

(c) covenants, conditions and restrictions of record; all easements; special governmental taxes or assessments for improvements not yet completed; and unconfirmed special governmental taxes or assessments; and (d) exceptions or conditions contained on the title commitment, dated December 20, 2023, which were disclosed to Purchaser as part of the bidders' information packet (the "**Permitted Exceptions**"). Items which are not permitted exceptions specifically detailed herein shall be considered Unpermitted Exceptions.

3. **Survey**. Seller agrees to deliver to Purchaser, at least fourteen (14) days prior to the Closing, at Seller's sole cost and expense, a boundary survey dated not more than six (6) months before the date of Closing.

4. **Evidence of Title**. Purchaser acknowledges receipt of a current title commitment, dated December 20, 2023, prepared by Chicago Title Insurance Company (hereinafter referred to as the "**Title Company**") for an ALTA owner's title insurance policy. At the Closing, the Seller shall provide Purchaser with a title insurance policy in the amount of the Purchase Price, subject only to the title exceptions set forth in Paragraph 2 hereof. All costs of obtaining the aforesaid commitment and title policy shall be paid by Seller. The cost of any endorsements or extended coverage shall be borne by Purchaser.

5. **Correction of Defects**. If the title commitment herein required discloses Unpermitted Exceptions, and Seller provides written notice to Purchaser of those Unpermitted Exceptions to which it objects within five (5) business days of the receipt of the title commitment, Seller shall have thirty (30) days from the date of delivery thereof to have the exceptions removed from the title commitment or to have the title insurer commit to insure against loss or damage that may be occasioned by such Unpermitted Exceptions, and, in such event, the Closing shall be extended to a date fifteen (15) days after delivery of the corrected commitment or the time specified in Paragraph 6 hereof, whichever is later. If Purchaser fails to provide written notice of any Unpermitted Exceptions within the time provided, all items raised on the title commitment shall become Permitted Exceptions. If Seller fails to have the Unpermitted Exceptions removed, or in the alternative, to obtain the commitment for title insurance specified above, as to such exceptions within the specified time, Purchaser may, upon five (5) days prior written notice, terminate this Agreement and receive its Earnest Money as its sole remedy.

6. **Closing**. The Closing of the transaction herein described (the "**Closing**") shall be within thirty (30) days of the expiration of the Due Diligence Period, at the office of the Title Company, or on a date mutually agreeable to the parties (or on the date to which such time is extended by reason of Paragraph 5 or Paragraph 11 hereof, whichever date is later). The transaction herein contemplated shall be through a New York Style Closing and closed through an escrow with the Title Company, in accordance with the general provisions of the usual form of a New York Style Escrow Agreement then in use by said Title Company, with such special provisions inserted in the escrow agreement as may be required to conform with this Agreement. Upon the creation of such an escrow, anything herein to the contrary notwithstanding, payment of the consideration and delivery of the Deed shall be made through the escrow and the cost of said escrow and New York Style Closing shall be equally divided between Seller and Purchaser.

7. **Delivery of Possession**. Seller shall deliver possession and control of the Real Estate on the day of the Closing.

8. **Closing Adjustments**. Seller will provide evidence satisfactory to Purchaser at the Closing that all general real estate taxes for which bills have been issued have been paid in full. Purchaser shall receive a credit at the Closing for general real estate taxes and any other applicable charge levied against the Real Estate not yet due or payable or due but not yet paid. The amount of any general real estate taxes not then ascertainable shall be credited on the basis of One Hundred Percent (100%) of the amount of the most recently ascertainable taxes, and shall include the date of the Closing. All prorations shall be final. Seller shall pay the amount of any stamp tax imposed by law by the State of Illinois, the County of Kane, and any municipality, on the transfer of title.

9. **Covenants, Representations, and Warranties**. In order to induce Purchaser to enter into this Agreement, Seller hereby represents to Purchaser as of the date hereof and as of the date of Closing that, to Seller's knowledge:

A. Authority of Seller. Seller has full power to execute, seal, acknowledge and deliver this Agreement, and to consummate each and all of the transactions contemplated hereby.

B. Violation of Laws. Seller has not received any notice relating to any violations of applicable laws, ordinances, statutes, rules, regulations and restrictions pertaining to or affecting the Real Estate.

C. Notice of Legal Proceedings. Seller has not received any notice relating to any legal actions, suits, or other legal or administrative proceedings, including pending assessments, condemnation, eminent domain, or quiet title cases, pending or threatened, against the Real Estate.

D. Foreign Status of Seller. Section 1445 of the Internal Revenue Code (the "**Code**") does not apply to this transaction in that Seller is not a nonresident alien, foreign corporation, foreign partnership, foreign trust or foreign estate (as those terms are defined in the Code and Income Tax Regulations). On or before the date of the Closing Seller shall provide Purchaser with an affidavit of compliance with Section 1445, as set forth in the Code and applicable Regulations. If Seller fails to provide the necessary affidavit and/or documentation of exemption on or before the date of Closing, or if Purchaser has reason to believe such affidavit is false or incorrect, Purchaser shall have the right to proceed with the withholding provisions as set forth in Section 1445 of the Code.

E. Notice of Action. From the date hereof through the Closing, Seller shall promptly comply with and forthwith give notice to Purchaser of all notices received by Seller relating to the Real Estate given pursuant to any threatened or actual litigation or any state, city, or municipal law, ordinance, regulation, or order, and shall comply with the requirements of any authority, state, city or municipal department or other governmental entity having jurisdiction over the Real Estate or the use thereof.

10. **Provisions with Respect to the Closing**. At the Closing, Seller shall deliver to the Purchaser the following fully executed documents ("Closing Documents"):

A. A non-foreign affidavit in accordance with Section 1445 of the Internal Revenue Code;

B. Affidavit of Title in customary form;

C. Closing Statement executed by the parties;

D. Applicable Real Estate Transfer Declarations;

E. An ALTA statement in customary form;

F. Personal Gap Undertaking;

G. Quit Claim Deed in customary form conveying the Real Estate to Purchaser subject only to the Permitted Exceptions;

H. All such further conveyances, assignments, confirmations, satisfactions, releases, powers of attorney, instruments of further assurance, approvals, consents and any and all such further instruments and documents as are reasonably required by the Title Company to issue the Title Commitment described in Paragraph 4 hereof.

11. **Purchaser's Conditions to Closing**. Purchaser shall have no obligation to consummate the transaction provided for by this Agreement (but Purchaser shall be entitled to consummate the transaction provided hereby) unless each and every one of the following conditions shall have been satisfied:

A. This Agreement shall not have been previously terminated pursuant to any other provision hereof.

B. The Seller shall be prepared to deliver to Purchaser all instruments and documents to be delivered to Purchaser at the Closing pursuant to the terms and provisions hereof.

C. No eminent domain or condemnation proceeding shall have been initiated which might result in the taking of any part of the Real Estate. Seller shall immediately notify Purchaser in writing of the occurrence of any eminent domain proceedings, or the receipt of a written notice stating that such an action is contemplated.

D. There shall have been no material change in, damage to, or casualty suffered by the Real Estate. In the event of any casualty the provisions of the *Uniform Vendor and Purchaser Risk Act* of the State of Illinois shall be applicable to this Agreement.

12. **Due Diligence Period**.

A. Notwithstanding anything in this Agreement to the contrary, the Purchaser shall have sixty (60) days from the date of the last party to execute this Agreement (the "**Due Diligence Period**") to conduct such reasonable tests, studies, and examinations of the Real Estate, and obtain any required governmental approvals for its intended use of the Real Estate (the "**Due Diligence**").

B. The Purchaser and its agents shall have the right to enter upon the Real Estate for the purpose of inspecting the Real Estate in accordance with this Paragraph, provided that the Purchaser provides forty-eight (48) hours' advanced notice to Seller. Purchaser agrees that all such inspections and reviews shall be conducted in a manner so as to provide minimum disturbance to the Real Estate.

C. If, after reasonable efforts, Purchaser determines in good faith that the Real Estate is not suitable for its intended use, Purchaser may provide written notice to Seller given not later than the expiration of the Due Diligence Period, of such and its election to declare this Agreement cancelled and null and void. In such event, the Purchaser shall be entitled to a refund of its Earnest Money, together with any interest or earnings thereon, if any.

D. In the event that the Purchaser does not notify the Seller that the Purchaser has elected to declare this Agreement cancelled and null and void in the manner and within the time period set forth in this Section, this Agreement shall remain in full force and effect, except that the Purchaser's option to satisfy itself as to the above matters or to declare this Agreement cancelled and null and void shall be terminated and be of no force and effect.

E. The Purchaser's satisfaction of itself of the matters set forth in this Section shall be done for the Purchaser's own account and not as a representative or agent of the Seller. Further, the Purchaser shall indemnify, defend, and hold harmless the Board of Education of Central Community Unit School District 301, its individual Board members, employees and agents from any losses, costs, damages, attorneys' fees and all other expenses of any nature whatsoever of which the Board of Education of Central Community Unit School District 301, its individual Board members, employees and agents may suffer, expend or incur and which arise out of, relate to, or are connected with the Purchaser's Due Diligence during the Due Diligence Period.

13. **Notices**. Any notices and communications required to be given under this Agreement shall be in writing and, except as otherwise expressly provided, shall be (i) mailed by registered or certified mail, return receipt requested, postage prepaid, (ii) sent by a nationally recognized overnight delivery service with proof of delivery, or (iii) personally delivered by hand against receipt therefore to the parties at the address set forth below, or such other address as any party may designate to the others by notice hereunder. All such notices shall be deemed to have been

received on the date of personal delivery, or, if mailed or by overnight delivery, on the date of deposit with the U.S. Post Office or the overnight delivery service, as the case may be.

If to Seller: Dr. Esther Mongan, Superintendent
Central Community Unit School District 301
275 South Street
PO Box 396
Burlington, IL 60109

with a copy to: Kerry B. Pipal
Hodges, Loizzi, Eisenhammer, Rodick & Kohn
500 Park Boulevard, Suite 1000
Itasca, Illinois 60143

If to Purchaser: _____
_____
_____

with a copy to: _____
_____
_____

14. **Time**. Time is of the essence of this Agreement.

15. **Governing Law and Interpretation**. This Agreement shall be governed by the laws of the State of Illinois, notwithstanding its choice of law provisions. Any action to enforce this Agreement shall be brought in the Kane County Circuit Court or the U.S. District Court, Northern District of Illinois, Eastern Division. The terms "hereby," "hereof," "hereto," "herein," "hereunder" and any similar terms shall refer to this Agreement, and the term "hereafter" shall mean after, and the term "heretofore" shall mean before, the date of this Agreement. Words of the masculine, feminine or neuter gender shall mean and include the correlative words of other genders, and the words importing the singular number shall mean and include the plural number and vice versa. Words importing persons shall include firms, associations, partnerships (including limited partnerships), trusts, corporations, joint ventures, and other legal entities, including public bodies, as well as natural persons. The terms "include," "including" and similar terms shall be construed as if followed by the phrase "without being limited to."

16. **Business Days**. If the date for Closing, or performance of an obligation falls on a Saturday, Sunday or state or federal holiday, the date shall be deferred until the first business day following such a date. This Agreement contains the entire agreement between the parties hereto relative to the sale of the Real Estate. No amendments, modifications or changes shall be binding upon a party unless set forth in a duly executed document.

17. **Broker**. Seller hereby represents to Purchaser that Seller has not had any dealings with respect to the Real Estate and this Agreement with any broker or real estate dealer.

18. **Waiver**. Purchaser and Seller reserve the right to waive any of the conditions precedent to its obligations hereunder. No such waiver, and no modification, amendment, discharge or change of this Agreement, except as otherwise provided herein, shall be valid unless the same is in writing and signed by the party against which the enforcement of such waiver, modification, amendment, discharge or change is sought.

19. **Binding Effect and Survival**. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective heirs, executors, administrators, legal representatives, successors and assigns.

20. **Captions**. The captions of this Agreement are inserted for convenience of reference only and in no way define, describe or limit the scope or intent of this Agreement or any of the provisions hereof.

21. **Counterparts.** This Agreement may be executed in several counterparts, and all so executed shall constitute one agreement, binding upon all of the parties hereto, notwithstanding that all of the parties are not signatories to the original or the same counterpart; provided, however, that this Agreement shall not be binding upon any party or signatory hereto until each person or entity which is to execute this Agreement has so executed a counterpart thereof.

22. **Entire Agreement.** This Agreement represents the entire Agreement between the parties to the subject matter hereof and supersedes any prior negotiations between the parties.

23. **Amendment.** This Agreement may only be amended by written agreement of both parties.

24. **Effective Date**. Effective Date shall mean the last date on which both the Seller and the Purchaser have executed this Agreement.

25. **Attorneys' Fees**. In the event the Seller takes legal action against the Purchaser to enforce the terms and conditions of this Agreement and substantially prevails in such action, Seller shall be entitled to recover from the Purchaser all costs, fees and expenses it incurred in bringing such action, which shall include, but are not limited to, attorneys' fees, court courts and expert witness fees.

**[SIGNATURE PAGE TO FOLLOW]**

**IN WITNESS WHEREOF**, the parties hereto have executed this Real Estate Purchase Agreement as of the day first above written.

| **SELLER:** | **PURCHASER:** |
|---|---|
| **BOARD OF EDUCATION OF CENTRAL COMMUNITY UNIT SCHOOL DISTRICT 301 KANE COUNTY, ILLINOIS** | _____ _____ _____ |
| **By:** _____ | **By:** _____ |
| **Its: President** | **Its:** _____ |
| **Dated:** _____ | **Dated:** _____ |

**EXHIBIT A**
**TO REAL ESTATE PURCHASE AGREEMENT**

**LEGAL DESCRIPTION OF REAL ESTATE**

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF PLATO CENTER, COUNTY OF KANE, STATE OF ILLINOIS AND IS DESCRIBED AS FOLLOWS:

THE EAST HALF OF THE NORTHEAST QUARTER OF SECTION 16; THE WEST 10 ACRES OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 15; THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 15; ALL THAT PART OF THE WEST HALF OF THE SOUTHWEST QUARTER OF SECTION 15 DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHWEST QUARTER OF SAID SECTION 15; THENCE EAST 8.16 CHAINS ALONG SAID QUARTER SECTION LINE; THENCE SOUTH 8.41 CHAINS TO THE CENTER LINE OF THE PUBLIC HIGHWAY; THENCE NORTH 55 1/2 DEGREES WEST 9.90 CHAINS ALONG THE CENTER LINE OF SAID HIGHWAY TO THE WEST LINE OF SAID SECTION 15; THENCE NORTH ALONG SAID SECTION LINE TO THE POINT OF BEGINNING; ALSO THAT PART OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 16 LYING NORTHEAST OF THE CENTER OF THE HIGHWAY, ALL IN TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN, EXCEPTING THEREFROM THAT PART OF THE EAST HALF OF THE NORTHEAST QUARTER OF SECTION 16, TOWNSHIP 41 NORTH, RANGE 7 EAST OF THE THIRD PRINCIPAL MERIDIAN DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF SAID NORTHEAST QUARTER; THENCE NORTH 90 DEGREES 00 MINUTES 00 SECONDS WEST ALONG THE SOUTH LINE OF SAID NORTHEAST QUARTER, 550.00 FEET FOR THE POINT OF BEGINNING; THENCE NORTH 00 DEGREES 19 MINUTES 56 SECONDS EAST, 170.00 FEET; THENCE NORTH 89 DEGREES 28 MINUTES 45 SECONDS WEST, 109.00 FEET; THENCE SOUTH 00 DEGREES 40 MINUTES 00 SECONDS WEST, 171.00 FEET TO THE SOUTH LINE OF SAID NORTHEAST QUARTER; THENCE NORTH 90 DEGREES 00 MINUTES 00 SECONDS EAST, ALONG SAID SOUTH LINE, 110.00 FEET TO THE POINT OF BEGINNING, IN THE TOWNSHIP OF PLATO, COUNTY OF KANE AND STATE OF ILLINOIS.

Permanent Index Numbers: 05-15-100-001, 05-15-300-001, and 05-16-200-004

Approximate Address: 42W112 Rohrsen Road, Plato Center, IL 60123

**BID FORM FOR PURCHASE OF PROPERTY**
**KANE COUNTY PINs 05-15-100-001, 05-15-300-001, and 05-16-200-004**
**APPROXIMATE ADDRESS: 42W112 Rohrsen Road, Plato Center, IL 60123**

**PURCHASE PRICE:** _____

**NAME OF PURCHASER:** _____

**ADDRESS OF PURCHASER:** _____
_____
_____

**PHONE NUMBER OF PURCHASER:** _____

**NAME OF AUTHORIZED REPRESENTATIVE SIGNING CONTRACT AND BID FORM:** _____

**POSITION OF AUTHORIZED REPRESENTATIVE:** _____
_____

By submitting this Bid Form, Bidder represents and warrants to the Board that it has received and considered all addenda and correspondence issued by the Board relating to the sale of the Real Estate, if any, and the Bidder's Purchase Price reflects such.

By: _____

Its: _____

Printed Name: _____

Date: _____

**BID CHECKLIST**: Bidder must submit the following items with its bid:

1. A completed and signed bid form;
2. Completed and executed Real Estate Purchase Agreement;
3. Documentation of authority of authorized representative to act on behalf of purchaser (e.g. original certified corporate resolution); and
4. Executed Acknowledgement(s) of Receipt of Addenda, if any.

1224170.2

CENTRAL
UNIT SCHOOL DISTRICT 301

# MEMORANDUM

TO: Dr. Esther Mongan, Board of Education

FROM: Dan Polowy, Director of Buildings and Grounds

DATE: January 12, 2024

RE: Maas Property - Rte. 47 Environmental Studies - Due Diligence

Please find attached to the Board Book reports relevant to environmental studies completed as part of our Due Diligence period, prior to officially owning the property located at 09N636 Route 47, Elgin. Within this due diligence period the following environmental studies have been completed:

**Alta Survey** - Completed and submitted

**DKES Wetland Investigation** - Information provided within this report is generally what is expected and Glen Eriksson noted that there is nothing in the report that would say we should not move forward with the purchase of this site.

**The Deigan Group Environmental Phase I and Limited Phase II**
**Phase I** report appears to be what was anticipated. We did move forward with a Phase II study based on the recommendation of the Deigan Group, in light of the fact that we may have students use existing site facilities at some time in the future. See conclusion statements from Deigan: “We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-21 of the Subject Property commonly known as 9N636 IL ROUTE 47, Kane County, Elgin, IL 60124. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. This assessment has revealed no evidence of RECs, Historical RECs (HRECs), or Controlled RECs (CRECs). Based on the findings of our Phase I ESA investigations dated December 18, 2023, Deigan recommends: Further review consisting of A Limited Phase II Environmental Assessment based on future use of land by students.”

**Limited Phase II** was completed based on the recommendation by Deigan due to the possible use of future land use by students. The conclusion from the Deigan group of the limited Phase II environment assessment are as follows: “Deigan group evaluated the potential for the presence of soil, sediment, and groundwater contaminants. There were no soil exceedances of IEPA TACO Tier 1 Remedial Objectives for Residential land uses except soil sample SS-1. These are the applicable standards that apply to the current and future site use as an educational facility for students. Recommendations: We recommend that the SS-1 open burn pit area be cleaned up by the seller by simply removing the residue and affected surface soil beneath the burn area and containerizing this material for off-site licensed landfill disposal. Sellers have agreed to this and are working on removal to mitigate the recommendation.

**Geotechnical Investigatory Work** - Testing Service Corporation (TSC) - Due to timing and the snow fall the soil boring was planned to be completed yesterday, January 11, 2024, and the following information was provided to the District by our engineer, Glen Eriksson. All borings were completed and from the site engineering perspective, they were pleased that there were no pockets identified with significant organic soils (unsuitable) and that the topsoil at this point has consistently been 8” to 16” with the deeper topsoil being in the low spots and shallower over the high points. There have been no surprises thus far and the soils that the engineer has found is what was expected to find in this area. At this point, the soils in this area are not different than any other elements that he has seen in Kane County.

# ALTA/NSPS LAND TITLE SURVEY

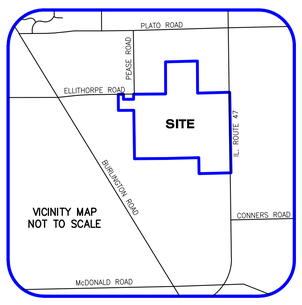

Vanderstappen Land Surveying, Inc.
www.vandersinc.com
1316 N. Madison St.
Woodstock, Illinois 60098
ph. 815-337-8310 fax 815-337-8314
"Always faithful to the property line"


**PARCEL 1:**
The Northwest Quarter and the North Half of the Northeast Quarter of the Southwest Quarter of Section 29, Township 41 North, Range 7 East of the Third Principal Meridian (excepting that part thereof dedicated to the People of the State of Illinois, for the purpose of a public highway by instrument dated July 27, 1931, and recorded November 2, 1932 as Document No. 360683, in Book 923, page 536) in the Township of Plato, County of Kane and State of Illinois.

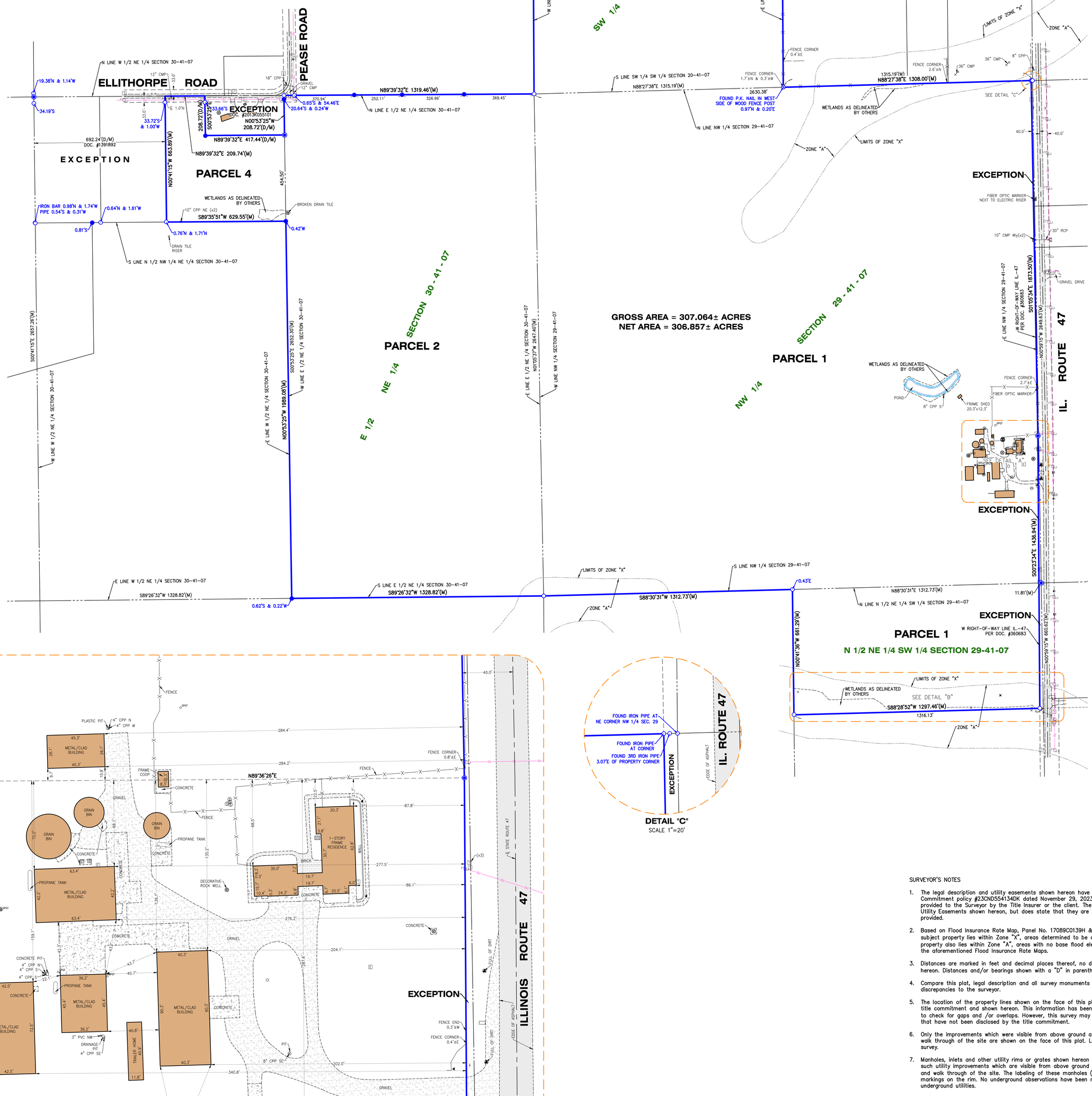
**PARCEL 2:**
The East Half of the Northeast Quarter of Section 30, Township 41 North, Range 7 East of the Third Principal Meridian, in the Township of Plato, County of Kane and State of Illinois.

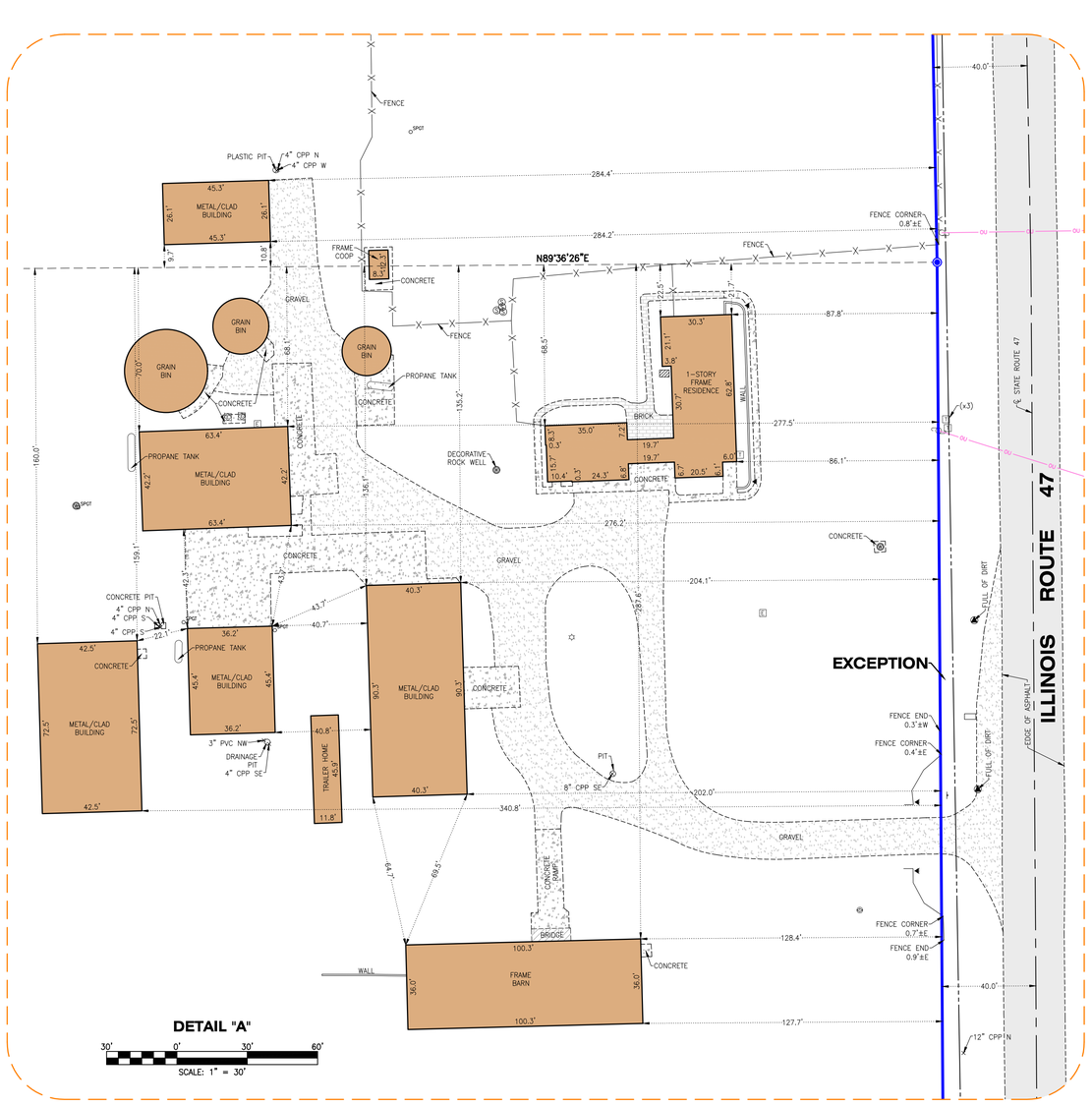
**PARCEL 3:**
The Southwest Quarter of the Southwest Quarter of Section 20, Township 41 North, Range 7 East of the Third Principal Meridian in the Township of Plato, County of Kane, and State of Illinois.

**PARCEL 4:**
The North Half of the Northwest Quarter of the Northeast Quarter (except the North 208.72 feet of the East 417.44 feet thereof as referenced in Deed 2013K055101 also except the West 692.24 feet as referenced in Deed 1391892 recorded January 12, 1971) in Section 30, Township 41 North, Range 7 East of the Third Principal Meridian in the Township of Plato, County of Kane, and State of Illinois.




| LEGEND | |
|---|---|
| AC | AIR CONDITIONER |
| | CATCH BASIN |
| | DOWN GUY |
| | DRAIN |
| | ELECTRIC METER |
| | ELECTRIC RISER |
| | FLAG POLE |
| | FLARED END SECTION |
| | FOUND CROSS |
| | FOUND IRON BAR |
| | FOUND IRON PIPE |
| | FOUND MAG NAIL |
| | FOUND ROW MARKER |
| | GAS PIPELINE MARKER |
| | LIGHT |
| | MAIL BOX |
| | SEPTIC LID |
| | SET IRON BAR |
| | SET MAG NAIL |
| | SIGN |
| SPGT | SPIGOT |
| T | TELEPHONE RISER |
| | TRANSFORMER |
| | TREE |
| | UTILITY POLE |
| | WELL |
| | YARD LIGHT |
| CPP | CORRUGATED PLASTIC PIPE |
| CMP | CORRUGATED METAL PIPE |
| (D) | DEED |
| (R) | RECORD |
| (M) | MEASURE |
| OU | OVERHEAD UTILITIES |
| --(-- | STORM SEWER LINE |

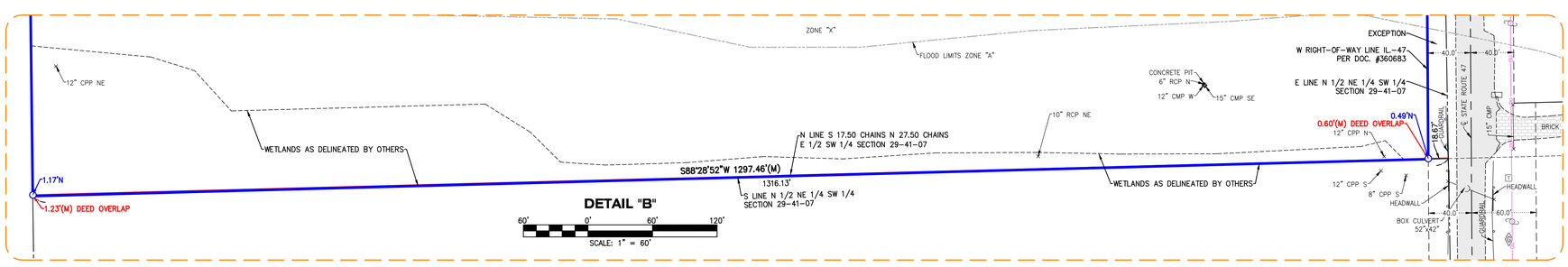



DETAIL "A"
SCALE: 1" = 30'




DETAIL "C"
SCALE 1"=20'




DETAIL "B"
SCALE: 1" = 60'

SURVEYOR'S NOTES

1. The legal description and utility easements shown hereon have been provided by Chicago Title Insurance Company, Commitment policy #23CND554134DK dated November 29, 2023. The title information shown hereon is exclusively that provided to the Surveyor by the Title Insurer or the client. The Surveyor does not warrant the exact location of the Utility Easements shown hereon, but does state that they are located as accurately as possible from the information provided.
2. Based on Flood Insurance Rate Map, Panel No. 17089C0139H & 17089C0140H, both dated August 03, 2009, the subject property lies within Zone "X", areas determined to be outside the 0.2% annual chance floodplain. The subject property also lies within Zone "A", areas with no base flood elevation determined. Flood zones have been scaled from the aforementioned Flood Insurance Rate Maps.
3. Distances are marked in feet and decimal places thereof, no dimension shall be assumed by scale measurement hereon. Distances and/or bearings shown with a "D" in parenthesis (D) are record or deed values, not field measured.
4. Compare this plat, legal description and all survey monuments before building, and immediately report any discrepancies to the surveyor.
5. The location of the property lines shown on the face of this plat are based on the legal description contained in the title commitment and shown hereon. This information has been furnished by the client and compared to record deeds to check for gaps and /or overlaps. However, this survey may not reflect historical matters of title and ownership that have not been disclosed by the title commitment.
6. Only the improvements which were visible from above ground at time of survey and through a normal search and walk through of the site are shown on the face of this plat. Lawn sprinkler systems, if any, are not shown on this survey.
7. Manholes, inlets and other utility rims or grates shown hereon are from field location of such, and only represent such utility improvements which are visible from above ground survey at the time of survey, through a normal search and walk through of the site. The labeling of these manholes (sanitary, water, etc) are based solely on the "stamped" markings on the rim. No underground observations have been made to verify the actual use or existence of underground utilities.
8. Surface indications of utilities on the surveyed parcel have been shown. Underground and offsite observations have not been made to determine the extent of utilities serving or existing on the property, public and/or private records have not been searched to provide additional information. Overhead wires and poles (if any) have been shown, however their function and dimensions have not been shown.
9. This survey may not reflect all utilities or improvements, if such items are hidden by landscaping, or are covered by such items as dumpsters or trailers or when the site was covered with snow. At the time of survey, the site was not covered by snow.
10. This survey makes no statement regarding the actual presence or absence of any service or utility line. Controlled underground exploratory effort together with "JULIE" markings is recommended to determine the full extent of underground service and utility lines. Contact J.U.L.I.E. at 1-800-892-0123.
11. Restrictions that may be found in local buildings and/or zoning codes have not been shown. Height and bulk restrictions (if any) have not been shown. Only those setback restrictions shown on the recorded subdivision plat or in the title commitment have been shown.
12. The Property Address is: 09N636 IL. Route 47, Elgin, IL 60123, provided by Kane County Property Information. (Pertains to Table A, item 2).
13. There is are no striped parking spaces. (Pertains to Table A, item 9).
14. There was no observable evidence of earth moving work, building construction or building additions at time of fieldwork. (Pertains to Table A, item 16).
15. The title commitment referenced in note #1 does not indicate any recorded dedication for Ellithorpe Road. The location of the center of the road is only an opinion and is based on a 66' right-of-way using the centerline as traveled. Net areas were calculated using this information and removing any area located within the prescriptive right-of-ways.

SCHEDULE B, PART II EXCEPTIONS:

16. Exceptions: 1, 4, 5, 6, 7, A8, B9, C10, D11, E12, F13, G14, AE15, H17, I18, J19, K20, L21, M22, N23, O24, P25, AF26, Q27, R28, W33, X34, Y35, Z36, AA37, AB38, AC39 are not survey related.
17. Exceptions: 2, 3, S29, T30, U31, V32 are blanket in nature.
18. Exception AD16: Pending Court case No. 2023CH000018 was not provided to surveyor for review.

STATE OF ILLINOIS )
) S.S.
COUNTY OF McHENRY)

Certified to: 1) Chicago Title Insurance Company
2) The Board of Education Central Community Unit School District No. 301 Kane County, IL.

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 7a, 8, 9, 11a, 16, & 19 of Table A thereof. The field work was completed on December 20th, 2023.

Dated this 22nd day of December, A.D., 2023.

VANDERSTAPPEN LAND SURVEYING INC.
Design Firm No. 184-002792

_____ (seal)
ARTHUR P. GRITMACKER, 035-003857
PROFESSIONAL LAND SURVEYOR

ARTHUR P. GRITMACKER 035-003857 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS EXP. 11/30/2024 WOODSTOCK, ILLINOIS

CLIENT: ERIKSSON ENGINEERING ASSO. LTD.
DRAWN BY: SES CHECKED BY: APG
SCALE: 1"=200' SEC. ** T. 41 R. 07 E.
BASIS OF BEARING: IL EAST ZONE NAD83 (2011)
P.I.N.: ***
JOB NO.: 231084 I.D. ALT
FIELDWORK COMP.: 12/20/23 BK. ___ PG. ___
ALL DISTANCES SHOWN IN FEET AND DECIMAL PARTS THEREOF CORRECTED TO 68° F. REF: _____

**SECTIONS: 20, 29, 30
***P.I.N.:
05-20-300-007
05-29-100-001
05-29-300-002
05-30-200-003
05-30-200-009

Y:\PLATS\2023\1000-1199\231084_V-231084\231084-ALT-GRD.dwg-Layout1-12/22/2023 2:05 PM

DK Environmental Services, Inc.
110 Woodland Road
Libertyville, IL 60048
dkenvserv@sbcglobal.net



# WETLAND INVESTIGATION
# and
# FARMED WETLAND ASSESSMENT

## ± 306.49 ACRE SITE
## PLATO TOWNSHIP - KANE COUNTY, ILLINOIS

*Prepared for:*

CENTRAL COMM UNIT SCHOOL DIST #301
*Attn: Ms. Esther Mongan, Superintendent*

*Prepared by:*

**DK Environmental Services, Inc.**
***110 Woodland Road***
***Libertyville, Illinois 60048***
dkenvserv@sbcglobal.net

*November, 2023*

DKES Project No. 2023-119

December 27, 2023

**Email**

Esther Mongan, Ed.D.
Superintendent - Central District 301
275 South Street
P.O. Box 396
Burlington, IL 60109
esther.mongan@central301.net

# Wetland Investigation and Farmed Wetland Assessment
## ± 306.49 ACRE PROPERTY

**PIN#'s:** **05-20-300-007 (39.54 ac)**
**05-29-100-001 (159.99 ac)**
**05-29-300-002 (19.36 ac)**
**05-30-200-003 (80.25 ac)**
**05-30-200-009 (7.35 ac)**

Dear Ms. Mongan:

DK Environmental Services, Inc. (DKES) completed a wetland investigation and farmed wetland assessment for the above referenced properties, characterized by the expansive farm site that includes a homesite, barns, and accessory buildings. The agricultural site is currently in agricultural production (row crops – soy, corn) and is comprised of five (5) separate parcels totaling approximately 306.49 acres.

Source materials were reviewed to determine the presence and extent of drainage patterns, water features, active agricultural field tiles, and potential wetland areas (PWA's) that exist on the subject property. Historical aerial photos, the NRCS soil survey, National Wetland Inventory, and topographic maps were reviewed for wetland signatures over the landscape during both selected normal precipitation and more recent, designated wetter years.

Results of the assessment are summarized to estimate the approximate location and extent of water features on-site, including wetlands/Waters of the US (WOUS) and any farmed wetland boundaries identified. Notes on the regulatory jurisdiction of wetlands/waters of the US (WOUS) are also provided for future planning and permitting considerations, based on our understanding of regulatory jurisdictional authority and current federal, state, and local regulations.

At the time of our field investigation, a total of four (4) wetlands were identified within the non-agricultural (non-tilled) portions of the subject property. DKES also performed a farmed wetland determination following standard USDA-Natural Resources Conservation Service (NRCS) procedures to determine if any areas within the active agricultural portions of the site qualify as farmed wetland. Agricultural practices, and wetlands existing on site, are affected

by prevalent biophysical conditions in the area and in the greater watershed. Soil conditions provide an indication of the hydrological character of land in the watershed, especially regarding the likely extent of tile drainage on agricultural lands. No additional farmed wetlands were identified via the Natural Resources Conservation Service (NRCS) 1998 wetland mapping conventions, nor during the on-site field investigation.

Wetlands and Waters of the US (WOUS) identified within the property boundaries is summarized in Table 1 below:

Table 1: Wetland Determination Summary

| AREA | APPROX SIZE (acres) on site | LIKELY JURISDICTIONAL STATUS* | NATIVE MEAN C | NATIVE FQAI | DOMINANT VEGETATION | TYPE |
|---|---|---|---|---|---|---|
| WL/ WOUS "A" | 0.50 | USACE | 2.52 | 11.57 | Silver maple (*Acer saccharinum*)<br>Reed canary grass *(Phalaris arundinacea)* | Riverine<br>Trib to Bowes Creek |
| WL "B" | 0.50 | KANE COUNTY | 1.60 | 5.06 | Barnyard grass *Echinochloa crus-galli*<br>Wild Panic Grass (*Panicum virgatum*) | Rock Lined Excavated Pond |
| WL "C" | 0.25 | KANE COUNTY | 1.89 | 8.01 | Barnyard grass *Echinochloa crus-galli*<br>Wild Panic Grass (*Panicum virgatum*) | Wet Swale adjacent to<br>Bowes Creek Tributary |
| WL "D" | 0.07 | KANE COUNTY | 1.91 | 8.95 | Barnyard grass *Echinochloa crus-galli*<br>Stinging nettle (*Urtica dioica*) | Wet Swale<br>Trib to Virgil Ditch |

*Jurisdictional Status is solely the opinion of DKES and must be confirmed by the USACE.

The approximate wetland boundaries are shown in Appendix A, Exhibit 7.
DKES recommends that, if impacts to wetlands/WOUS or buffers are proposed in the design of the future development, the report be submitted to the US Army Corps of Engineers for review and concurrence of wetland boundaries and jurisdiction.

This report was prepared to document our findings under Section 404 of the Clean Water Act and/or the Kane County Ordinance. Wetland boundaries were delineated in accordance with methodology established by the US Army Corps of Engineers (USACE) and the USDA-NRCS.

This report constitutes a complete wetland delineation and final wetland determination of current conditions as required for future development permitting.

## METHODOLOGY

Our methodology followed *The Corps of Engineers Wetland Delineation Manual*, dated January 1987 as well as the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region*, dated August 2010. Both identify the mandatory technical criteria for wetland identification. The three essential characteristics of a jurisdictional wetland are hydrophytic vegetation, hydric soils and wetland hydrology as described below:

**I)** Hydrophytic Vegetation: Hydrophytic vegetation is defined as the community of macrophytes that occurs in areas where inundation or soil saturation is either permanent or of sufficient frequency and duration to exert a controlling influence on the plant species present. Hydrophytic vegetation is present when the plant community is dominated by species that can tolerate prolonged inundation or soil saturation during the growing season. Wetland indicator status is the estimated probability a plant species occurs in a wetland area. The USACE's National Wetland Plant List (NWPL 2020) designated indicator statuses for the U.S. Fish and Wildlife Service, Region 3, are based on separating plants into five basic groups:

(1) OBL (Obligate Wetland) almost always occur (estimated probability >99%) in wetlands under natural conditions;

(2) FACW (Facultative Wetland) usually occur in wetlands (estimated probability 67-99%), but occasionally are found in nonwetlands;

(3) FAC (Facultative) are equally likely to occur in wetlands or nonwetlands (estimated probability 34-66%);

(4) FACU (Facultative Upland) usually occur in nonwetlands (estimated probability 67-99%), but occasionally are found in wetlands (estimated probability 1-33%); and

(5) UPL (Upland) almost always occur (estimated probability >99%) in nonwetlands under natural conditions.

If greater than 50% of the plants present are FAC, FACW, or OBL the subject area is considered jurisdictional in terms of vegetation. Indicator statuses were assigned to plants based on observations on their behavior throughout the region. However, some plant species have been modified to best describe the plants in the Chicago region.

Vegetation was sampled within plots to quantitatively characterize wetland and/or upland plant communities within a given area. Within each plot visual estimates of the percent cover of each plant species were made for each stratum (trees, saplings and shrubs, herbaceous plants, and woody vines). The Dominance Test is then calculated by applying the 50/20 rule.

If a plant community passes the Dominance Test, then the vegetation is hydrophytic and no further vegetative analysis is required. However, if the plant community fails the dominance test, and indicators of hydric soil and/or wetland hydrology are present then the Prevalence Index is applied.

The Prevalence Index is a weighted average of wetland indicator status of all plant species within a sample plot. If the plant community satisfies the Prevalence Index, then the vegetation is hydrophytic. If the plant community fails Prevalence Index, then it must meet the test Morphological Adaptations to be considered hydrophytic. If this last test fails, then the vegetation is considered non-hydrophytic. Results of vegetative sampling are illustrated on the attached U.S. Army Corps of Engineers Data Forms.

A vegetative inventory was compiled for the wetland community. The inventory was then entered into the US Army Corps of Engineers (2017) *Chicago Region FQA (Floristic Quality Assessment) Calculator*. Each native plant species has been given a coefficient of Conservatism value (*C*-value), ranging from 0-10.

Conservatism describes plants displaying varying degrees of tolerance to disturbance, as well as varying degrees of fidelity to specific habitat integrity. A rating of 0 represents common species or species not likely to be found only in natural areas and a rating of 10 represents rare species or species most likely to be found only in natural areas. The Floristic Quality Assessment Index (FQAI) was developed to evaluate the level of intrinsic biodiversity from areas with similar *C*-values, but otherwise differ significantly. This is accomplished by the following equation:

$$\text{FQAI} = \text{mean } C\text{-value } \sqrt{N}$$

According to Swink and Wilhelm (1994) and Wilhelm and Rericha (2017), if an area has an average *C*-value of 3.5 or higher or a FQAI of 35 or more, one can be confident that the site has sufficient floristic quality to be at least of marginal natural area quality. If the average *C*-value is 4.5 or higher or has a FQAI of 45 or more, then it is almost certain that the remnant has natural area potential.

According the USACE, Chicago District, Regional Permit Program (2007), one of the ways a wetland can be considered a "high quality aquatic resource" if the average *C*-value is 3.5 or greater or if the areas has a FQAI is 20 or greater.

**II)** Hydric Soils: According to the National Technical Committee for Hydric Soils a hydric soil is a soil that formed under conditions of saturation, flooding or ponding long enough during the growing season to develop anaerobic conditions in the upper part (USDA Soil Conservation Service 1994). Repeated periods of saturation or inundation combined with microbial activity causes morphological changes within the soil.

This promotes biogeochemical processes, such as the accumulation of organic matter and the reduction, translocation, or accumulation of iron and other reducible elements. The result of these processes is useful in identifying hydric soils during both wet and dry periods (USDA Natural Resources Conservation Service 2014).

There are 20 hydric soil indicators in the Land Resource Region (LRR) M per the *Field Indicators of Hydric Soils in the United States* (Ver. 8.2, 2018) and if one is present, it is considered a hydric soil.

The hydric soil indicators include:

- A1. Histisol
- A2. Histic Epipedon
- A3. Black Histic
- A4. Hydrogen Sulfide
- A5. Stratified Layers
- A10. 2 cm Muck
- A11. Depleted Below A Dark Surface
- A12. Thick Dark Surface
- S1. Sandy Mucky Mineral
- S2. 5 cm Mucky Peat or Peat
- S4. Sandy Gleyed Matrix
- S5. Sandy Redox
- S6. Stripped Matrix
- S7. Dark Surface
- F1. Loamy Mucky Mineral
- F2. Loamy Gleyed Matrix
- F3. Depleted Matrix
- F6. Redox Dark Surface
- F7. Depleted Dark Surface
- F8. Redox Depression

A soil pit is excavated to the appropriate depth to describe the soils profile. Color of the soil matrix and redox, mottling, and gleying within the profile are described using the Munsell Soil Color Charts (Gretagmacbeth 2009).

Generally, a hydric soil is present when there is an organic soil, histic epipedon, sulfidic material, aquic or peraquic moisture regime, reducing soils conditions, soil colors gleyed, bright mottles and/or low matrix chroma, soil listed on the hydric soil list, and iron and manganese. Results of soil sampling and if they meet one of the indicators are illustrated on the attached U.S. Army Corps of Engineers Data Forms.

**III)** Wetland Hydrology: Wetland hydrology indicators are used in combination with indicators of hydric soil and hydrophytic vegetation. These other indicators reflect a sites history of past episodes of inundation or soil saturation and if it was repeated over a period of time. Areas that have hydrophytic vegetation and hydric soils generally have wetland hydrology (National Research Council 1995).

Hydrologic indicators are the most complex of all wetland indicators as they can occur from recent or long-term meteorological conditions. Typically, the presence of water for a week or more during the growing season creates anaerobic conditions. Anaerobic conditions lead to the prevalence of wetland plants.

A sampled area is required to meet one or more of the primary wetland hydrology indicators, which include: surface water, high water table, saturation, water marks, sediment deposits, drift deposits, algal mat or crust, iron deposits, inundation visible on aerial imagery, sparsely vegetated concave surface, water-stained leaves, aquatic fauna, true aquatic plants, hydrogen sulfide odor, oxidized rhizospheres on living roots, presence of reduced iron, recent iron reduction in tilled soils, thin muck surface, and gauge or well data.

The area sampled must also meet two or more of the secondary indicators, which include: surface soil cracks, dry-season water table, crayfish burrows, saturation visible on aerial imagery, stunted or stressed plants, geomorphic position, and the FAC-Neutral test. Results of hydrology are illustrated on the attached USACE Data Forms.

## U.S. Army Corps of Engineers – Chicago District
## Regulatory Authority and Permitting Considerations

Regulatory waters/wetlands under USACE jurisdiction include:

*Waters of the United States* (WOUS) – Generally, this includes all waters, impoundments of waters, or tributaries of waters, such as lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, or natural ponds. This term is defined in 33 CFR 328.3.

*Wetlands* are a subset of WOUS – Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas as defined in 33 CFR 328.3(b).

*Jurisdictional Determinations (JDs)* are tools used by the U.S. Army Corps of Engineers to help implement Section 404 of the Clean Water Act and Sections 9 and 10 of the Rivers and Harbors Act of 1899. JDs are used to determine which areas are jurisdictional and/or non-jurisdictional hydrologic features on a specific geographical location (e.g. development site).

The USACE regulates the discharge of dredged or fill material into jurisdictional wetlands and "waters of the U.S." under Section 404 of the Clean Water Act (Act). Jurisdictional areas covered by the Act are navigable waterways, tributaries to navigable waterways, and wetlands adjacent thereto. Isolated wetlands are exempt from federal regulations following the January 2001 Supreme Court decision (SWANCC v. USACE). Wetlands determined to be exempt from USACE jurisdiction are, by default, under the jurisdiction of the Metropolitan Water Reclamation District.

Recently, the Environmental Protection Agency and U.S. Army Corps of Engineers ("the agencies") are in receipt of the U.S. District Court order vacating and remanding the Navigable Waters Protection Rule. Considering this order, the agencies have halted implementation of the Navigable Waters Protection Rule ("NWPR") nationwide and are interpreting "waters of the United States" consistent with the pre-2015 regulatory regime until further notice.

Any proposed project or other activity should be designed to avoid and minimize any disturbance to the wetland, stream, or other aquatic area, as much as is practicable before applying for a permit. Avoidance and minimization of impacts to aquatic areas and resources can include locating any activity away from low areas, establishing buffer zones, and protecting the quality of the water that may be discharged into these areas. If impacts to jurisdictional wetlands or any other water of the United States are proposed a permit is required from the USACE.

## Typical Wetland Exclusions (USACE)

For the purposes of this preliminary wetland determination, wetland exclusions and exemptions may apply to some water features identified on the subject property.
Examples include:

1. Stormwater Detention/Retention Basin / Ponds:

   - Stormwater management control features constructed or excavated in upland, non-hydric NRCS mapped soil areas (or in a non-jurisdictional waters) to convey, treat, infiltrate, or store stormwater runoff may be excluded from wetland regulation, if not historically or currently connected to traditionally navigable waters or their tributaries under USACE regulation;
   - Wetlands created by excavation or by other unfinished development activities in upland areas (e.g. due to incidental construction activities);
   - Wetlands created by artificial hydrology including, but not limited to, irrigation or detention facility outlets which would revert to upland areas if irrigation was to cease;
   - Wetlands created by the construction of stormwater facilities in upland areas, Provided that the facility was not created for the purpose of wetland mitigation;
   - Wetlands created by the construction of ponds in upland areas;

2. Roadside ditches:

   - Wetlands in roadside ditches created by excavation in upland areas;
   - Excavated drainage ditches along the roadsides that are not connected to regulated waters of the US or traditionally navigable waters;

**Kane County Regulations**

The subject property location follows the Kane County Ordinance with an original effective date of January 1, 2002, and revised date of June 1, 2019. Section 9-28 *General Requirements* requires a Stormwater Management Permit to be issued for the following if:

1. The development is located in the regulatory floodplain;
2. A substantial improvement in the floodplain;
3. There is any floodplain within the site;
4. The Development impacts a Wetland; or
5. The development has a detention storage facility previously permitted under this Chapter and the net new impervious area is less than five thousand (5,000) square feet and storage for those improvements is not included in that detention storage facility.
6. The development disturbs more than five thousand (5,000) square feet of ground or two hundred fifty (250) cubic yards of material (earth, soil, clay, gravel, grindings, etc.), unless the development consists solely of:

   a. The installation, renovation or replacement of a septic system, potable water service line or other utility serving an existing structure located outside of a Special Management Area;

b. The installation of a watermain, sanitary sewer, overhead and underground utilities located outside of Special Management Areas;

c. The maintenance, repair or at grade replacement of existing lawn areas not otherwise requiring a Stormwater Management Permit under this Chapter; or

d. The maintenance of an existing Stormwater Management Measure, Major and Minor Stormwater Systems, not requiring other state or federal permits or approvals.

According to the Ordinance under § 9-169.C states, "Wetland delineations under this section shall be valid for five (5)." Also, under § 9-169.C states, "Delineations for permitting purposes may be performed outside the growing season when Site conditions allow. FQI assessments made before May 1st or after October 15th shall be considered preliminary."

Section 9-170 Mitigation Required: States that "*All Wetland Impacts shall be mitigated as described within this Article with the following exceptions*":

A. A Wetland Impact created by the dredging of an isolated Wetland with an FQI of less than seven (7) for the purpose of creating a native vegetated Detention Storage Facility need not be mitigated;

B. A Wetland Impact to Isolated Wetlands less than 0.10 acre (4,356 square feet) in aggregate need not be mitigated, provided that:

1. One tenth of an acre (4,356 square feet) or more of the Wetlands on the Site have not been dredged or filled, cumulatively, since the Effective Date of this Chapter; and
2. The Wetland(s) has an FQI less than twenty-five (25).

C. Development proposing a Temporary Wetland Affect need not be mitigated provided that the impacted Wetland is restored to its pre-existing condition pursuant to Subsection 9-174.A;

D. A Wetland Impact occurring on Agricultural Land administered by any program under the Food Security Act (16 USC Section 3801 et seq.), as amended, need not be mitigated, provided that:

1. It has been enrolled in the program for the previous three (3) years; and
2. It is an approved impact under the program's conservation plan.

E. A Wetlands Impact to Wetlands identified as having an FQI greater than or equal to twenty-five (25) shall not be allowed as part of any Development unless the application of this Section would:

1. Have the effect of depriving the owner of all economically beneficial use of the Site; or

2. Make the construction or installation of an essential public improvement by a public entity impossible or highly impracticable. The Applicant may apply for a variance from the requirements of this Section under Article X of this Chapter; and Page 82 of 171 Kane County Stormwater Management Ordinance.

3. If such a variance is granted Mitigation for the Wetland Impact allowed shall be made according to Sections 9-171 and 9-172.

F. Mitigation required for indirect impacts shall be prorated by the percentage of the Tributary Area to the Wetland that is on-site (existing on-site Tributary Area/total existing Tributary Area) multiplied by the Wetland area, excluding any direct impacts via dredge or fill.

Areas of wetland impact greater than 0.10 acre will require wetland mitigation under the Ordinance. Mitigation ratios have been established based on the FQI of the wetlands. The FQI of a wetland is determined using methods developed by Swink and Wilhelm (1994).

The following table outlines required mitigation ratios:

| **TABLE 1. KANE COUNTY MITIGATION RATIO** | |
|---|---|
| **Impacted Wetland** | **Mitigation Ratio** |
| FQI less than 7 | 1:1 |
| FQI more than 7 but less than 16 | 2:1 |
| FQI more than 16 but less than 25, and/or threatened and/or endangered species present | 3:1 |
| FQI greater than 25 | 10:1 plus one half for each point by which the FQI exceeds 25 |
| Wetland impacts to more than one wetland site | Mitigate at the standards applicable to the highest quality wetland |

Kane County guidance provides the following three items associated with wetland areas on a development site:

**1)** The Ordinance requires buffers to be maintained around created and preserved wetlands. Buffer widths are established based on the size and quality of the wetland.

**2)** Kane County will allow enhancement of natural areas towards wetland mitigation. Under the Ordinance for every acre of natural area enhancement completed on-site, a 0.25 acre of wetland mitigation credit will be given.

**3)** Kane County Building and Zoning may also allow remaining on-site wetlands to be included as a designated park space, depending on their locations, and as part of a comprehensive land plan.

Buffer width averaging is acceptable at the discretion of the Administrator. Buffer averaging is when one area of buffer is permanently impacted, that impacted area is compensated in another area along the same on-site wetland complex. Under § 9-177 B.6.(a) "When using buffer width averaging, the width may not be more than 50% less, at the narrowest point, than the specified width. The buffer width may never be less than 15 feet."

Generally, the following three steps must be attempted before a permit authorization is issued:

(1) Avoid wetland and "waters of the U.S.";
(2) Minimize wetland and "waters of the U.S." fill; and
(3) Provide compensatory mitigation for unavoidable wetland impacts.

We recommend a written jurisdictional determination and wetland boundary verification with this report by the U.S. Army Corps of Engineers (USACE, Chicago District) if any planned future development should impact wetlands or buffers. This request may be coordinated directly through the USACE-Chicago District, or with the Kane County Department of Environmental and Water Resources, the local agency responsible for administering and enforcing the Kane County Stormwater Management Ordinance.

Please contact our office should you have any questions or if we can be of further assistance.

Sincerely,



Daniel J. Krill CPESC, CWS #002
President
DK ENVIRONMENTAL SERVICES, INC.

The following source materials were reviewed and are included below in Appendix A:

Exhibits

1) Location Map
2) National Wetlands Inventory (NWI)
3) Soil Survey (NRCS)
4) Flood Insurance Rate Maps (FIRM)
5) Kane County ADID Map – Advanced Identification of Aquatic Resources, Plato Township
6) Stormwater - Potential Flood Inundation Areas
7) Approximate Wetland Delineation with Data Points
8) NRCS Slides and Aerial Photos Reviewed – Farmed WL Review
9) USACE DATA FORMS
10) Representative Photographs

## Site Description

The subject property is generally located southwest of the town of Plato Center, south of Plato Road, north of McDonald Road, on the west side of IL Route 47 at reference mailing address 09N636 Illinois Route 47, Elgin, IL 60124 in Plato Township, Kane County IL.

Geographically, the 306.49-acre site is in the SW ¼ of Section 20, the NE ¼ of Section 30, and the NW ¼ Section 29 Township 41N, and Range 07E in the 3rd Principal Meridian. The existing homestead on the site is at the coordinates: Lat. 42.006758°N, Long. -88.464348°W. The character of the area is rural, and surrounding the property are of similar agricultural uses and cropland, with corn and soybean fields the dominant land cover. Agriculture is the dominant land use in the highest areas of the watershed (el. 900 feet and above).

Approximately 86% of the study site (363.49 acres) is located at the far western extent (headwaters) of the Otter Creek Watershed, draining east. For regional watershed-based planning, the Ferson-Otter Creek watershed consists of two subwatersheds (Ferson Creek is a major tributary to Otter Creek). The study site is located within the Lower Fox River Basin (Hydrologic Unit Code [HUC] 07120007) and consists of Ferson Creek (HUC 071200070104) and Otter Creek (HUC 071200070103) subwatersheds. The Fox River is the third largest tributary of the Illinois River stretching 185 miles (115 miles in Illinois) from its headwaters near Waukesha, Wisconsin, to its confluence with the Illinois River in Ottawa.

The Ferson-Otter Creek watershed has a drainage area of approximately 54 square miles, with 29% of the land area developed. The watershed is located on the urban fringe of the Chicago Metropolitan area in Kane County, the 5th fastest growing county in Illinois and covers portions of the Cities of Elgin and St. Charles as well as the Villages of Campton Hills, South Elgin, and Lily Lake. The total population in Ferson-Otter Creek watershed is approximately 32,515.

A small portion of the site at the far northwest, approximately 43 acres (or 14% of the total property area) is located west of a ridge line, draining west toward the Virgil Ditch, and is in the East Branch-South Branch Kishwaukee River watershed. The East Branch-South Branch Kishwaukee River is a major tributary to the South Branch Kishwaukee River in DeKalb County, with the confluence about one mile west of Sycamore. The watershed drains approximately 123 square miles of land into the South Branch Kishwaukee River. The South Branch Kishwaukee River continues to flow west to its confluence with the Kishwaukee River. From this confluence, the Kishwaukee River flows westward through Rockford before joining the Rock River. The Rock River flows to the southwest before joining the Mississippi River in the Quad Cities area (Moline, Illinois; Rock Island, Illinois, Davenport, Iowa; and Bettendorf, Iowa).

The elevation on the study site is highest in the western portion, as it is in the watershed, and gradually lowers to the east as the land approaches IL Route 47 and continues in this pattern off-site toward the Fox River. The site is positioned on the landscape at the headwaters of the watershed with elevations ranging from approximately 1030 feet above mean sea level (AMSL) to 959 feet for a total relief of 71 feet.

Soils throughout the farm site are generally well drained with active agricultural field tiles present and are mapped by resource agencies as sloping and have high erosion potential. The watershed-based plans reviewed do not indicate the presence of any farmed wetlands on the site. Soil classification systems, including hydrologic soil groups, are used by planners, builders, and engineers among others to determine site suitability for projects. Group B soils are present on the site with moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

## Review of Source Materials

Three (3) linear water features leading to off-site creeks or channels are identified on the National Wetland Inventory (NWI) at the northeastern, southeastern, and western portions of the site and classified as Riverine (**R4SBC**)**:**

System **Riverine (R)** : The Riverine System includes all wetlands and deepwater habitats contained within a channel, with two exceptions: (1) wetlands dominated by trees, shrubs, persistent emergents, emergent mosses, or lichens, and (2) habitats with water containing ocean-derived salts of 0.5 ppt or greater. A channel is an open conduit either naturally or artificially created which periodically or continuously contains moving water, or which forms a connecting link between two bodies of standing water.
Subsystem **Intermittent (4)** : This Subsystem includes channels that contain flowing water only part of the year. When the water is not flowing, it may remain in isolated pools or surface water may be absent.
Class **Streambed (SB)** : Includes all wetlands contained within the Intermittent Subsystem of the Riverine System and all channels of the Estuarine System or of the Tidal Subsystem of the Riverine System that are completely dewatered at low tide.
Water Regime **Seasonally Flooded (C)** : Surface water is present for extended periods especially early in the growing season, but is absent by the end of the growing season in most years. The water table after flooding ceases is variable, extending from saturated to the surface to a water table well below the ground surface.

One (1) isolated pond feature that is wholly contained on site is identified on the National Wetland Inventory (NWI) at the eastern portion of the site, north of the exiting home, and classified as (**PUBHx**)**:**

System **Palustrine (P)** : The Palustrine System includes all nontidal wetlands dominated by trees, shrubs, persistent emergents, emergent mosses or lichens, and all such wetlands that occur in tidal areas where salinity due to ocean-derived salts is below 0.5 ppt. It also includes wetlands lacking such vegetation, but with all of the following four characteristics: (1) area less than 8 ha (20 acres); (2) active wave-formed or bedrock shoreline features lacking; (3) water depth in the deepest part of basin less than 2.5 m (8.2 ft) at low water; and (4) salinity due to ocean-derived salts less than 0.5 ppt.
Class **Unconsolidated Bottom (UB)** : Includes all wetlands and deepwater habitats with at least 25% cover of particles smaller than stones (less than 6-7 cm), and a vegetative cover less than 30%.
Water Regime **Permanently Flooded (H)** : Water covers the substrate throughout the year in all years.
Special Modifier **Excavated (x)** : This Modifier is used to identify wetland basins or channels that were excavated by humans.

The Kane County NRCS Soils mapped for the site identify one hydric soil that occupies a significant portion of the area studied:

NRCS SOIL DESCRIPTIONS

| Kane County, Illinois (IL089) | | | |
|---|---|---|---|
| **Map Unit Symbol** | **Map Unit Name** | **Acres in AOI** | **Percent of AOI** |
| 59A | Lisbon silt loam, 0 to 2 percent slopes | 71.4 | 22.9% |
| 62A | Herbert silt loam, 0 to 2 percent slopes | 5.2 | 1.7% |
| 154A | Flanagan silt loam, 0 to 2 percent slopes | 6.8 | 2.2% |
| 348B | Wingate silt loam, cool mesic, 2 to 5 percent slopes | 41.7 | 13.4% |
| 348C2 | Wingate silt loam, 5 to 10 percent slopes, eroded | 21.5 | 6.9% |
| 356A | Elpaso silty clay loam, 0 to 2 percent slopes | 50.3 | 16.1% |
| 527C2 | Kidami loam, 4 to 6 percent slopes, eroded | 1.7 | 0.5% |
| 527D2 | Kidami loam, 6 to 12 | 2.9 | 0.9% |

| Kane County, Illinois (IL089) | | | |
|---|---|---|---|
| **Map Unit Symbol** | **Map Unit Name** | **Acres in AOI** | **Percent of AOI** |
| | percent slopes, eroded | | |
| 656B | Octagon silt loam, 2 to 4 percent slopes | 57.8 | 18.6% |
| 656C2 | Octagon silt loam, 4 to 6 percent slopes, eroded | 38.2 | 12.3% |
| 656D2 | Octagon silt loam, 6 to 12 percent slopes, eroded | 13.5 | 4.3% |
| W | Water | 0.6 | 0.2% |
| **Totals for Area of Interest** | | **311.5** | **100.0%** |

**59A—Lisbon silt loam, 0 to 2 percent slopes**

- *Landform:* End moraines, ground moraines
- *Hydric soil rating:* No
- *Drainage class:* Somewhat poorly drained

**62A—Herbert silt loam, 0 to 2 percent slopes**

- *Landform:* Ground moraines, end moraines
- *Hydric soil rating:* No
- *Drainage class:* Somewhat poorly drained

**154A—Flanagan silt loam, 0 to 2 percent slopes**

- *Landform:* Till plains, ground moraines
- *Hydric soil rating:* No
- *Drainage class:* Somewhat poorly drained

**348B and C2—Wingate silt loam, cool mesic, 2 to 5 percent and 5 to 10 percent slopes, eroded**

- *Landform:* Ground moraines, end moraines
- *Hydric soil rating:* No
- *Drainage class:* Moderately well drained

**356A—Elpaso silty clay loam, 0 to 2 percent slopes**

- *Landform:* Till plains, ground moraines
- *Hydric soil rating:* ***YES***
- *Drainage class:* Somewhat poorly drained

**527C2 and D2 —Kidami loam, 4 to 6 percent and 6 to 12 percent slopes, eroded**

- *Landform:* Ground moraines, end moraines
- *Drainage class:* Moderately well drained
- *Hydric soil rating:* No

**656B—Octagon silt loam, 2 to 4, 4 to 6, and 6 to 12 percent slopes, eroded**

- *Landform:* Ground moraines, end moraines
- *Drainage class:* Moderately well drained
- *Hydric soil rating:* No

The FEMA Firm map (PANEL 17089CO140H identifies areas of Zone A Floodplain (unstudied, without a determined Base Flood Elevation) at the northeast and southeast portions of the site. The mapped areas are associated with drainage tributaries flowing east off-site and leading to Otter Creek. Hydrologic connections to off-site traditionally navigable waters (Fox River) are known.

## CONCLUSION

Below is a brief description of the four (4) water features identified on-site with a list of the dominant hydrophytic plant communities, positive wetland hydrology indicators, and hydric soil types observed. This is followed by a plant species inventory and the results of the Wilhelm and Masters (2001) *Floristic Quality Assessment and Computer Application Program* illustrating each wetland's calculated *C*-value and FQI. Information regarding the on-site portion of the identified wetland is found on the attached USACE Data Forms (Appendix C). No farmed wetland areas were identified on the site (*see farmed wetland determination p.22*).

### Wetland /Waters of the US - "A"

***Wetland/WOUS "A"*** consists of a well-defined, steeply sloped drainage channel situated at the southeast portion of the farmed parcel, and roughly follows the southern property line. The drainageway accepts surface runoff and agricultural drain tile concentrated flows from the surrounding landscape, as well as conveying runoff from off-site and properties upstream, generally flowing easterly within the stream reach on-site at this location. An exposed drain tile within the channel was also observed to accept runoff from within the channel, draining northeasterly. This segment of drainage channel flows to Bowes Creek near the headwaters of the Otter Creek subwatershed and is a known tributary of the Fox River.

Wetland/WOUS A is shown as part of the mapped floodplain on the FEMA exhibit. Inundation and flowing water was evident at the time of the investigation, and water appears to cover the substrate throughout the year in all years, and there is a clear, continuous overland connection to off-site traditionally navigable waters (TNW's) and/or waters of the US (WOUS).

The wetland/WOUS does not meet the criteria for high-quality aquatic resources (HQAR's), as defined by the US Army Corps of Engineers and Kane County. The stream reach is not depicted as a high habitat value or high functional resource on the Kane County ADID map.

Historically, channelization and excavation to deepen the once natural meandering stream reach has occurred to improve agricultural productivity. Combined with the installation of sub-surface drainage tiles over the surface of the landscape, these activities result in the removal of excess groundwater, then route it to a point where it can be efficiently discharged and moved off-site. Hydromodification occurred primarily in the Ferson-Otter Creek watersheds.

Other hydrologic indicators were noted including redoximorphic features in the soils sampled, drainage patterns, geomorphic position on the landscape, and the FAC-neutral test. These observations provide support that the wetland identified is subject to seasonal fluctuation along with periodic inundation and/or saturation.

Soil profiles sampled revealed a low chroma matrix color with mottling, and iron and manganese concretions, which are indicative of hydric soils. The Soil Survey of Kane County, Illinois (Calsyn 2005) showed the mapped wetland area to be classified as 356A—El Paso silty clay loam, 0 to 2 percent slopes, described as a somewhat poorly drained hydric soil by the Natural Resource Conservation Service. In Kane County, the soil is prime farmland when drained by field tile. The soil is typically found along drainage channels, till plains, and ground moraines on the landscape.

The vegetative character of Wetland A is open water at the channel bottom, interspersed with weedy grass cover and mixed hardy native grasses and forbs along the lower portions of the stream channel and side slopes, typical of disturbed areas.

Few invasive shrubs and other woody species occupy the upper banks. Trees, shrubs and woody saplings observed on the flat upper edge of the channel include silver maple (*Acer saccharinum*), cottonwood (*Populus deltoides*), elderberry (*Sambucus canadensis*) and sandbar willow (*Salix interior*). Additionally, reed canary grass (*Phalaris arundinancea*) dominated the open understory.

Within the channel the dominant plant cover is a nearly monotypic stand of reed canary grass (*Phalaris arundinancea*), and redtop grass (*Agrostis alba*) found along the bottom and toe slopes. The wetland has a calculated FQAI of 11.57 and a mean C-value of 2.52.

Below is a plant species inventory and calculated metrics for Wetland/WOUS A:

**SITE:** MAAS FARM
**LOCALE:** PLATO TWP
**BY:** D. KRILL

**NOTES:** WETLAND A / creek

| CONSERVATISM-BASED METRICS | | ADDITIONAL METRICS | |
|---|---|---|---|
| MEAN C (NATIVE SPECIES) | 2.52 | SPECIES RICHNESS (ALL) | 30 |
| MEAN C (ALL SPECIES) | 1.77 | SPECIES RICHNESS (NATIVE) | 21 |
| MEAN C (NATIVE TREES) | 0.50 | % NON-NATIVE | 0.30 |
| MEAN C (NATIVE SHRUBS) | 2.75 | WET INDICATOR (ALL) | -0.47 |
| MEAN C (NATIVE HERBACEOUS) | 2.86 | WET INDICATOR (NATIVE) | -0.62 |
| FQAI (NATIVE SPECIES) | 11.57 | % HYDROPHYTE (MIDWEST) | 0.80 |
| FQAI (ALL SPECIES) | 9.68 | % NATIVE PERENNIAL | 0.57 |
| ADJUSTED FQAI | 21.12 | % NATIVE ANNUAL | 0.10 |
| % C VALUE 0 | 0.50 | % ANNUAL | 0.17 |
| % C VALUE 1-3 | 0.20 | % PERENNIAL | 0.73 |
| % C VALUE 4-6 | 0.27 | | |
| % C VALUE 7-10 | 0.03 | | |

| SPECIES ACRONYM | SPECIES NAME (NWPL/ MOHLENBROCK) | SPECIES (SYNONYM) | COMMON NAME | C VALUE | MIDWEST WET INDICATOR | NC-NE WET INDICATOR | WET INDICATOR (NUMERIC) | HABIT | DURATION | NATIVITY |
|---|---|---|---|---|---|---|---|---|---|---|
| ACESAI | Acer saccharinum | Acer saccharinum | Silver Maple | | 1 FACW | FACW | -1 | Tree | Perennial | Native |
| AGRALB | Agrostis gigantea | AGROSTIS ALBA | Black Bent | | 0 FACW | FACW | -1 | Grass | Perennial | Adventive |
| AMBART | Ambrosia artemisiifolia | Ambrosia artemisiifolia elatior | Annual Ragweed | | 0 FACU | FACU | 1 | Forb | Annual | Native |
| AMBTRI | Ambrosia trifida | Ambrosia trifida | Great Ragweed | | 0 FAC | FAC | 0 | Forb | Annual | Native |
| BARVUL | Barbarea vulgaris | BARBAREA VULGARIS | Garden Yellow-Rocket | | 0 FAC | FAC | 0 | Forb | Biennial | Adventive |
| CXMUSK | Carex muskingumensis | Carex muskingumensis | Muskingum Sedge | | 9 OBL | OBL | -2 | Sedge | Perennial | Native |
| CIRARV | Cirsium arvense | CIRSIUM ARVENSE | Canadian Thistle | | 0 FACU | FACU | 1 | Forb | Perennial | Adventive |
| CONMAC | Conium maculatum | CONIUM MACULATUM | Poison-Hemlock | | 0 FACW | FACW | -1 | Forb | Biennial | Adventive |
| CORSTO | Cornus alba | Cornus stolonifera; Cornus baileyi; Cornus sericea | Red Osier | | 5 FACW | FACW | -1 | Shrub | Perennial | Native |
| EPICOL | Epilobium coloratum | Epilobium coloratum | Purple-Leaf Willowherb | | 3 OBL | OBL | -2 | Forb | Perennial | Native |
| GLYSTR | Glyceria striata | Glyceria striata var. stricta | Fowl Manna Grass | | 4 OBL | OBL | -2 | Grass | Perennial | Native |
| HELGRO | Helianthus grosseserratus | Helianthus grosseserratus | Saw-Tooth Sunflower | | 4 FACW | FACW | -1 | Forb | Perennial | Native |
| OENBIE | Oenothera biennis | Oenothera biennis | King's-Cureall | | 0 FACU | FACU | 1 | Forb | Biennial | Native |
| POLPEN | Persicaria pensylvanica | Polygonum pensylvanicum | Pinkweed | | 0 FACW | FACW | -1 | Forb | Annual | Native |
| PHAARU | Phalaris arundinacea | PHALARIS ARUNDINACEA | Reed Canary Grass | | 0 FACW | FACW | -1 | Grass | Perennial | Adventive |
| POPDEL | Populus deltoides | Populus deltoides | Eastern Cottonwood | | 0 FAC | FAC | 0 | Tree | Perennial | Native |
| RUBOCC | Rubus occidentalis | Rubus occidentalis | Black Raspberry | | 0 UPL | UPL | 2 | Shrub | Perennial | Native |
| RUMCRI | Rumex crispus | RUMEX CRISPUS | Curly Dock | | 0 FAC | FAC | 0 | Forb | Perennial | Adventive |
| SALINT | Salix interior | Salix interior | Sandbar Willow | | 2 FACW | FACW | -1 | Shrub | Perennial | Native |
| SAMCAN | Sambucus nigra ssp. canadensis | Sambucus canadensis | Black Elder | | 4 FAC | FACW | -1 | Shrub | Perennial | Native |
| SCIFLU | Schoenoplectus fluviatilis | Scirpus fluviatilis; Bolboschoenus fluviatilis | River Club-Rush | | 4 OBL | OBL | -2 | Sedge | Perennial | Native |
| SETFAB | Setaria faberi | SETARIA FABERI | Japanese Bristle Grass | | 0 FACU | FACU | 1 | Grass | Annual | Adventive |
| SETGLA | Setaria pumila | SETARIA GLAUCA | Yellow Bristle Grass | | 0 FAC | FAC | 0 | Grass | Annual | Adventive |
| SOLDUL | Solanum dulcamara | SOLANUM DULCAMARA | Climbing Nightshade | | 0 FAC | FAC | 0 | Vine | Perennial | Adventive |
| SOLALT | Solidago altissima | Solidago altissima | Tall Goldenrod | | 1 FACU | FACU | 1 | Forb | Perennial | Native |
| SOLGIG | Solidago gigantea | Solidago gigantea | Late Goldenrod | | 4 FACW | FACW | -1 | Forb | Perennial | Native |
| ASTSIM | Symphyotrichum lanceolatum | Aster simplex | White Panicled American-Aster | | 3 FAC | FACW | 0 | Forb | Perennial | Native |
| ASTLAT | Symphyotrichum lateriflorum | Aster lateriflorus | Farewell-Summer | | 4 FACW | FAC | -1 | Forb | Perennial | Native |
| VERHAS | Verbena hastata | Verbena hastata | Simpler's-Joy | | 4 FACW | FACW | -1 | Forb | Perennial | Native |
| VITRIP | Vitis riparia | Vitis riparia var. syrticola | River-Bank Grape | | 1 FACW | FAC | -1 | Vine | Perennial | Native |

**Wetland "B"**

***Wetland "B"*** is a formerly excavated, rock lined pond situated to the north of the existing home site and agricultural buildings. The pond is fed by surface runoff and agricultural drain tile concentrated flows from the surrounding landscape, and overflows to the northeast. The pond appears to be isolated, with no clear hydrologic connection to off-site traditionally navigable waters or tributaries. Observed water-marks along the armored side slopes of the pond indicate a seasonal fluctuation of 2 feet within the depression. At the time of the investigation, the water level was low and the side slopes and low areas of the pond were exposed.

Wetland B is not shown as part of the mapped on-site 100-year floodplain on the FEMA exhibit. The wetland does not meet the criteria for high-quality aquatic resources (HQAR's), as defined by the US Army Corps of Engineers and Kane County. The pond is not depicted as a high habitat value or high functional resource on the Kane County ADID map.

Other hydrologic indicators were noted including redoximorphic features in the soils sampled, drainage patterns, geomorphic position on the landscape, and the FAC-neutral test. These observations provide support that the wetland identified is subject to seasonal fluctuation along with periodic inundation and/or saturation.

The vegetative character of Wetland B is permanent open water at the basin bottom, with grass cover along the upper portions of the side slopes. Planted shrubs and trees occupy the upper terrace above the pond. Large barnyard grass (*Echinochloa crus-galli)* and panic grasses (*Panicum dichotomiflorum*, *Panicum virgatum*), dominated the pond slopes. The wetland has a calculated FQAI of 5.06 and a mean C-value of 1.60.

Soil profiles sampled revealed a low chroma matrix color with mottling, and iron and manganese concretions, which are indicative of hydric soils. The Soil Survey of Kane County, Illinois (Calsyn 2005) showed the pond to be classified as a W—Water Feature, indicating permanent inundation of the area by the Natural Resource Conservation Service.

Below is a plant species inventory and calculated metrics for Wetland/WOUS B:

**SITE:** MAAS FARM
**LOCALE:** PLATO TWP
**BY:** D. KRILL

**NOTES:** WETLAND B - POND

| CONSERVATISM-BASED METRICS | | ADDITIONAL METRICS | |
|---|---|---|---|
| MEAN C (NATIVE SPECIES) | 1.60 | SPECIES RICHNESS (ALL) | 16 |
| MEAN C (ALL SPECIES) | 1.00 | SPECIES RICHNESS (NATIVE) | 10 |
| MEAN C (NATIVE TREES) | 2.50 | % NON-NATIVE | 0.38 |
| MEAN C (NATIVE SHRUBS) | 0.00 | WET INDICATOR (ALL) | -0.50 |
| MEAN C (NATIVE HERBACEOUS) | 1.43 | WET INDICATOR (NATIVE) | -1.00 |
| FQAI (NATIVE SPECIES) | 5.06 | % HYDROPHYTE (MIDWEST) | 0.88 |
| FQAI (ALL SPECIES) | 4.00 | % NATIVE PERENNIAL | 0.31 |
| ADJUSTED FQAI | 12.65 | % NATIVE ANNUAL | 0.31 |
| % C VALUE 0 | 0.56 | % ANNUAL | 0.38 |
| % C VALUE 1-3 | 0.31 | % PERENNIAL | 0.63 |
| % C VALUE 4-6 | 0.13 | | |
| % C VALUE 7-10 | 0.00 | | |

| SPECIES ACRONYM | SPECIES NAME (NWPL/ MOHLENBROCK) | SPECIES (SYNONYM) | COMMON NAME | C VALUE | MIDWEST WET INDICATOR | NC-NE WET INDICATOR | WET INDICATOR (NUMERIC) | HABIT | DURATION | NATIVITY |
|---|---|---|---|---|---|---|---|---|---|---|
| ACESAI | Acer saccharinum | Acer saccharinum | Silver Maple | | 1 FACW | FACW | -1 | Tree | Perennial | Native |
| BIDFRO | Bidens frondosa | Bidens frondosa | Devil's-Pitchfork | | 1 FACW | FACW | -1 | Forb | Annual | Native |
| CATSPE | Catalpa speciosa | CATALPA SPECIOSA | Northern Catalpa | | 0 FACU | FACU | 1 | Tree | Perennial | Adventive |
| CIRARV | Cirsium arvense | CIRSIUM ARVENSE | Canadian Thistle | | 0 FACU | FACU | 1 | Forb | Perennial | Adventive |
| ECHCRU | Echinochloa crus-galli | Echinochloa crusgalli | Large Barnyard Grass | | 0 FACW | FAC | -1 | Grass | Annual | Native |
| EQUHYE | Equisetum hyemale | Equisetum hyemale | Tall Scouring-Rush | | 1 FACW | FAC | -1 | Fern | Perennial | Native |
| FRAPEN | Fraxinus pennsylvanica | Fraxinus pennsylvanica subintegerrima; Fraxinus lanceolata | Green Ash | | 4 FACW | FACW | -1 | Tree | Perennial | Native |
| LEMMIO | Lemna minor | Lemna minor | Common Duckweed | | 5 OBL | OBL | -2 | Forb | Annual | Native |
| PANDIC | Panicum dichotomiflorum | Panicum dichotomiflorum | Fall Panic Grass | | 0 FACW | FACW | -1 | Grass | Annual | Native |
| PANVIR | Panicum virgatum | Panicum virgatum | Wand Panic Grass | | 3 FAC | FAC | 0 | Grass | Perennial | Native |
| POLPEN | Persicaria pensylvanica | Polygonum pensylvanicum | Pinkweed | | 0 FACW | FACW | -1 | Forb | Annual | Native |
| RHACAT | Rhamnus cathartica | RHAMNUS CATHARTICA | European Buckthorn | | 0 FAC | FAC | 0 | Shrub | Perennial | Adventive |
| RUMCRI | Rumex crispus | RUMEX CRISPUS | Curly Dock | | 0 FAC | FAC | 0 | Forb | Perennial | Adventive |
| SETGLA | Setaria pumila | SETARIA GLAUCA | Yellow Bristle Grass | | 0 FAC | FAC | 0 | Grass | Annual | Adventive |
| SOLDUL | Solanum dulcamara | SOLANUM DULCAMARA | Climbing Nightshade | | 0 FAC | FAC | 0 | Vine | Perennial | Adventive |
| VITRIP | Vitis riparia | Vitis riparia var. syrticola | River-Bank Grape | | 1 FACW | FAC | -1 | Vine | Perennial | Native |

**Wetland "C"**

***Wetland "C"*** is an eroded, intermittent drainage channel situated at the toeslope of a hill on the landscape, directing stormwater runoff toward the northeast portion of the farmed parcel, and roughly follows the northern property line. The drainageway accepts surface runoff from the surrounding areas southwest and connects with an off-site, well-defined drainage channel flowing easterly. The off-site channel flows to Bowes Creek and is situated near the headwaters of the Otter Creek subwatershed, a known tributary of the Fox River.

Wetland C is shown as part of the mapped floodplain on the FEMA exhibit. Saturation and inundation was evident at the time of the investigation, but inundation and flowing water is likely intermittent during the year during times of significant precipitation. For the on-site portion of wetland identified, a clear but not a continuous overland connection to off-site traditionally navigable waters (TNW's) and/or waters of the US (WOUS) was observed.

The wetland does not meet the criteria for high-quality aquatic resources (HQAR's), as defined by the US Army Corps of Engineers and Kane County. The water feature is not depicted as a high habitat value or high functional resource on the Kane County ADID map.

Other hydrologic indicators were noted including redoximorphic features in the soils sampled, drainage patterns, geomorphic position on the landscape, and the FAC-neutral test. These observations provide support that the wetland identified is subject to seasonal flooding along with periodic inundation and/or saturation.

The vegetative character at the origin of Wetland C, beginning at the western extent of the water feature, is an eroded, heavily silted, and sparsely vegetated flow path at the toe of an actively farmed slope. As the concave surface transitions to a nearly flat segment along the north property line moving east, the soils were observed to be saturated, then inundated, and then covered with dense stands of woody vegetation interspersed with common forbs and grasses typical of disturbed areas. Trees, shrubs and woody saplings observed on the flat upper edge of the channel include boxelder (*Acer negundo*), cottonwood (*Populus deltoides*), elderberry (*Sambucus canadensis*) and sandbar willow (*Salix interior*). Additionally, Japanese bristle grass (*Setaria faberi*), fall panic grass (*Panicum dichotomiflorum*) and reed canary grass (*Phalaris arundinancea*) dominated the open understory. The wetland has a calculated FQAI of 8.01 and a mean C-value of 1.89.

Soil profiles sampled revealed a low chroma matrix color with mottling, and iron and manganese concretions, which are indicative of hydric soils. The Soil Survey of Kane County, Illinois (Calsyn 2005) showed the mapped wetland area to be classified as 59A— Lisbon silt loam, 0 to 2 percent slopes, described as a somewhat poorly drained, non-hydric soil by the Natural Resource Conservation Service. The soil is typically found along, end moraines and ground moraines on the landscape.

Below is a plant species inventory and calculated metrics for Wetland C:

**SITE:** MAAS FARM
**LOCALE:** PLATO TWP
**BY:** D. KRILL
**NOTES:** WETLAND C - eroded channel

| CONSERVATISM-BASED METRICS | | ADDITIONAL METRICS | |
|---|---|---|---|
| MEAN C (NATIVE SPECIES) | 1.89 | SPECIES RICHNESS (ALL) | 30 |
| MEAN C (ALL SPECIES) | 1.13 | SPECIES RICHNESS (NATIVE) | 18 |
| MEAN C (NATIVE TREES) | 3.00 | % NON-NATIVE | 0.40 |
| MEAN C (NATIVE SHRUBS) | 3.00 | WET INDICATOR (ALL) | -0.17 |
| MEAN C (NATIVE HERBACEOUS) | 1.46 | WET INDICATOR (NATIVE) | -0.56 |
| FQAI (NATIVE SPECIES) | 8.01 | % HYDROPHYTE (MIDWEST) | 0.73 |
| FQAI (ALL SPECIES) | 6.21 | % NATIVE PERENNIAL | 0.43 |
| ADJUSTED FQAI | 14.63 | % NATIVE ANNUAL | 0.17 |
| % C VALUE 0 | 0.63 | % ANNUAL | 0.30 |
| % C VALUE 1-3 | 0.20 | % PERENNIAL | 0.67 |
| % C VALUE 4-6 | 0.17 | | |
| % C VALUE 7-10 | 0.00 | | |

| SPECIES ACRONYM | SPECIES NAME (NWPL/ MOHLENBROCK) | SPECIES (SYNONYM) | COMMON NAME | C VALUE | MIDWEST WET INDICATOR | NC-NE WET INDICATOR | WET INDICATOR (NUMERIC) | HABIT | DURATION | NATIVITY |
|---|---|---|---|---|---|---|---|---|---|---|
| ABUTHE | Abutilon theophrasti | ABUTILON THEOPHRASTI | Velvetleaf | | 0 FACU | FACU | 1 | Forb | Annual | Adventive |
| ACENEG | Acer negundo | Acer negundo var. violaceum | Ash-Leaf Maple | | 0 FAC | FAC | 0 | Tree | Perennial | Native |
| AGRALB | Agrostis gigantea | AGROSTIS ALBA | Black Bent | | 0 FACW | FACW | -1 | Grass | Perennial | Adventive |
| AMARET | Amaranthus retroflexus | AMARANTHUS RETROFLEXUS | Red-Root | | 0 FACU | FACU | 1 | Forb | Annual | Adventive |
| AMBTRI | Ambrosia trifida | Ambrosia trifida | Great Ragweed | | 0 FAC | FAC | 0 | Forb | Annual | Native |
| BARVUL | Barbarea vulgaris | BARBAREA VULGARIS | Garden Yellow-Rocket | | 0 FAC | FAC | 0 | Forb | Biennial | Adventive |
| CIRARV | Cirsium arvense | CIRSIUM ARVENSE | Canadian Thistle | | 0 FACU | FACU | 1 | Forb | Perennial | Adventive |
| ECHCRU | Echinochloa crus-galli | Echinochloa crusgalli | Large Barnyard Grass | | 0 FACW | FAC | -1 | Grass | Annual | Native |
| EPICOL | Epilobium coloratum | Epilobium coloratum | Purple-Leaf Willowherb | | 3 OBL | OBL | -2 | Forb | Perennial | Native |
| EQUARV | Equisetum arvense | Equisetum arvense | Field Horsetail | | 0 FAC | FAC | 0 | Fern | Perennial | Native |
| ERICAN | Erigeron canadensis | Conyza canadensis | Canadian Horseweed | | 0 FACU | FACU | 1 | Forb | Annual | Native |
| SOLGRA | Euthamia graminifolia | Solidago graminifolia; Solidago graminifolia nuttallii; Euthamia nuttallii | Flat-Top Goldentop | | 4 FACW | FAC | -1 | Forb | Perennial | Native |
| FRAPEN | Fraxinus pennsylvanica | Fraxinus pennsylvanica subintegerrima; Fraxinus lanceolata | Green Ash | | 4 FACW | FACW | -1 | Tree | Perennial | Native |
| GEUCAN | Geum canadense | Geum canadense | White Avens | | 1 FAC | FAC | 0 | Forb | Perennial | Native |
| MAZPUM | Mazus pumilus | MAZUS JAPONICUS | Japanese Mazus | | 0 UPL | UPL | 2 | Forb | Annual | Adventive |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PANDIC | Panicum dichotomiflorum | Panicum dichotomiflorum | Fall Panic Grass | 0 FACW | FACW | -1 Grass | Annual | Native |
| PANVIR | Panicum virgatum | Panicum virgatum | Wand Panic Grass | 3 FAC | FAC | 0 Grass | Perennial | Native |
| POLPEN | Persicaria pensylvanica | Polygonum pensylvanicum | Pinkweed | 0 FACW | FACW | -1 Forb | Annual | Native |
| PHAARU | Phalaris arundinacea | PHALARIS ARUNDINACEA | Reed Canary Grass | 0 FACW | FACW | -1 Grass | Perennial | Adventive |
| POAPRA | Poa pratensis | POA PRATENSIS | Kentucky Blue Grass | 0 FAC | FACU | 0 Grass | Perennial | Adventive |
| RUMCRI | Rumex crispus | RUMEX CRISPUS | Curly Dock | 0 FAC | FAC | 0 Forb | Perennial | Adventive |
| SALINT | Salix interior | Salix interior | Sandbar Willow | 2 FACW | FACW | -1 Shrub | Perennial | Native |
| SALNIG | Salix nigra | Salix nigra | Black Willow | 5 OBL | OBL | -2 Tree | Perennial | Native |
| SAMCAN | Sambucus nigra ssp. canadensis | Sambucus canadensis | Black Elder | 4 FAC | FACW | -1 Shrub | Perennial | Native |
| SETFAB | Setaria faberi | SETARIA FABERI | Japanese Bristle Grass | 0 FACU | FACU | 1 Grass | Annual | Adventive |
| SOLDUL | Solanum dulcamara | SOLANUM DULCAMARA | Climbing Nightshade | 0 FAC | FAC | 0 Vine | Perennial | Adventive |
| SOLALT | Solidago altissima | Solidago altissima | Tall Goldenrod | 1 FACU | FACU | 1 Forb | Perennial | Native |
| SOLGIG | Solidago gigantea | Solidago gigantea | Late Goldenrod | 4 FACW | FACW | -1 Forb | Perennial | Native |
| ASTSIM | Symphyotrichum lanceolatum | Aster simplex | White Panicled American-Aster | 3 FAC | FACW | 0 Forb | Perennial | Native |
| TRIPRA | Trifolium pratense | TRIFOLIUM PRATENSE | Red Clover | 0 FACU | FACU | 1 Forb | Perennial | Adventive |

## Wetland "D"

***Wetland "D"*** is an eroded, intermittent drainage channel situated at the toeslope of a hill on the landscape, directing stormwater runoff toward the northwest portion of the farmed parcel, and roughly follows the property line. The drainageway accepts surface runoff from the surrounding areas from the east and connects with off-site wetlands and intermittent flow paths on adjacent agricultural properties. The off-site drainage system is directed to Virgil Ditch and is situated near the headwaters of the East Branch-South Branch Kishwaukee River watershed, a known tributary of the Rock River.

Wetland D is not shown as part of the on-site mapped 100-year floodplain on the FEMA exhibit. Saturation was evident at the time of the investigation, but neither ponding nor inundation was observed. For the on-site portion of wetland identified, a hydrologic connection to off-site traditionally navigable waters (TNW's) and/or waters of the US (WOUS) was not clear or easily traceable due to active agricultural field tiles and other surface features of the landscape.

The wetland does not meet the criteria for high-quality aquatic resources (HQAR's), as defined by the US Army Corps of Engineers and Kane County. The water feature is not depicted as a high habitat value or high functional resource on the Kane County ADID map.

Other hydrologic indicators were noted including redoximorphic features in the soils sampled, drainage patterns, geomorphic position on the landscape, and the FAC-neutral test. These observations provide support that the wetland identified is subject to seasonal flooding along with periodic inundation and/or saturation.

The vegetative character of Wetland D is an eroded, heavily silted flow path at the mid-slope to lower edge of an actively farmed area surrounding the water feature. Trees, shrubs and woody saplings observed in the overstory include silver maple (*Acer saccharinum*), boxelder (*Acer*

*negundo*), cottonwood (*Populus deltoides*), elderberry (*Sambucus canadensis*), green ash (*Fraxinus pennsylvanica*), and peach leaf willow (*Salix amygdaloides*). Additionally, reed canary grass (*Phalaris arundinancea*) dominated the understory. The wetland has a calculated FQAI of 8.95 and a mean C-value of 1.91.

Soil profiles sampled revealed a low chroma matrix color with mottling, and iron and manganese concretions, which are indicative of hydric soils. The Soil Survey of Kane County, Illinois (Calsyn 2005) showed the mapped wetland area to be classified as 356A— El Paso silty clay loam, 0 to 2 percent slopes, described as a somewhat poorly drained, hydric soil by the Natural Resource Conservation Service. The soil is typically found along till plains and ground moraines on the landscape.

Below is a plant species inventory and calculated metrics for Wetland D:

| | |
|---|---|
| **SITE:** | MAAS FARM |
| **LOCALE:** | PLATO TWP |
| **BY:** | D. KRILL |
| **NOTES:** | WETLAND D - channel |

| CONSERVATISM-BASED METRICS | | ADDITIONAL METRICS | |
|---|---|---|---|
| MEAN C (NATIVE SPECIES) | 1.91 | SPECIES RICHNESS (ALL) | 33 |
| MEAN C (ALL SPECIES) | 1.27 | SPECIES RICHNESS (NATIVE) | 22 |
| MEAN C (NATIVE TREES) | 1.80 | % NON-NATIVE | 0.33 |
| MEAN C (NATIVE SHRUBS) | 4.00 | WET INDICATOR (ALL) | -0.39 |
| MEAN C (NATIVE HERBACEOUS) | 1.81 | WET INDICATOR (NATIVE) | -0.64 |
| FQAI (NATIVE SPECIES) | 8.95 | % HYDROPHYTE (MIDWEST) | 0.85 |
| FQAI (ALL SPECIES) | 7.31 | % NATIVE PERENNIAL | 0.52 |
| ADJUSTED FQAI | 15.59 | % NATIVE ANNUAL | 0.15 |
| % C VALUE 0 | 0.58 | % ANNUAL | 0.21 |
| % C VALUE 1-3 | 0.21 | % PERENNIAL | 0.73 |
| % C VALUE 4-6 | 0.21 | | |
| % C VALUE 7-10 | 0.00 | | |

| SPECIES ACRONYM | SPECIES NAME (NWPL/ MOHLENBROCK) | SPECIES (SYNONYM) | COMMON NAME | C VALUE | MIDWEST WET INDICATOR | NC-NE WET INDICATOR | WET INDICATOR (NUMERIC) | HABIT | DURATION | NATIVITY |
|---|---|---|---|---|---|---|---|---|---|---|
| ACENEG | Acer negundo | Acer negundo var. violaceum | Ash-Leaf Maple | | 0 FAC | FAC | 0 | Tree | Perennial | Native |
| ACESAI | Acer saccharinum | Acer saccharinum | Silver Maple | | 1 FACW | FACW | -1 | Tree | Perennial | Native |
| AGRALB | Agrostis gigantea | AGROSTIS ALBA | Black Bent | | 0 FACW | FACW | -1 | Grass | Perennial | Adventive |
| AMARET | Amaranthus retroflexus | AMARANTHUS RETROFLEXUS | Red-Root | | 0 FACU | FACU | 1 | Forb | Annual | Adventive |
| AMBTRI | Ambrosia trifida | Ambrosia trifida | Great Ragweed | | 0 FAC | FAC | 0 | Forb | Annual | Native |
| BARVUL | Barbarea vulgaris | BARBAREA VULGARIS | Garden Yellow-Rocket | | 0 FAC | FAC | 0 | Forb | Biennial | Adventive |
| CONMAC | Conium maculatum | CONIUM MACULATUM | Poison-Hemlock | | 0 FACW | FACW | -1 | Forb | Biennial | Adventive |
| CYPESC | Cyperus esculentus | Cyperus esculentus | Chufa | | 0 FACW | FACW | -1 | Sedge | Perennial | Native |
| ECHCRU | Echinochloa crus-galli | Echinochloa crusgalli | Large Barnyard Grass | | 0 FACW | FAC | -1 | Grass | Annual | Native |
| EPICOL | Epilobium coloratum | Epilobium coloratum | Purple-Leaf Willowherb | | 3 OBL | OBL | -2 | Forb | Perennial | Native |
| SOLGRA | Euthamia graminifolia | Solidago graminifolia; Solidago graminifolia nuttallii; Euthamia nuttallii | Flat-Top Goldentop | | 4 FACW | FAC | -1 | Forb | Perennial | Native |
| FRAPEN | Fraxinus pennsylvanica | Fraxinus pennsylvanica subintegerrima; Fraxinus lanceolata | Green Ash | | 4 FACW | FACW | -1 | Tree | Perennial | Native |
| GEUCAN | Geum canadense | Geum canadense | White Avens | | 1 FAC | FAC | 0 | Forb | Perennial | Native |
| HELGRO | Helianthus grosseserratus | Helianthus grosseserratus | Saw-Tooth Sunflower | | 4 FACW | FACW | -1 | Forb | Perennial | Native |
| JUNTOR | Juncus torreyi | Juncus torreyi | Torrey's Rush | | 2 FACW | FACW | -1 | Forb | Perennial | Native |
| PANDIC | Panicum dichotomiflorum | Panicum dichotomiflorum | Fall Panic Grass | | 0 FACW | FACW | -1 | Grass | Annual | Native |
| PANVIR | Panicum virgatum | Panicum virgatum | Wand Panic Grass | | 3 FAC | FAC | 0 | Grass | Perennial | Native |
| POLPEN | Persicaria pensylvanica | Polygonum pensylvanicum | Pinkweed | | 0 FACW | FACW | -1 | Forb | Annual | Native |
| PHAARU | Phalaris arundinacea | PHALARIS ARUNDINACEA | Reed Canary Grass | | 0 FACW | FACW | -1 | Grass | Perennial | Adventive |
| POAPRA | Poa pratensis | POA PRATENSIS | Kentucky Blue Grass | | 0 FAC | FACU | 0 | Grass | Perennial | Adventive |
| POPDEL | Populus deltoides | Populus deltoides | Eastern Cottonwood | | 0 FAC | FAC | 0 | Tree | Perennial | Native |
| DUCIND | Potentilla indica | DUCHESNEA INDICA | Indian-Strawberry | | 0 FACU | FACU | 1 | Forb | Perennial | Adventive |
| RUMCRI | Rumex crispus | RUMEX CRISPUS | Curly Dock | | 0 FAC | FAC | 0 | Forb | Perennial | Adventive |
| SALAMY | Salix amygdaloides | Salix amygdaloides | Peach-Leaf Willow | | 4 FACW | FACW | -1 | Tree | Perennial | Native |
| SAMCAN | Sambucus nigra ssp. canadensis | Sambucus canadensis | Black Elder | | 4 FAC | FACW | -1 | Shrub | Perennial | Native |
| SETFAB | Setaria faberi | SETARIA FABERI | Japanese Bristle Grass | | 0 FACU | FACU | 1 | Grass | Annual | Adventive |
| SOLDUL | Solanum dulcamara | SOLANUM DULCAMARA | Climbing Nightshade | | 0 FAC | FAC | 0 | Vine | Perennial | Adventive |
| SOLALT | Solidago altissima | Solidago altissima | Tall Goldenrod | | 1 FACU | FACU | 1 | Forb | Perennial | Native |
| SOLGIG | Solidago gigantea | Solidago gigantea | Late Goldenrod | | 4 FACW | FACW | -1 | Forb | Perennial | Native |
| ASTSIM | Symphyotrichum lanceolatum | Aster simplex | White Panicled American-Aster | | 3 FAC | FACW | 0 | Forb | Perennial | Native |
| TAROFF | Taraxacum officinale | TARAXACUM OFFICINALE | Common Dandelion | | 0 FACU | FACU | 1 | Forb | Perennial | Adventive |
| VERHAS | Verbena hastata | Verbena hastata | Simpler's-Joy | | 4 FACW | FACW | -1 | Forb | Perennial | Native |
| XANSTR | Xanthium strumarium | Xanthium strumarium var. canadense; Xanthium strumarium var. glabratum | Rough Cockleburr | | 0 FAC | FAC | 0 | Forb | Annual | Native |

## Farmed Wetland Determination

The proposed development site contains agricultural land (i.e., cultivated cropland that has been farmed at least one year in the last five years). If potential wetlands areas (PWA's) are identified on source materials reviewed and impacts associated with a development may occur as a result, a complete agricultural land wetland determination must be performed following the current federal Natural Resource Conservation Service (NRCS) procedures to determine if "farmed wetlands" are present on the site.

A Jurisdictional Determination (JD) request can be submitted to the US Army Corps of Engineers (USACE) and the findings contained in this final USACE/NRCS wetland determination report can be confirmed by regulatory agencies prior to site planning, permitting, and future development (pending).

NRCS farmed wetland determination procedures first involve an office review of U.S Farm Services Agency (FSA) historical aerial slide imagery for specified WET and NORMAL years, depending on the site location, followed by a field review to confirm the presence of hydric soil(s) in suspected farmed wetland areas. The presence and extent of wetlands or other water bodies on non-agricultural lands (i.e., non-croplands) is determined using a separate, on-site procedure in accordance with the current Federal wetland delineation methodology, which includes:

- Corps of Engineers Wetland Delineation Manual. Environmental Laboratory, 1987
- Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region, Version 2.0, dated August 2010

DKES first completed a desktop review of source materials including NRCS aerial slides. In the initial (preliminary step) of the process, to identify water features that may exist on the study site, the agricultural field in production is reviewed during the wettest years in which aerial photography for the site is available. Water features or signatures may be indicated by apparent crop damage, drainage patterns, or inundation in a depression in the farm field, for example. Each area exhibiting a defined signature is then labeled as a Potential Wetland Area (PWA), and a polygon to show the approximate location and extent of each area is shown on the exhibit.

The aerial slide review follows guidance from the NRCS 1998 wetland mapping conventions. These conventions require a review of various reference maps and interpretation of five (5) years of USDA-Farm Services Agency (FSA) aerial photographs to identify "wetland signatures". Images used were for designated years of approximate normal precipitation based on local precipitation data. If wetland signatures are identified in 3 or more of the 5 normal precipitation years reviewed (>50%), the area is considered a potential farmed wetland area (PWA).

Signatures that coincide with mapped USFWS National Wetland Inventory (NWI) wetlands count as 1 year. Any potential farmed wetlands identified during the desktop review process are then observed in those locations and further investigated on-site to determine if they met all required field indicator criteria to be designated as a farmed wetland. A final on-site investigation of the subject property was completed on 11.3.2023 to visually observe and document the PWA locations and obtain data as needed to determine if there are any farmed area meeting all wetland criteria within the subject parcel.

The Elgin National Weather Service precipitation recording station was selected as it is closest to the Subject Property: WETS STATION: ELGIN, IL F5295 FIPS# 17089 https://agacis.rcc-acis.org/?fips=17089 According to procedure the following five (5) recommended normal precipitation year slides and/or aerial photos were examined: **1999, 2002, 2004 (NRCS slides) and 2010, 2013 (**Google Earth) which recorded annual precipitation totals close to the average (37.25") for the period 1971-2012. Additional aerial photos were reviewed for reference, including a designated wet year (**2011** Google Earth) and for additional information, an additional recent wet year that have no designation but were known wet years (Google Earth **2018**). Each recorded totaled more than 50" of rainfall for the year.




WETS Table

WETS Station: ELGIN, IL

Requested years: 1971 - 2012

| Month | Avg Max Temp | Avg Min Temp | Avg Mean Temp | Avg Precip | 30% chance precip less than | 30% chance precip more than | Avg number days precip 0.10 or more | Avg Snowfall |
|---|---|---|---|---|---|---|---|---|
| Jan | 29.8 | 13.7 | 21.8 | 1.61 | 0.97 | 1.95 | 4 | 10.0 |
| Feb | 34.2 | 17.2 | 25.7 | 1.38 | 0.67 | 1.69 | 4 | 7.5 |
| Mar | 46.1 | 27.0 | 36.5 | 2.04 | 1.08 | 2.49 | 5 | 2.7 |
| Apr | 58.5 | 37.1 | 47.8 | 3.73 | 2.62 | 4.42 | 7 | 0.3 |
| May | 69.9 | 47.7 | 58.8 | 4.39 | 2.86 | 5.27 | 8 | 0.0 |
| Jun | 79.9 | 57.9 | 68.9 | 3.86 | 2.46 | 4.65 | 7 | 0.0 |
| Jul | 84.1 | 63.3 | 73.7 | 3.84 | 2.73 | 4.55 | 6 | 0.0 |
| Aug | 82.0 | 61.1 | 71.6 | 4.94 | 3.35 | 5.90 | 6 | 0.0 |
| Sep | 74.9 | 52.1 | 63.5 | 3.41 | 2.04 | 4.14 | 6 | 0.0 |
| Oct | 62.2 | 40.1 | 51.1 | 2.90 | 1.76 | 3.51 | 6 | 0.0 |
| Nov | 47.6 | 30.4 | 39.0 | 3.04 | 1.80 | 3.69 | 6 | 0.7 |
| Dec | 33.7 | 18.2 | 25.9 | 2.12 | 1.44 | 2.53 | 5 | 7.8 |
| Annual: | | | | | - | - | | |
| Average | 58.6 | 38.8 | 48.7 | - | - | - | - | - |
| Total | - | - | - | 37.25 | | | 70 | 29.0 |

GROWING SEASON DATES

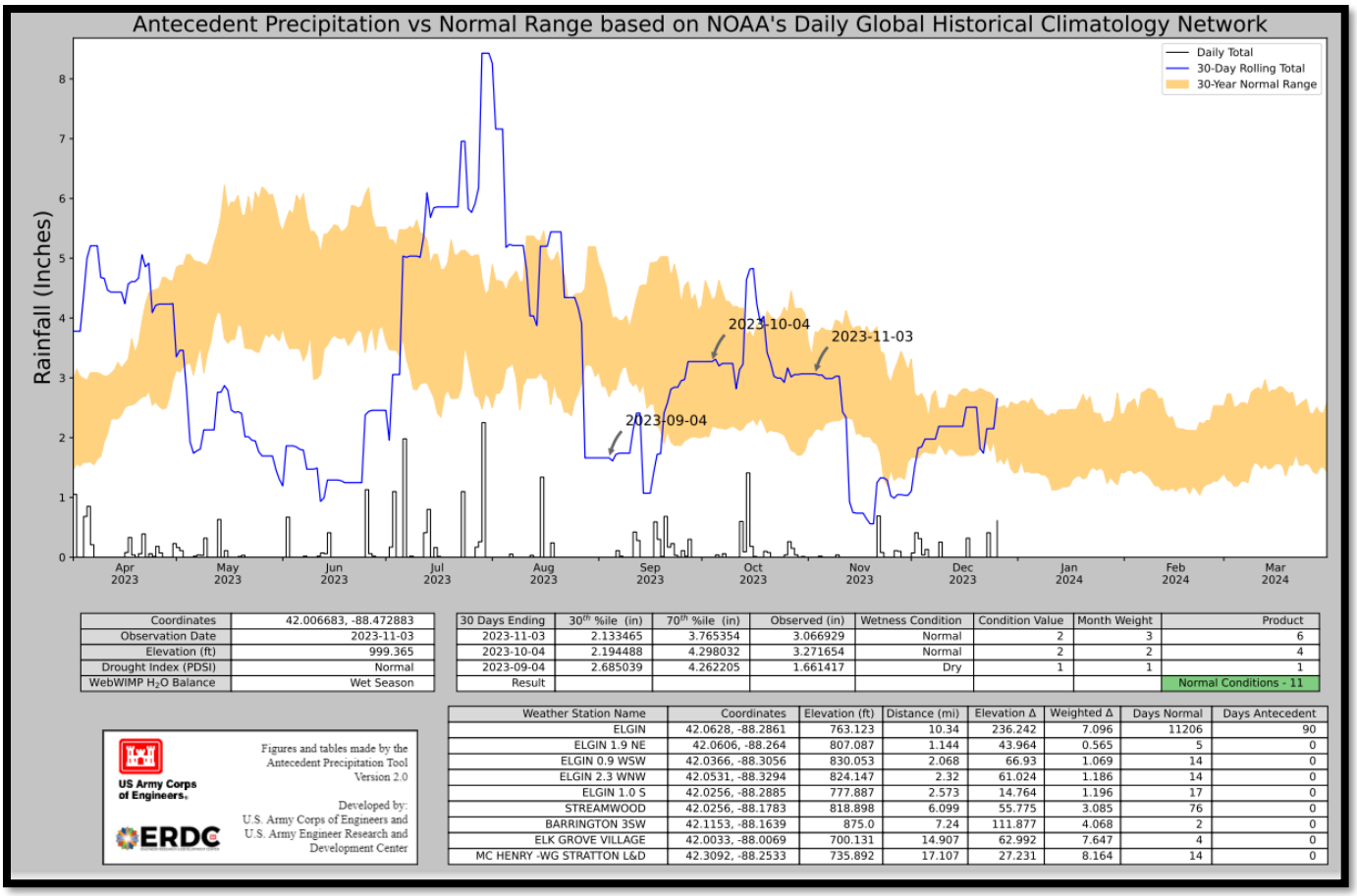
| | | | |
|---|---|---|---|
| Years with missing data: | 24 deg = 17 | 28 deg = 17 | 32 deg = 16 |
| Years with no occurrence: | 24 deg = 0 | 28 deg = 0 | 32 deg = 0 |
| Data years used: | 24 deg = 25 | 28 deg = 25 | 32 deg = 26 |
| Probability | 24 F or higher | 28 F or higher | 32 F or higher |
| 50 percent * | 4/1 to 11/12: 225 days | 4/13 to 10/25: 195 days | 4/27 to 10/13: 169 days |
| 70 percent * | 3/28 to 11/17: 234 days | 4/9 to 10/30: 204 days | 4/24 to 10/16: 175 days |

* Percent chance of the growing season occurring between the Beginning and Ending dates.

STATS TABLE - total precipitation (inches)

| Yr | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annl |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1995 | M3.27 | 0.08 | 2.40 | 5.82 | 5.35 | 1.71 | 4.62 | 5.18 | 1.90 | 5.11 | 4.14 | M0.65 | 40.23 |
| 1996 | M1.10 | 1.02 | 0.67 | 2.43 | 8.70 | 5.51 | 3.82 | 5.68 | 2.27 | 2.02 | M1.37 | 1.71 | 36.30 |
| 1997 | M0.60 | M5.62 | 2.04 | 1.64 | 5.57 | 2.80 | 1.52 | M4.73 | 1.98 | 2.26 | M1.33 | M1.29 | 31.38 |
| 1998 | 3.64 | 1.56 | 2.17 | 5.07 | 3.81 | 5.27 | 1.82 | 4.46 | 3.11 | 6.27 | 1.94 | 1.80 | 40.92 |
| 1999 | M3.04 | 1.44 | M0.23 | 8.53 | 3.38 | M6.51 | 3.68 | 1.80 | 5.01 | 1.31 | 0.63 | 2.30 | 37.86 |
| 2000 | M1.03 | M0.91 | 1.60 | 4.36 | 4.50 | 6.16 | 4.42 | 3.22 | 5.71 | 1.74 | 4.65 | 2.54 | 40.84 |
| 2001 | 1.43 | 2.73 | 1.18 | 3.42 | 4.24 | 3.86 | 1.19 | 4.13 | 6.00 | 7.53 | 1.93 | 1.49 | 39.13 |
| 2002 | 1.51 | M1.26 | 2.24 | 3.66 | 4.89 | 5.56 | 1.54 | 10.21 | 1.89 | 1.92 | 0.93 | 1.20 | 36.81 |
| 2003 | 0.37 | 0.20 | 1.49 | 2.35 | 8.46 | 1.58 | 3.53 | 2.07 | 1.80 | 1.92 | 5.46 | 2.85 | 32.08 |
| 2004 | 0.68 | 0.87 | 4.97 | 1.73 | 8.60 | 4.11 | 2.51 | 3.98 | 0.72 | 2.66 | 3.09 | 2.48 | 36.40 |
| 2005 | M3.03 | 1.71 | 0.94 | 2.62 | 2.51 | 0.46 | 1.39 | 3.71 | 2.01 | 0.78 | 2.71 | 1.00 | 22.87 |
| 2006 | 3.12 | 1.29 | 3.64 | 3.41 | 4.76 | 4.39 | 3.75 | 3.30 | 4.28 | 4.46 | 2.78 | 2.97 | 42.15 |
| 2007 | 1.75 | 1.89 | 3.40 | 3.91 | 2.52 | 2.93 | 5.91 | 15.69 | 0.77 | 3.28 | 1.01 | 3.20 | 46.26 |
| 2008 | 1.92 | 3.92 | 1.89 | 4.53 | 3.84 | 4.45 | 4.31 | 3.74 | 11.48 | 2.41 | 1.17 | 5.22 | 48.88 |
| 2009 | 1.17 | 2.45 | 5.08 | 5.31 | 4.18 | 6.17 | 2.44 | 6.57 | 0.70 | 5.85 | 1.69 | 3.78 | 45.39 |
| 2010 | 1.20 | 1.29 | M0.29 | M2.92 | 6.12 | 4.21 | 8.98 | 2.84 | 4.05 | M0.58 | M1.21 | M1.43 | 35.12 |
| 2011 | M1.21 | 3.27 | 2.73 | M5.62 | 8.22 | M4.45 | M5.76 | M6.27 | M4.49 | M1.76 | M4.14 | M3.08 | 51.00 |
| 2012 | 1.42 | M0.76 | 1.82 | 3.13 | 1.57 | 2.66 | 2.75 | 2.81 | 2.09 | 4.03 | 0.69 | 2.77 | 26.50 |
| 2013 | 3.51 | 3.01 | 2.19 | 7.42 | 2.96 | 3.86 | 3.00 | 2.70 | 4.02 | 1.79 | 3.17 | M1.14 | 38.77 |
| 2014 | 2.18 | 1.81 | 1.31 | 2.72 | M5.46 | 5.89 | 4.02 | 6.77 | 3.30 | 2.97 | 1.39 | 1.19 | 39.01 |
| 2015 | 1.56 | 1.45 | 1.28 | 3.14 | 5.18 | M8.35 | 5.74 | 3.10 | 5.48 | 1.39 | 4.81 | M5.50 | 46.98 |
| 2016 | M0.34 | 1.14 | 3.30 | 3.04 | 6.49 | 3.86 | 4.59 | 3.58 | 2.24 | 3.58 | 2.38 | 1.85 | 36.39 |
| 2017 | M2.83 | 0.90 | 4.94 | 4.57 | 5.48 | 5.45 | 9.69 | 2.14 | 0.58 | 7.78 | 1.92 | 0.90 | 47.18 |
| 2018 | 1.28 | 4.67 | 1.51 | 2.06 | 9.79 | 9.21 | 2.77 | 5.81 | 3.84 | 5.44 | M3.20 | 2.06 | 51.64 |
| 2019 | 2.97 | M3.41 | 2.32 | 4.69 | 8.76 | 3.74 | 3.30 | 3.23 | 8.89 | 5.90 | 1.95 | 2.02 | 51.18 |
| 2020 | 2.76 | 0.68 | 3.69 | 5.06 | 8.90 | 5.44 | 4.21 | 0.70 | 5.47 | 3.42 | M2.11 | M2.01 | 44.45 |
| 2021 | 1.78 | 1.07 | 1.28 | 1.13 | 1.76 | 5.68 | 1.09 | 3.94 | 1.48 | M7.02 | 0.83 | M2.36 | 29.42 |
| 2022 | M0.62 | M2.30 | 3.28 | M3.67 | 5.73 | 2.74 | 9.30 | 5.76 | 2.43 | M1.81 | 1.01 | 2.17 | 40.82 |
| 2023 | 2.67 | 4.20 | 2.82 | M4.01 | | | | | | | | | 13.70 |

An Antecedent Precipitation Tool (APT) graphic printout is provided below showing the calculated 30-year-average rainfall conditions at the location of the study site for comparison with the field investigation date. The results show that normal conditions were present on the date of the field reconnaissance.




| | |
|---|---|
| Coordinates | 42.006683, -88.472883 |
| Observation Date | 2023-11-03 |
| Elevation (ft) | 999.365 |
| Drought Index (PDSI) | Normal |
| WebWIMP $H_2O$ Balance | Wet Season |

| 30 Days Ending | 30th %ile (in) | 70th %ile (in) | Observed (in) | Wetness Condition | Condition Value | Month Weight | Product |
|---|---|---|---|---|---|---|---|
| 2023-11-03 | 2.133465 | 3.765354 | 3.066929 | Normal | 2 | 3 | 6 |
| 2023-10-04 | 2.194488 | 4.298032 | 3.271654 | Normal | 2 | 2 | 4 |
| 2023-09-04 | 2.685039 | 4.262205 | 1.661417 | Dry | 1 | 1 | 1 |
| Result | | | | | | | Normal Conditions - 11 |

US Army Corps of Engineers

ERDC

Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Developed by: U.S. Army Corps of Engineers and U.S. Army Engineer Research and Development Center

| Weather Station Name | Coordinates | Elevation (ft) | Distance (mi) | Elevation Δ | Weighted Δ | Days Normal | Days Antecedent |
|---|---|---|---|---|---|---|---|
| ELGIN | 42.0628, -88.2861 | 763.123 | 10.34 | 236.242 | 7.096 | 11206 | 90 |
| ELGIN 1.9 NE | 42.0606, -88.264 | 807.087 | 1.144 | 43.964 | 0.565 | 5 | 0 |
| ELGIN 0.9 WSW | 42.0366, -88.3056 | 830.053 | 2.068 | 66.93 | 1.069 | 14 | 0 |
| ELGIN 2.3 WNW | 42.0531, -88.3294 | 824.147 | 2.32 | 61.024 | 1.186 | 14 | 0 |
| ELGIN 1.0 S | 42.0256, -88.2885 | 777.887 | 2.573 | 14.764 | 1.196 | 17 | 0 |
| STREAMWOOD | 42.0256, -88.1783 | 818.898 | 6.099 | 55.775 | 3.085 | 76 | 0 |
| BARRINGTON 3SW | 42.1153, -88.1639 | 875.0 | 7.24 | 111.877 | 4.068 | 2 | 0 |
| ELK GROVE VILLAGE | 42.0033, -88.0069 | 700.131 | 14.907 | 62.992 | 7.647 | 4 | 0 |
| MC HENRY -WG STRATTON L&D | 42.3092, -88.2533 | 735.892 | 17.107 | 27.231 | 8.164 | 14 | 0 |

## FARMED WETLAND DETERMINATION RESULTS

Following a review of reference "wet" precipitation years and "normal" precipitation aerial photos and slides, a total of two (4) potential water feature signatures were identified at various locations on the subject property. These include all farmed depressions, erosion features, exposed channels/overland drainage flow routes, and features where inundation was apparent, or where crop damage was visible at the time the image was taken.

Other materials and available resource maps were also reviewed as shown in Table 1 below. A final on-site investigation of the subject property was completed on 11.3.2023 to visually observe and document the PWA locations and obtain data as needed to determine if there are any farmed areas meeting all wetland criteria within the subject parcel.

**Table 1. Existing Data Sources Summary**

| Exhibit | Title of data source | Potential Wetland(s) and/or hydric soils indicated | Comments |
|---|---|---|---|
| 1 | Location Map | N/A | ---------- |
| 2 | NWI Map | YES | One pond and<br>Three riverine areas shown |
| 3 | NRCS Soils Map | YES | 356A – El Paso silty clay loam<br>Hydric soils present |
| 4 | FEMA-FIRM | YES | Mapped Floodplain present associated with two (2) Bowes Creek tributaries |
| 5/6 | Kane Co. Resource Maps (topography, stormwater, ADID) | YES | Depressional / low areas, overland flow routes, swale<br><br>Mapped Wetland Present |
| 7 | Aerial Photographs and NRCS Slides | YES | One dark signature, saturation or inundation, three erosion features |

All referenced normal precipitation year slides were then examined and resulting water features identified were indicated on aerial photographs included in Appendix A, Exhibit 8.

Each water feature signature was evaluated year-by-year and results are summarized in Table 2.

| Year | **Table 2. Precipitation and Slide Analysis Summary** Spectral Signature of Potential Wetland Areas (PWA) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **1** | **2** | **3** | **4** | | | | | | | | |
| 1999 | | | | | | | | | | | | |
| 2002 | X | | X | X | | | | | | | | |
| 2004 | | | | | | | | | | | | |
| 2010 | | | | | | | | | | | | |
| 2013 | | | | | | | | | | | | |
| *2011W / *2018W | X | X | X | | | | | | | | | |
| NWI | | X | | | | | | | | | | |
| **Total** | 1 | 1 | 1 | 1 | | | | | | | | |

X = Crop Damage or other signature

**Note: WET YEARS 2018 & 2011 aerial photo for reference only, not included toward Total*

A total of two potential drainage paths or other erosional features (#1, and #3 above) were identified on the 2002 NORMAL reference slide. These were not present on any other normal reference slide nor on the NWI map. Wet depression #4 was also identified on the 2002 NORMAL reference slide, but not present on any other normal reference slide or on the NWI map. An additional potential drainage path or other erosional feature (#2 above) was identified on the WET reference slides only 2011 and 2018. This signature was not present on any other normal precipitation reference slides but was shown on the NWI map.

The farmed wetland determination results are depicted on Exhibit 6. Of the three (3) water features noted during wet years, there were no potential farmed wetland areas that were identified during this investigation that exhibited spectral signatures in three or more normal years on active agricultural (cropped/tilled) land. Of the four (4) total water features identified, three (3) were depicted on the 2002 Normal Year aerial, and one (1) farmed wetland area was shown on the NWI map.

None of the potential wetland areas identified exhibited spectral signatures in a majority of normal years to qualify as a regulated farmed wetland. The following spectral signatures/responses were noted in making this determination:

- Signature Area "1": Linear feature. Signature present in 1 of the 5 years of normal precipitation. The area did not appear in 4 of 5 normal precipitation years. The wetland was not identified on the NWI map. Therefore, Area "1" is not considered a potential farmed wetland.

- Signature Area "2": Linear feature. Signature present in 0 of the 5 years of normal precipitation. The area did not appear in 5 of 5 normal precipitation years but was depicted on the NWI map. Therefore, Area "2" is not considered a farmed wetland.
- Signature Area "3": Linear feature. Signature present in 1 of the 5 years of normal precipitation. The area did not appear in 4 of 5 normal precipitation years. The wetland was not identified on the NWI map. Therefore, Area "3" is not considered a potential farmed wetland.
- Signature Area "4": Intermediate depression. Crop damage is present in 1 of the 5 years of normal precipitation. The area did not appear in 4 of 5 normal precipitation years and was not depicted on the NWI map. Therefore, Area "4" is not considered a farmed wetland.

## FARMED WETLAND SUMMARY

There were no regulatory farmed wetland areas identified on the subject property that meet all wetland criteria. This was confirmed during the on-site investigation on 11.3.2023.

The linear features (PWA-1, PWA-2, PWA-3) showing signatures of erosion or potential flow paths during 2002 Normal Year and/or on wet year aerial photos appear to be subject to flash inundation, forming overland flow paths during heavy precipitation / flood events only. These areas appear to be effectively drained by active agricultural field tiles (or other means of infiltration) during periods of normal precipitation or after a short duration or moderate intensity event. These areas observed during the field reconnaissance were on the sides of hill slopes, and subject to moderate to high erosion.

The single depressional area identified on site (PWA-4) showing signatures of potential inundation during 2002 Normal Year and/or on wet year aerial photos appears to be subject to periodic inundation adjacent to the low area near the road. A culvert was observed under IL Route 47 at this location during the field reconnaissance, and historically may be subject to periodic backup flooding following heavy precipitation / flood events. The area appears to be effectively drained by the roadside culvert during periods of normal precipitation or after a short duration or moderate intensity event.

==========

The reference materials used to assist in the final wetland investigation and farmed wetland assessment are included in Appendix A. This report is based on available source materials for the subject property and on our understanding of current federal, state, and local regulations.

# APPENDIX A

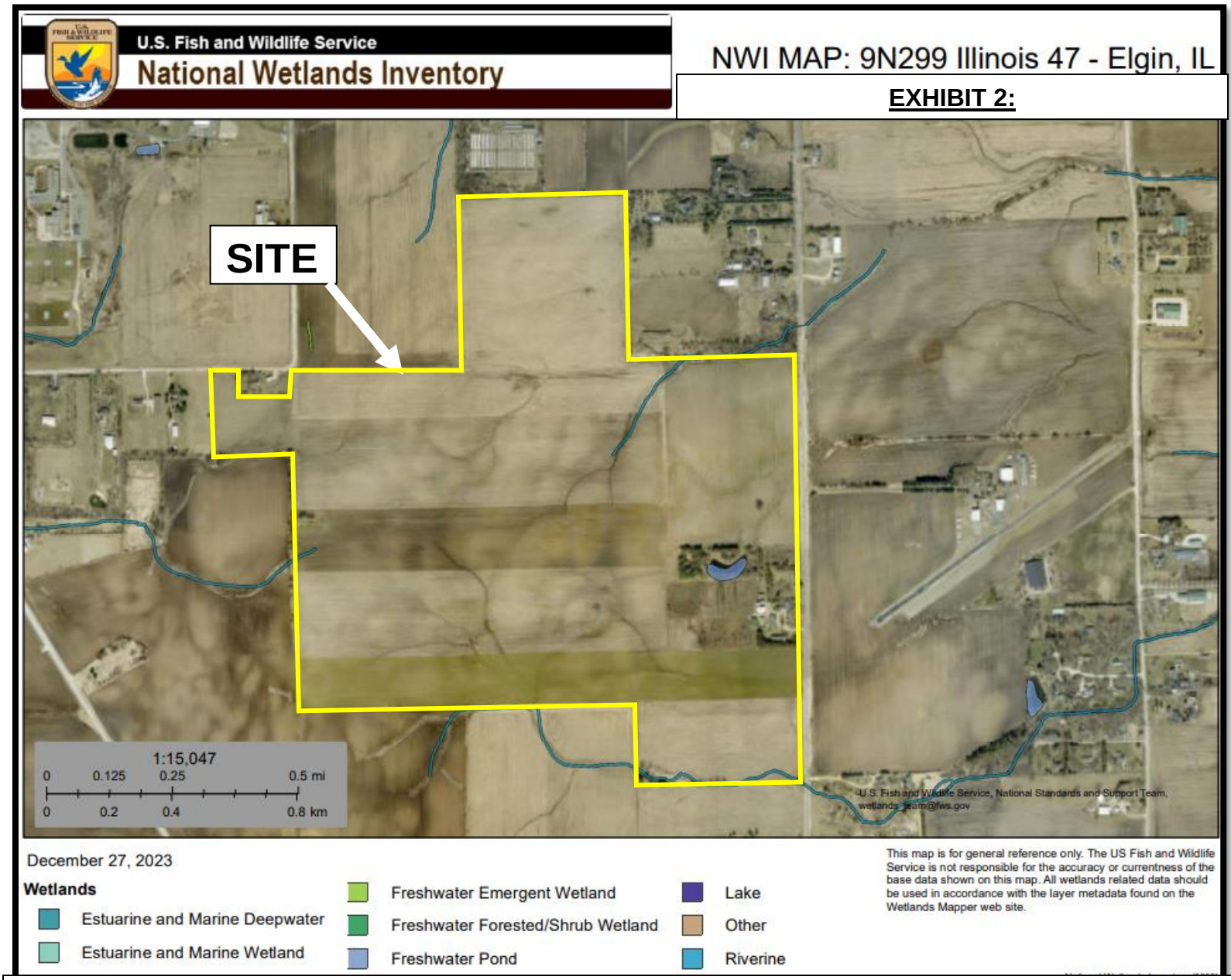
## EXHIBITS 1-10




**EXHIBIT 1:** ***Location Map***

**± 306.49 ACRE PROPERTY**
**PLATO TOWNSHIP - KANE COUNTY**
***Latitude 42.006683 °N Longitude -88.472883 °W***

DKES inc.




## Classification code: PUBHx

System **Palustrine (P)**: The Palustrine System includes all nontidal wetlands dominated by trees, shrubs, persistent emergents, emergent mosses or lichens, and all such wetlands that occur in tidal areas where salinity due to ocean-derived salts is below 0.5 ppt. It also includes wetlands lacking such vegetation, but with all of the following four characteristics: (1) area less than 8 ha (20 acres); (2) active wave-formed or bedrock shoreline features lacking; (3) water depth in the deepest part of basin less than 2.5 m (8.2 ft) at low water; and (4) salinity due to ocean-derived salts less than 0.5 ppt.

Class **Unconsolidated Bottom (UB)**: Includes all wetlands and deepwater habitats with at least 25% cover of particles smaller than stones (less than 6-7 cm), and a vegetative cover less than 30%.

Water Regime **Permanently Flooded (H)**: Water covers the substrate throughout the year in all years.

Special Modifier **Excavated (x)**: This Modifier is used to identify wetland basins or channels that were excavated by humans.

## Classification code: R4SBC

System **Riverine (R)**: The Riverine System includes all wetlands and deepwater habitats contained within a channel, with two exceptions:
(1) wetlands dominated by trees, shrubs, persistent emergents, emergent mosses, or lichens, and (2) habitats with water containing ocean-derived salts of 0.5 ppt or greater. A channel is an open conduit either naturally or artificially created which periodically or continuously contains moving water, or which forms a connecting link between two bodies of standing water.

Subsystem **Intermittent (4)**: This Subsystem includes channels that contain flowing water only part of the year. When the water is not flowing, it may remain in isolated pools or surface water may be absent.

Class **Streambed (SB)**: Includes all wetlands contained within the Intermittent Subsystem of the Riverine System and all channels of the Estuarine System or of the Tidal Subsystem of the Riverine System that are completely dewatered at low tide.

Water Regime **Seasonally Flooded (C)**: Surface water is present for extended periods especially early in the growing season but is absent by the end of the growing season in most years. The water table after flooding ceases is variable, extending from saturated to the surface to a water table well below the ground surface.

**EXHIBIT 3: NRCS SOIL SURVEY / hydric soils**

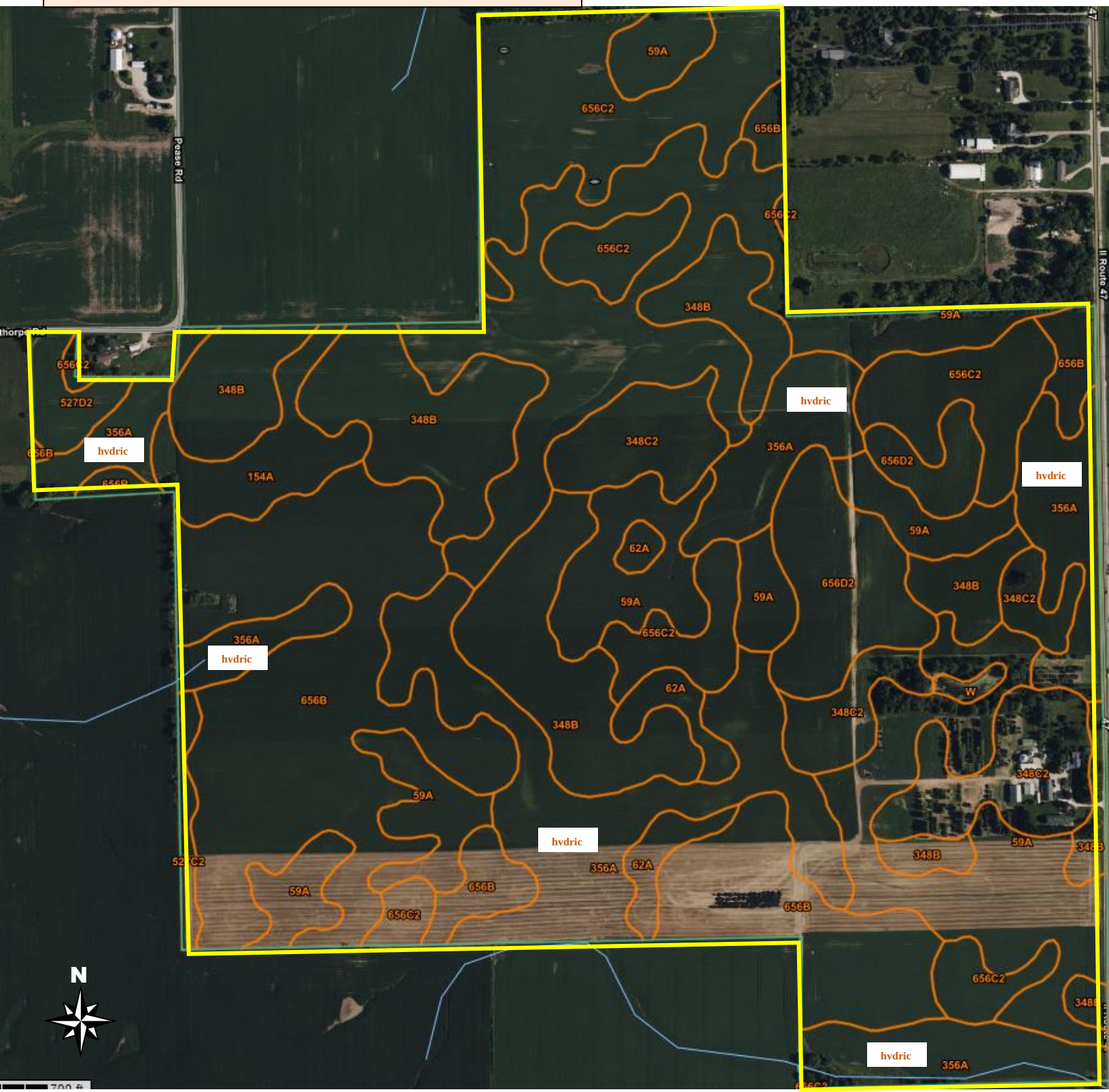
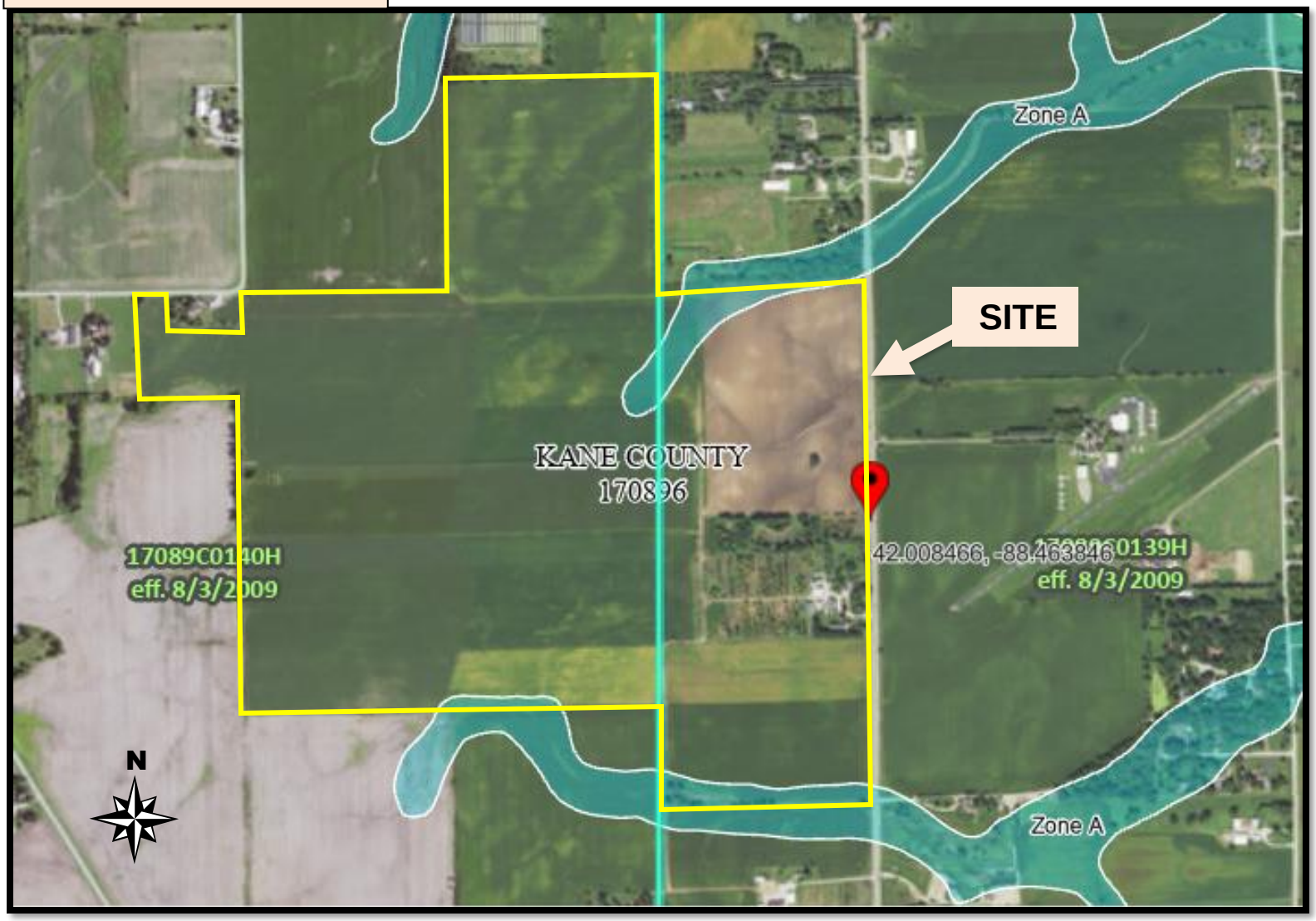


**EXHIBIT 4: FEMA MAP**




PIN
- Approximate location based on user input and does not represent an authoritative property location

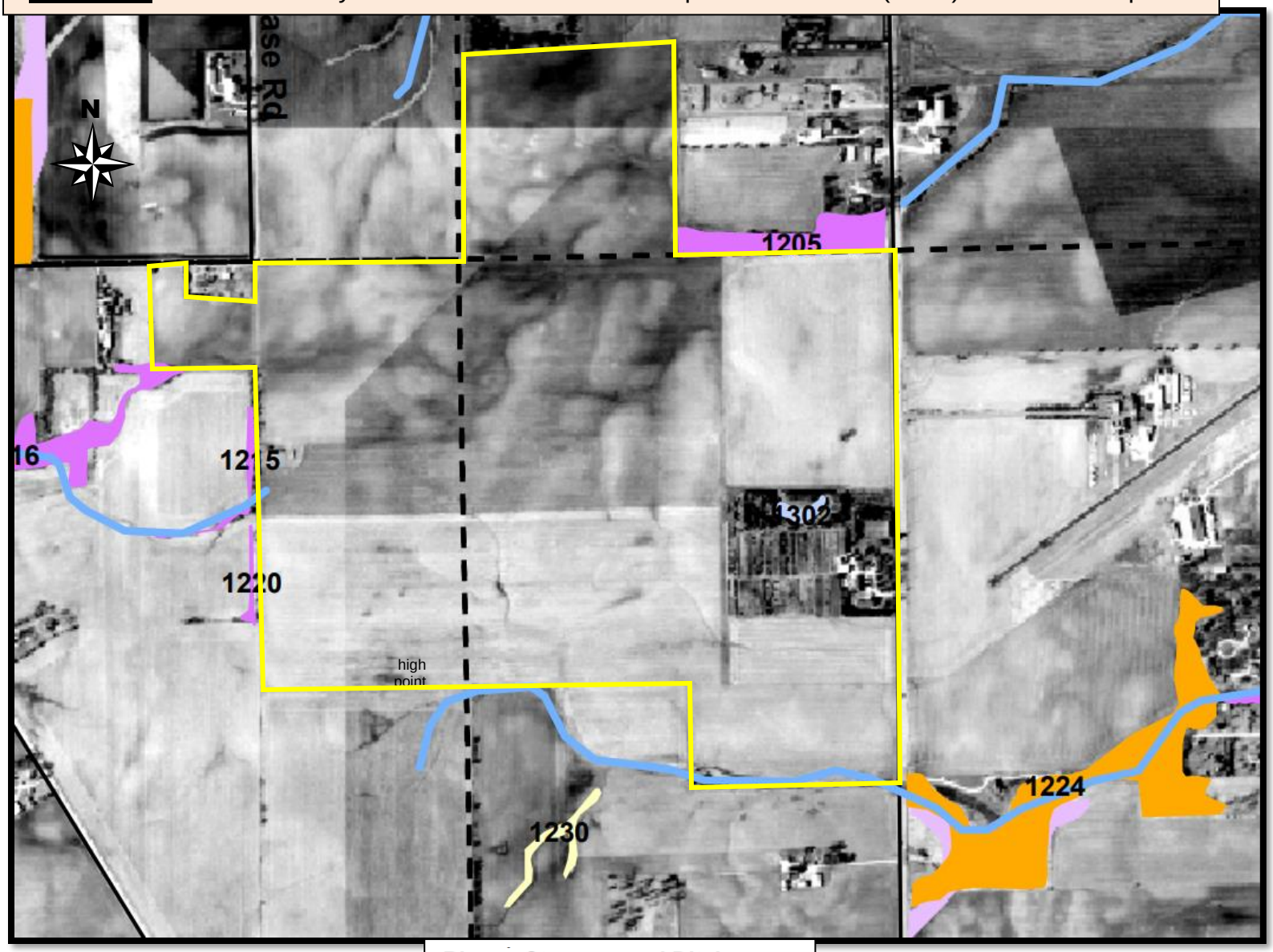
MAP PANELS
- Selected FloodMap Boundary
- Digital Data Available
- No Digital Data Available
- Unmapped

OTHER AREAS
- NO SCREEN — Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*
- Otherwise Protected Area
- Coastal Barrier Resource System Area

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth
- Regulatory Floodway *Zone AE, AO, AH, VE, AR*

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

**EXHIBIT 5:** Kane County Advanced Identification of Aquatic Resources (ADID) Plato Township




**Rivers, Streams, and Ditches**
**Biological Stream Characterization**
- High Quality
- C,D, and E Quality
- Unrated

**Wetland Type**
- High Habitat Value
- High Functional Value
- Wetland
- Natural Open Water and Fox River
- Artificial Ponds
- ADID Farmed Wetlands
- Islands
- Fens
- NRCS Farmed Wetlands

**EXHIBIT 6:** **STORMWATER/WATERSHED MAP - Potential Flood Areas**

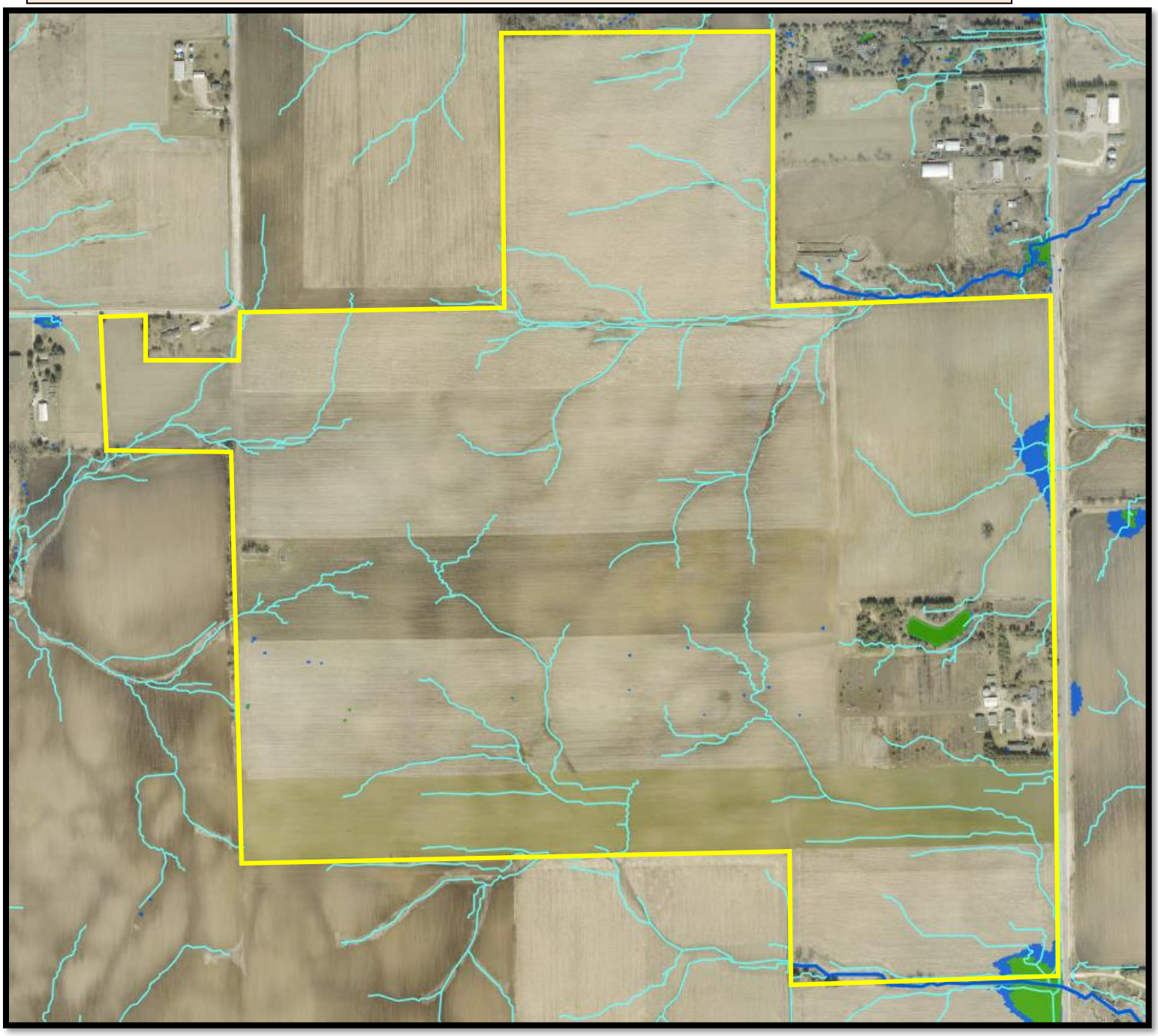


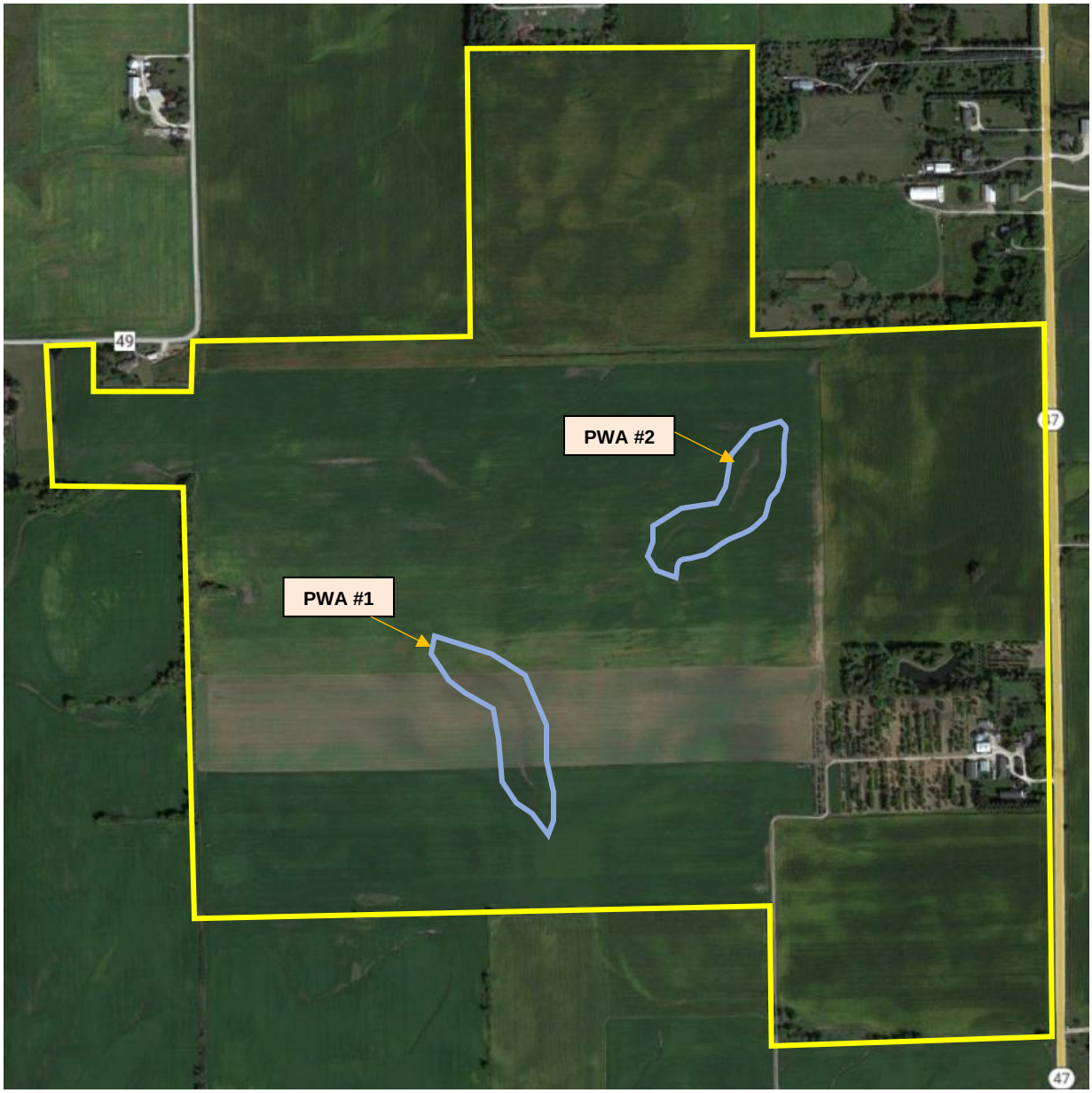
**EXHIBIT 7:** **Final Wetland Delineation**
**Approximate Boundaries and Data Point Locations**



# EXHIBIT 8

## FARMED WETLAND
## AERIAL PHOTOGAPHS REVIEWED

POTENTIAL FARMED WETLAND AREAS:
ALL WATER FEATURE SIGNATURES – WET YEAR 2018




(Google Maps) 2018 (REFERENCE – wet year) Erosion features #1 and #2

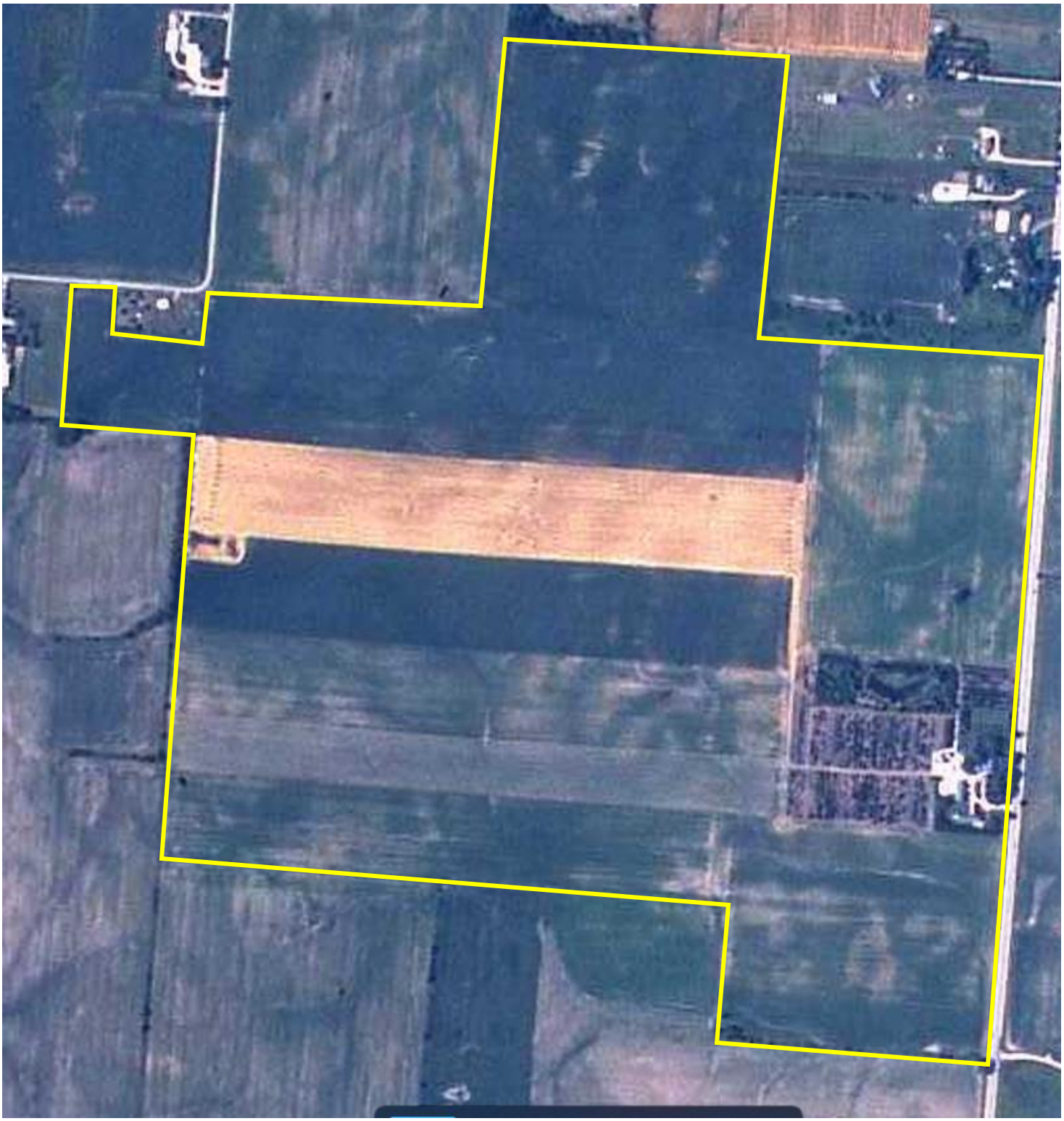
POTENTIAL FARMED WETLAND AREAS:
ALL WATER FEATURE SIGNATURES – WET YEAR 2011



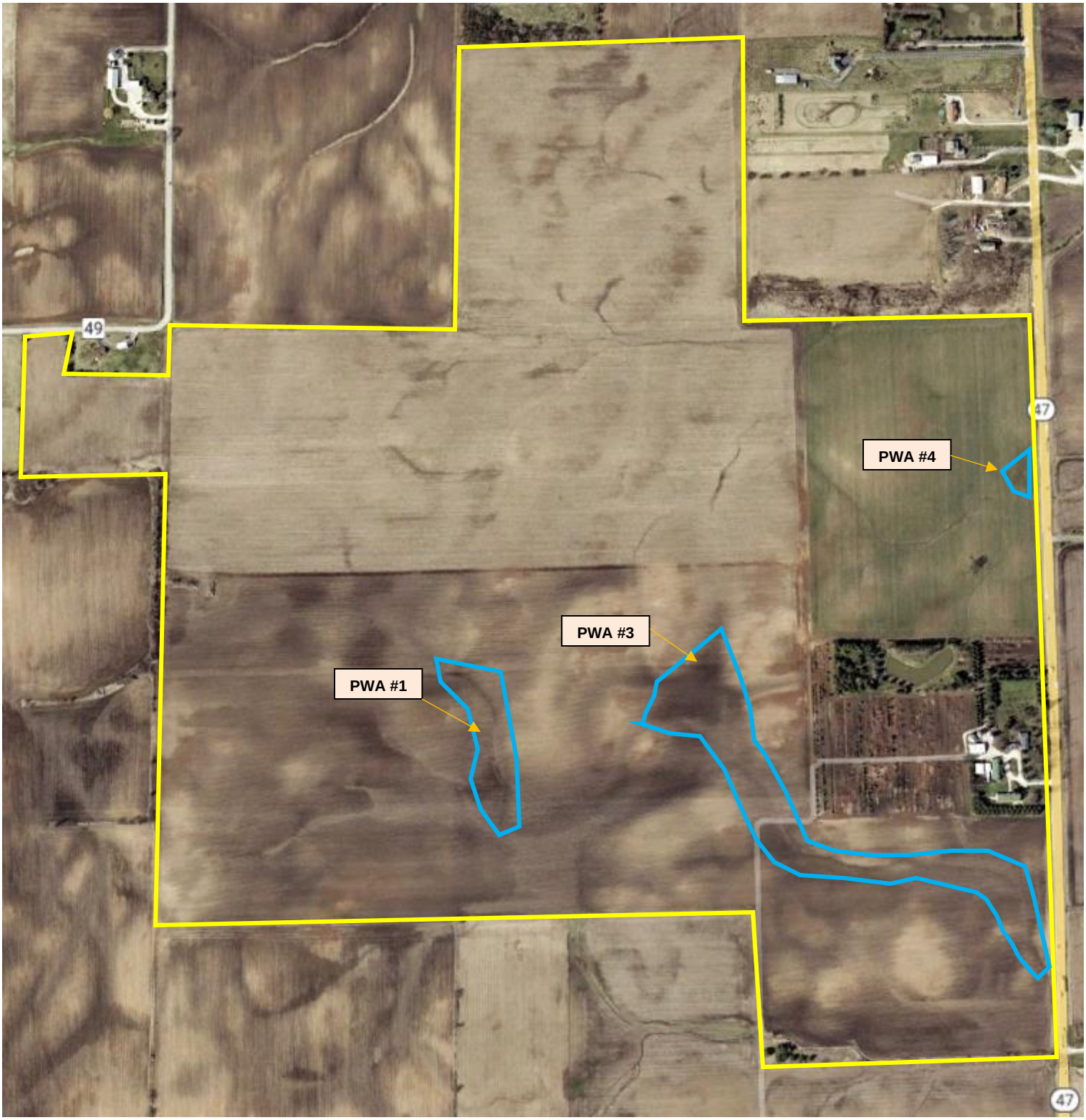

NRCS slide year 2011 (REFERENCE - wet)

Erosion features #1, #2 and #3

NORMAL PRECIPITATION YEARS REVIEWED



1999 - normal

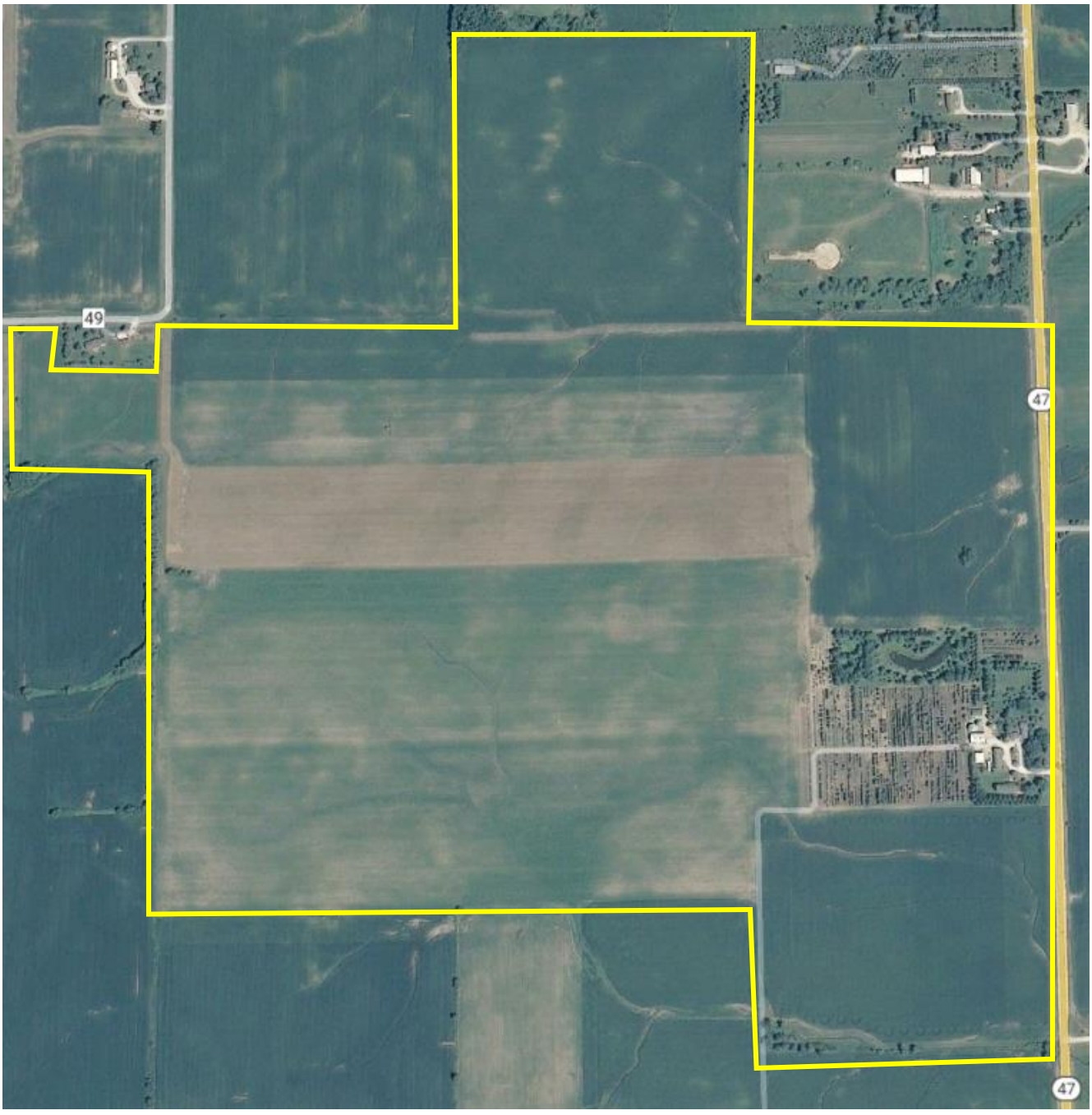



2002 – normal

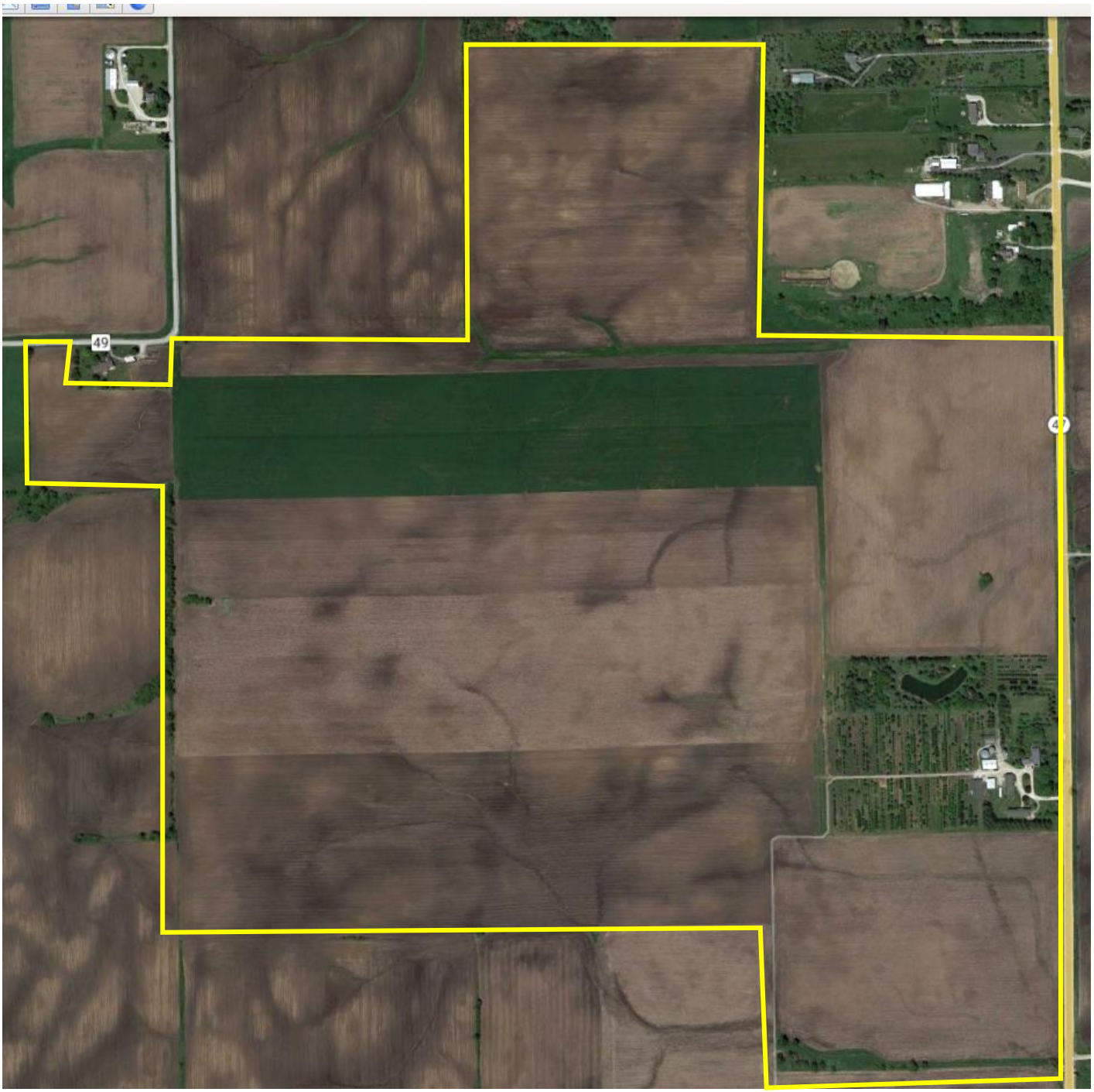
Erosion features #1 and #3, depressional area #4




2004 - normal




2010 - normal




2013 - normal

# EXHIBIT 9

USACE DATA FORMS (*11.03.23 site investigation*)

## WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: MAAS FARM | City/County: Plato Twp. / KANE CO | Sampling Date: 11.3.2023

Applicant/Owner: CUSD 301 | State: IL | Sampling Point: 1a

Investigator(s): D. KRILL | Section, Township, Range: NW 29-41-7

Landform (hillslope, terrace, etc.): channel | Local relief (concave, convex, none): concave

Slope (%): 1-2 | Lat: 42.003021 | Long: -88.465542 | Datum: n/a

Soil Map Unit Name: 356A—Elpaso silty clay loam, 0 to 2 percent slopes | NWI classification: R4SBC

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ___ (If no, explain in Remarks.)

Are Vegetation ___, Soil ___, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

### SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

| | | | |
|---|---|---|---|
| Hydrophytic Vegetation Present? | Yes X | No ___ | **Is the Sampled Area within a Wetland?** Yes X No ___ |
| Hydric Soil Present? | Yes X | No ___ | |
| Wetland Hydrology Present? | Yes X | No ___ | |

Remarks:

### VEGETATION – Use scientific names of plants.

| Tree Stratum (Plot size: ___) | Absolute % Cover | Dominant Species? | Indicator Status |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Sapling/Shrub Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Herb Stratum** (Plot size: ___) | | | |
| 1. Phalaris arundinacea | 50 | Y | FACW |
| 2. Epilobeum coloratum | 20 | Y | OBL |
| 3. Verbena hastata | 20 | Y | FACW |
| 4. Helianthus grosseserratus | 5 | N | FACW |
| 5. Conium maculatum | 5 | N | FACW |
| 6. | | | |
| 7. | | | |
| 8. | | | |
| 9. | | | |
| 10. | | | |
| | 100 = Total Cover | | |
| **Woody Vine Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| | = Total Cover | | |

**Dominance Test worksheet:**

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

**Prevalence Index worksheet:**

| Total % Cover of: | Multiply by: |
|---|---|
| OBL species | x 1 = |
| FACW species | x 2 = |
| FAC species | x 3 = |
| FACU species | x 4 = |
| UPL species | x 5 = |
| Column Totals: (A) | (B) |

Prevalence Index = B/A = ___

**Hydrophytic Vegetation Indicators:**

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

**Hydrophytic Vegetation Present?** Yes X No ___

Remarks: (Include photo numbers here or on a separate sheet.)

US Army Corps of Engineers | Midwest Region – Version 2.0

## SOIL

Sampling Point: 1a

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

| Depth (inches) | Matrix Color (moist) | % | Redox Features Color (moist) | % | Type[1] | Loc[2] | Texture | Remarks |
|---|---|---|---|---|---|---|---|---|
| 0-24 | 10YR 6/1 | 80 | 10YR 5/6 | 20 | C | M | scl | |

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

**Hydric Soil Indicators:**

- [ ] Histosol (A1)
- [ ] Histic Epipedon (A2)
- [ ] Black Histic (A3)
- [ ] Hydrogen Sulfide (A4)
- [ ] Stratified Layers (A5)
- [ ] 2 cm Muck (A10)
- [ ] Depleted Below Dark Surface (A11)
- [x] Thick Dark Surface (A12)
- [ ] Sandy Mucky Mineral (S1)
- [ ] 5 cm Mucky Peat or Peat (S3)
- [ ] Sandy Gleyed Matrix (S4)
- [ ] Sandy Redox (S5)
- [ ] Stripped Matrix (S6)
- [ ] Loamy Mucky Mineral (F1)
- [ ] Loamy Gleyed Matrix (F2)
- [ ] Depleted Matrix (F3)
- [x] Redox Dark Surface (F6)
- [ ] Depleted Dark Surface (F7)
- [ ] Redox Depressions (F8)

**Indicators for Problematic Hydric Soils[3]:**

- [ ] Coast Prairie Redox (A16)
- [ ] Dark Surface (S7)
- [ ] Iron-Manganese Masses (F12)
- [ ] Very Shallow Dark Surface (TF12)
- [ ] Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type:

Depth (inches):

**Hydric Soil Present?** Yes [x] No [ ]

Remarks:

## HYDROLOGY

**Wetland Hydrology Indicators:**

Primary Indicators (minimum of one is required; check all that apply)

- [ ] Surface Water (A1)
- [ ] High Water Table (A2)
- [x] Saturation (A3)
- [x] Water Marks (B1)
- [x] Sediment Deposits (B2)
- [ ] Drift Deposits (B3)
- [ ] Algal Mat or Crust (B4)
- [ ] Iron Deposits (B5)
- [ ] Inundation Visible on Aerial Imagery (B7)
- [ ] Sparsely Vegetated Concave Surface (B8)
- [ ] Water-Stained Leaves (B9)
- [ ] Aquatic Fauna (B13)
- [ ] True Aquatic Plants (B14)
- [ ] Hydrogen Sulfide Odor (C1)
- [ ] Oxidized Rhizospheres on Living Roots (C3)
- [ ] Presence of Reduced Iron (C4)
- [ ] Recent Iron Reduction in Tilled Soils (C6)
- [ ] Thin Muck Surface (C7)
- [ ] Gauge or Well Data (D9)
- [ ] Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- [ ] Surface Soil Cracks (B6)
- [x] Drainage Patterns (B10)
- [ ] Dry-Season Water Table (C2)
- [ ] Crayfish Burrows (C8)
- [ ] Saturation Visible on Aerial Imagery (C9)
- [ ] Stunted or Stressed Plants (D1)
- [x] Geomorphic Position (D2)
- [x] FAC-Neutral Test (D5)

**Field Observations:**

Surface Water Present? Yes [ ] No [x] Depth (inches):

Water Table Present? Yes [ ] No [x] Depth (inches):

Saturation Present? (includes capillary fringe) Yes [x] No [ ] Depth (inches): at surface

**Wetland Hydrology Present?** Yes [x] No [ ]

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

channel flow path

observed active field tile re-directing overland flow (low flow) to NE at approx. mid-point of channel

US Army Corps of Engineers Midwest Region – Version 2.0

## WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: MAAS FARM | City/County: Plato Twp. / KANE CO | Sampling Date: 11.3.2023

Applicant/Owner: CUSD 301 | State: IL | Sampling Point: 1b

Investigator(s): D. KRILL | Section, Township, Range: NW 29-41-7

Landform (hillslope, terrace, etc.): riparian terrace | Local relief (concave, convex, none): flat/convex

Slope (%): 2 | Lat: 42.003810 | Long: -88.465640 | Datum: n/a

Soil Map Unit Name: 356A—El Paso silty clay loam, 0 to 2 percent slopes | NWI classification:

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ___ (If no, explain in Remarks.)

Are Vegetation ___, Soil ___, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

### SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

| | | | |
|---|---|---|---|
| Hydrophytic Vegetation Present? | Yes ___ | No X | |
| Hydric Soil Present? | Yes X | No ___ | Is the Sampled Area within a Wetland? Yes ___ No X |
| Wetland Hydrology Present? | Yes ___ | No X | |

Remarks:

### VEGETATION – Use scientific names of plants.

| Tree Stratum (Plot size: ___) | Absolute % Cover | Dominant Species? | Indicator Status |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Sapling/Shrub Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Herb Stratum** (Plot size: ___) | | | |
| 1. Bromus inermis | 60 | Y | FACU |
| 2. Phalaris arundinacea | 30 | Y | FACW |
| 3. Ambrosia trifida | 5 | N | FAC |
| 4. Conium maculatum | 5 | N | FACW |
| 5. | | | |
| 6. | | | |
| 7. | | | |
| 8. | | | |
| 9. | | | |
| 10. | | | |
| | 100 = Total Cover | | |
| **Woody Vine Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| | = Total Cover | | |

**Dominance Test worksheet:**

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)

**Prevalence Index worksheet:**

| Total % Cover of: | | Multiply by: | |
|---|---|---|---|
| OBL species | | x 1 = | |
| FACW species | 35 | x 2 = | 70 |
| FAC species | 5 | x 3 = | 15 |
| FACU species | 60 | x 4 = | 240 |
| UPL species | | x 5 = | |
| Column Totals: | 100 (A) | | 325 (B) |

Prevalence Index = B/A = 3.25

**Hydrophytic Vegetation Indicators:**

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

**Hydrophytic Vegetation Present?** Yes ___ No X

Remarks: (Include photo numbers here or on a separate sheet.)

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## SOIL

Sampling Point: 1b

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

| Depth (inches) | Matrix Color (moist) | Matrix % | Redox Features Color (moist) | Redox Features % | Redox Features Type[1] | Redox Features Loc[2] | Texture | Remarks |
|---|---|---|---|---|---|---|---|---|
| 0-8 | 10YR 2/1 | 100 | | | | | silt loam | |
| 8-24 | 10YR 3/1 | 100 | | | | | silt loam | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

**Hydric Soil Indicators:**

- [ ] Histosol (A1)
- [ ] Histic Epipedon (A2)
- [ ] Black Histic (A3)
- [ ] Hydrogen Sulfide (A4)
- [ ] Stratified Layers (A5)
- [ ] 2 cm Muck (A10)
- [ ] Depleted Below Dark Surface (A11)
- [ ] Thick Dark Surface (A12)
- [ ] Sandy Mucky Mineral (S1)
- [ ] 5 cm Mucky Peat or Peat (S3)
- [ ] Sandy Gleyed Matrix (S4)
- [ ] Sandy Redox (S5)
- [ ] Stripped Matrix (S6)
- [ ] Loamy Mucky Mineral (F1)
- [ ] Loamy Gleyed Matrix (F2)
- [ ] Depleted Matrix (F3)
- [ ] Redox Dark Surface (F6)
- [ ] Depleted Dark Surface (F7)
- [ ] Redox Depressions (F8)

**Indicators for Problematic Hydric Soils[3]:**

- [ ] Coast Prairie Redox (A16)
- [ ] Dark Surface (S7)
- [ ] Iron-Manganese Masses (F12)
- [ ] Very Shallow Dark Surface (TF12)
- [ ] Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: _____

Depth (inches): _____

**Hydric Soil Present?** Yes [X] No [ ]

Remarks:

## HYDROLOGY

**Wetland Hydrology Indicators:**

Primary Indicators (minimum of one is required; check all that apply)

- [ ] Surface Water (A1)
- [ ] High Water Table (A2)
- [ ] Saturation (A3)
- [ ] Water Marks (B1)
- [ ] Sediment Deposits (B2)
- [ ] Drift Deposits (B3)
- [ ] Algal Mat or Crust (B4)
- [ ] Iron Deposits (B5)
- [ ] Inundation Visible on Aerial Imagery (B7)
- [ ] Sparsely Vegetated Concave Surface (B8)
- [ ] Water-Stained Leaves (B9)
- [ ] Aquatic Fauna (B13)
- [ ] True Aquatic Plants (B14)
- [ ] Hydrogen Sulfide Odor (C1)
- [ ] Oxidized Rhizospheres on Living Roots (C3)
- [ ] Presence of Reduced Iron (C4)
- [ ] Recent Iron Reduction in Tilled Soils (C6)
- [ ] Thin Muck Surface (C7)
- [ ] Gauge or Well Data (D9)
- [ ] Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- [ ] Surface Soil Cracks (B6)
- [ ] Drainage Patterns (B10)
- [ ] Dry-Season Water Table (C2)
- [ ] Crayfish Burrows (C8)
- [ ] Saturation Visible on Aerial Imagery (C9)
- [ ] Stunted or Stressed Plants (D1)
- [ ] Geomorphic Position (D2)
- [ ] FAC-Neutral Test (D5)

**Field Observations:**

Surface Water Present? Yes [ ] No [X] Depth (inches): _____

Water Table Present? Yes [ ] No [X] Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes [ ] No [X] Depth (inches): _____

**Wetland Hydrology Present?** Yes [ ] No [X]

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

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## WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: MAAS FARM | City/County: Plato Twp. / KANE CO | Sampling Date: 11.3.2023
Applicant/Owner: CUSD 301 | State: IL | Sampling Point: 2a
Investigator(s): D. KRILL | Section, Township, Range: NW 29-41-7
Landform (hillslope, terrace, etc.): pond | Local relief (concave, convex, none): concave
Slope (%): 0 | Lat: 42.007917 | Long: -88.465459 | Datum: n/a
Soil Map Unit Name: W-WATER | NWI classification: PUBHx
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ___ (If no, explain in Remarks.)
Are Vegetation ___, Soil ___, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___
Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

### SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

| | | | |
|---|---|---|---|
| Hydrophytic Vegetation Present? | Yes X | No ___ | **Is the Sampled Area within a Wetland?** Yes X No ___ |
| Hydric Soil Present? | Yes X | No ___ | |
| Wetland Hydrology Present? | Yes X | No ___ | |

Remarks:

### VEGETATION – Use scientific names of plants.

| Tree Stratum (Plot size: ___) | Absolute % Cover | Dominant Species? | Indicator Status |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Sapling/Shrub Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Herb Stratum** (Plot size: ___) | | | |
| 1. Lemna minor | 50 | Y | OBL |
| 2. Polygonum pensylvanicum | 5 | N | FACW |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |
| 7. | | | |
| 8. | | | |
| 9. | | | |
| 10. | | | |
| | 55 = Total Cover | | |
| **Woody Vine Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| | = Total Cover | | |

**Dominance Test worksheet:**
Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)
Total Number of Dominant Species Across All Strata: 1 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

**Prevalence Index worksheet:**

| Total % Cover of: | | Multiply by: | |
|---|---|---|---|
| OBL species | | x 1 = | |
| FACW species | | x 2 = | |
| FAC species | | x 3 = | |
| FACU species | | x 4 = | |
| UPL species | | x 5 = | |
| Column Totals: | (A) | | (B) |

Prevalence Index = B/A = ___

**Hydrophytic Vegetation Indicators:**
- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

**Hydrophytic Vegetation Present?** Yes X No ___

Remarks: (Include photo numbers here or on a separate sheet.)

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## SOIL

Sampling Point: 2a

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

| Depth (inches) | Matrix Color (moist) | Matrix % | Redox Features Color (moist) | Redox Features % | Redox Features Type[1] | Redox Features Loc[2] | Texture | Remarks |
|---|---|---|---|---|---|---|---|---|
| 0-12 | N 2.5/0 | 100 | | | | | muck | |
| 12-24 | 10YR 3/1 | 100 | | | | | silt loam | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

**Hydric Soil Indicators:**

- [ ] Histosol (A1)
- [ ] Histic Epipedon (A2)
- [ ] Black Histic (A3)
- [ ] Hydrogen Sulfide (A4)
- [ ] Stratified Layers (A5)
- [ ] 2 cm Muck (A10)
- [ ] Depleted Below Dark Surface (A11)
- [x] Thick Dark Surface (A12)
- [ ] Sandy Mucky Mineral (S1)
- [ ] 5 cm Mucky Peat or Peat (S3)
- [ ] Sandy Gleyed Matrix (S4)
- [ ] Sandy Redox (S5)
- [ ] Stripped Matrix (S6)
- [ ] Loamy Mucky Mineral (F1)
- [ ] Loamy Gleyed Matrix (F2)
- [ ] Depleted Matrix (F3)
- [x] Redox Dark Surface (F6)
- [ ] Depleted Dark Surface (F7)
- [ ] Redox Depressions (F8)

**Indicators for Problematic Hydric Soils[3]:**

- [ ] Coast Prairie Redox (A16)
- [ ] Dark Surface (S7)
- [ ] Iron-Manganese Masses (F12)
- [ ] Very Shallow Dark Surface (TF12)
- [ ] Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type:

Depth (inches):

**Hydric Soil Present?** Yes [x] No [ ]

Remarks:

## HYDROLOGY

**Wetland Hydrology Indicators:**

Primary Indicators (minimum of one is required; check all that apply)

- [ ] Surface Water (A1)
- [x] High Water Table (A2)
- [x] Saturation (A3)
- [x] Water Marks (B1)
- [x] Sediment Deposits (B2)
- [ ] Drift Deposits (B3)
- [ ] Algal Mat or Crust (B4)
- [ ] Iron Deposits (B5)
- [x] Inundation Visible on Aerial Imagery (B7)
- [x] Sparsely Vegetated Concave Surface (B8)
- [x] Water-Stained Leaves (B9)
- [ ] Aquatic Fauna (B13)
- [ ] True Aquatic Plants (B14)
- [ ] Hydrogen Sulfide Odor (C1)
- [ ] Oxidized Rhizospheres on Living Roots (C3)
- [ ] Presence of Reduced Iron (C4)
- [ ] Recent Iron Reduction in Tilled Soils (C6)
- [ ] Thin Muck Surface (C7)
- [ ] Gauge or Well Data (D9)
- [ ] Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- [ ] Surface Soil Cracks (B6)
- [x] Drainage Patterns (B10)
- [ ] Dry-Season Water Table (C2)
- [ ] Crayfish Burrows (C8)
- [x] Saturation Visible on Aerial Imagery (C9)
- [ ] Stunted or Stressed Plants (D1)
- [x] Geomorphic Position (D2)
- [x] FAC-Neutral Test (D5)

**Field Observations:**

Surface Water Present? Yes [ ] No [x] Depth (inches):

Water Table Present? Yes [x] No [ ] Depth (inches): 6"

Saturation Present? (includes capillary fringe) Yes [x] No [ ] Depth (inches): at surface

**Wetland Hydrology Present?** Yes [x] No [ ]

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Water level low in pond, exposing bottom at east side of basin

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## WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: MAAS FARM | City/County: Plato Twp. / KANE CO | Sampling Date: 11.3.2023
Applicant/Owner: CUSD 301 | State: IL | Sampling Point: 2b
Investigator(s): D. KRILL | Section, Township, Range: NW 29-41-7
Landform (hillslope, terrace, etc.): pond upper bank | Local relief (concave, convex, none): flat/convex
Slope (%): 2 | Lat: 42.007949 | Long: -88.465493 | Datum: n/a
Soil Map Unit Name: 59A—Lisbon silt loam, 0 to 2 percent slopes | NWI classification:
Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ___ (If no, explain in Remarks.)
Are Vegetation ___, Soil ___, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___
Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

### SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

| | | |
|---|---|---|
| Hydrophytic Vegetation Present? | Yes ___ No X | Is the Sampled Area within a Wetland? Yes ___ No X |
| Hydric Soil Present? | Yes ___ No X | |
| Wetland Hydrology Present? | Yes ___ No X | |

Remarks:

### VEGETATION – Use scientific names of plants.

| Tree Stratum (Plot size: ___) | Absolute % Cover | Dominant Species? | Indicator Status |
|---|---|---|---|
| 1. Morus alba | 20 | Y | FAC |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | 20 | = Total Cover | |
| **Sapling/Shrub Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | | = Total Cover | |
| **Herb Stratum** (Plot size: ___) | | | |
| 1. Glechoma hederacea | 50 | Y | FACU |
| 2. Taraxacum officinale | 20 | Y | FACU |
| 3. Poa pratensis | 20 | Y | FAC |
| 4. Viola sororia | 5 | N | FAC |
| 5. | | | |
| 6. | | | |
| 7. | | | |
| 8. | | | |
| 9. | | | |
| 10. | | | |
| | 95 | = Total Cover | |
| **Woody Vine Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| | | = Total Cover | |

**Dominance Test worksheet:**
Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
Total Number of Dominant Species Across All Strata: 4 (B)
Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)

**Prevalence Index worksheet:**

| Total % Cover of: | | Multiply by: | |
|---|---|---|---|
| OBL species | | x 1 = | |
| FACW species | | x 2 = | |
| FAC species | 45 | x 3 = | 135 |
| FACU species | 70 | x 4 = | 280 |
| UPL species | | x 5 = | |
| Column Totals: | 115 (A) | | 415 (B) |

Prevalence Index = B/A = 3.61

**Hydrophytic Vegetation Indicators:**
___ 1 - Rapid Test for Hydrophytic Vegetation
___ 2 - Dominance Test is >50%
___ 3 - Prevalence Index is ≤3.0[1]
___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

**Hydrophytic Vegetation Present?** Yes ___ No X

Remarks: (Include photo numbers here or on a separate sheet.)

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## SOIL

Sampling Point: 2b

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

| Depth (inches) | Matrix Color (moist) | Matrix % | Redox Features Color (moist) | Redox Features % | Redox Features Type[1] | Redox Features Loc[2] | Texture | Remarks |
|---|---|---|---|---|---|---|---|---|
| 0-12 | 10YR 2/1 | 100 | | | | | silt loam | |
| 12-24 | 10YR 4/3 | 100 | | | | | scl | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

**Hydric Soil Indicators:**

- [ ] Histosol (A1)
- [ ] Histic Epipedon (A2)
- [ ] Black Histic (A3)
- [ ] Hydrogen Sulfide (A4)
- [ ] Stratified Layers (A5)
- [ ] 2 cm Muck (A10)
- [ ] Depleted Below Dark Surface (A11)
- [ ] Thick Dark Surface (A12)
- [ ] Sandy Mucky Mineral (S1)
- [ ] 5 cm Mucky Peat or Peat (S3)
- [ ] Sandy Gleyed Matrix (S4)
- [ ] Sandy Redox (S5)
- [ ] Stripped Matrix (S6)
- [ ] Loamy Mucky Mineral (F1)
- [ ] Loamy Gleyed Matrix (F2)
- [ ] Depleted Matrix (F3)
- [ ] Redox Dark Surface (F6)
- [ ] Depleted Dark Surface (F7)
- [ ] Redox Depressions (F8)

**Indicators for Problematic Hydric Soils[3]:**

- [ ] Coast Prairie Redox (A16)
- [ ] Dark Surface (S7)
- [ ] Iron-Manganese Masses (F12)
- [ ] Very Shallow Dark Surface (TF12)
- [ ] Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: _____

Depth (inches): _____

**Hydric Soil Present?** Yes _____ No X

Remarks:

## HYDROLOGY

**Wetland Hydrology Indicators:**

Primary Indicators (minimum of one is required; check all that apply)

- [ ] Surface Water (A1)
- [ ] High Water Table (A2)
- [ ] Saturation (A3)
- [ ] Water Marks (B1)
- [ ] Sediment Deposits (B2)
- [ ] Drift Deposits (B3)
- [ ] Algal Mat or Crust (B4)
- [ ] Iron Deposits (B5)
- [ ] Inundation Visible on Aerial Imagery (B7)
- [ ] Sparsely Vegetated Concave Surface (B8)
- [ ] Water-Stained Leaves (B9)
- [ ] Aquatic Fauna (B13)
- [ ] True Aquatic Plants (B14)
- [ ] Hydrogen Sulfide Odor (C1)
- [ ] Oxidized Rhizospheres on Living Roots (C3)
- [ ] Presence of Reduced Iron (C4)
- [ ] Recent Iron Reduction in Tilled Soils (C6)
- [ ] Thin Muck Surface (C7)
- [ ] Gauge or Well Data (D9)
- [ ] Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- [ ] Surface Soil Cracks (B6)
- [ ] Drainage Patterns (B10)
- [ ] Dry-Season Water Table (C2)
- [ ] Crayfish Burrows (C8)
- [ ] Saturation Visible on Aerial Imagery (C9)
- [ ] Stunted or Stressed Plants (D1)
- [ ] Geomorphic Position (D2)
- [ ] FAC-Neutral Test (D5)

**Field Observations:**

Surface Water Present? Yes _____ No X Depth (inches): _____

Water Table Present? Yes _____ No X Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No X Depth (inches): _____

**Wetland Hydrology Present?** Yes _____ No X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

US Army Corps of Engineers — Midwest Region – Version 2.0

## WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: MAAS FARM City/County: Plato Twp. / KANE CO Sampling Date: 11.3.2023

Applicant/Owner: CUSD 301 State: IL Sampling Point: 3a

Investigator(s): D. KRILL Section, Township, Range: NW 29-41-7

Landform (hillslope, terrace, etc.): channel Local relief (concave, convex, none): concave

Slope (%): 2 Lat: 42.012046 Long: -88.466880 Datum: n/a

Soil Map Unit Name: 59A - Lisbopn silt loam, 0-2% slopes NWI classification: R4SBC

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ___ (If no, explain in Remarks.)

Are Vegetation ___, Soil ___, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

### SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

| | | | |
|---|---|---|---|
| Hydrophytic Vegetation Present? | Yes X | No ___ | **Is the Sampled Area within a Wetland?** Yes X No ___ |
| Hydric Soil Present? | Yes X | No ___ | |
| Wetland Hydrology Present? | Yes X | No ___ | |

Remarks:

### VEGETATION – Use scientific names of plants.

| Tree Stratum (Plot size: ___) | Absolute % Cover | Dominant Species? | Indicator Status |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Sapling/Shrub Stratum** (Plot size: ___) | | | |
| 1. Salix interior | 50 | Y | FACW |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | 50 = Total Cover | | |
| **Herb Stratum** (Plot size: ___) | | | |
| 1. Panicum dichotomiflorum | 50 | Y | FACW |
| 2. Setaria faberi | 20 | Y | FACU |
| 3. Epilobium coloratum | 5 | N | OBL |
| 4. Solidago gigantea | 5 | N | FACW |
| 5. Aster simplex | 5 | N | FACW |
| 6. | | | |
| 7. | | | |
| 8. | | | |
| 9. | | | |
| 10. | | | |
| | 85 = Total Cover | | |
| **Woody Vine Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| | = Total Cover | | |

**Dominance Test worksheet:**

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 66 (A/B)

**Prevalence Index worksheet:**

| Total % Cover of: | Multiply by: |
|---|---|
| OBL species ___ | x 1 = ___ |
| FACW species ___ | x 2 = ___ |
| FAC species ___ | x 3 = ___ |
| FACU species ___ | x 4 = ___ |
| UPL species ___ | x 5 = ___ |
| Column Totals: ___ (A) | ___ (B) |

Prevalence Index = B/A = ___

**Hydrophytic Vegetation Indicators:**

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

**Hydrophytic Vegetation Present?** Yes X No ___

Remarks: (Include photo numbers here or on a separate sheet.)

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## SOIL

Sampling Point: 3a

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

| Depth (inches) | Matrix Color (moist) | Matrix % | Redox Features Color (moist) | Redox Features % | Type[1] | Loc[2] | Texture | Remarks |
|---|---|---|---|---|---|---|---|---|
| 0-4 | 10YR 3/1 | 100 | | | | | muck | |
| 4-24 | 10YR 4/1 | 90 | 10YR 5/4 | 10 | C | M | scl | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

**Hydric Soil Indicators:**

- [ ] Histosol (A1)
- [ ] Histic Epipedon (A2)
- [ ] Black Histic (A3)
- [ ] Hydrogen Sulfide (A4)
- [ ] Stratified Layers (A5)
- [ ] 2 cm Muck (A10)
- [ ] Depleted Below Dark Surface (A11)
- [x] Thick Dark Surface (A12)
- [ ] Sandy Mucky Mineral (S1)
- [ ] 5 cm Mucky Peat or Peat (S3)
- [ ] Sandy Gleyed Matrix (S4)
- [ ] Sandy Redox (S5)
- [ ] Stripped Matrix (S6)
- [ ] Loamy Mucky Mineral (F1)
- [ ] Loamy Gleyed Matrix (F2)
- [ ] Depleted Matrix (F3)
- [x] Redox Dark Surface (F6)
- [ ] Depleted Dark Surface (F7)
- [ ] Redox Depressions (F8)

**Indicators for Problematic Hydric Soils[3]:**

- [ ] Coast Prairie Redox (A16)
- [ ] Dark Surface (S7)
- [ ] Iron-Manganese Masses (F12)
- [ ] Very Shallow Dark Surface (TF12)
- [ ] Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type:

Depth (inches):

**Hydric Soil Present?** Yes [x] No [ ]

Remarks:

## HYDROLOGY

**Wetland Hydrology Indicators:**

Primary Indicators (minimum of one is required; check all that apply)

- [x] Surface Water (A1)
- [x] High Water Table (A2)
- [x] Saturation (A3)
- [x] Water Marks (B1)
- [x] Sediment Deposits (B2)
- [ ] Drift Deposits (B3)
- [ ] Algal Mat or Crust (B4)
- [ ] Iron Deposits (B5)
- [ ] Inundation Visible on Aerial Imagery (B7)
- [ ] Sparsely Vegetated Concave Surface (B8)
- [ ] Water-Stained Leaves (B9)
- [ ] Aquatic Fauna (B13)
- [ ] True Aquatic Plants (B14)
- [ ] Hydrogen Sulfide Odor (C1)
- [ ] Oxidized Rhizospheres on Living Roots (C3)
- [ ] Presence of Reduced Iron (C4)
- [ ] Recent Iron Reduction in Tilled Soils (C6)
- [ ] Thin Muck Surface (C7)
- [ ] Gauge or Well Data (D9)
- [ ] Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- [ ] Surface Soil Cracks (B6)
- [x] Drainage Patterns (B10)
- [ ] Dry-Season Water Table (C2)
- [ ] Crayfish Burrows (C8)
- [x] Saturation Visible on Aerial Imagery (C9)
- [ ] Stunted or Stressed Plants (D1)
- [x] Geomorphic Position (D2)
- [x] FAC-Neutral Test (D5)

**Field Observations:**

Surface Water Present? Yes [x] No [ ] Depth (inches): 1"

Water Table Present? Yes [x] No [ ] Depth (inches): at surface

Saturation Present? (includes capillary fringe) Yes [x] No [ ] Depth (inches): at surface

**Wetland Hydrology Present?** Yes [x] No [ ]

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

US Army Corps of Engineers — Midwest Region – Version 2.0

## WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: MAAS FARM City/County: Plato Twp. / KANE CO Sampling Date: 11.3.2023

Applicant/Owner: CUSD 301 State: IL Sampling Point: 3b

Investigator(s): D. KRILL Section, Township, Range: NW 29-41-7

Landform (hillslope, terrace, etc.): channel terrace Local relief (concave, convex, none): flat/convex

Slope (%): 2 Lat: 42.012018 Long: -88.466880 Datum: n/a

Soil Map Unit Name: 59A—Lisbon silt loam, 0 to 2 percent slopes NWI classification:

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ___ (If no, explain in Remarks.)

Are Vegetation ___, Soil ___, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

### SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

| | | | |
|---|---|---|---|
| Hydrophytic Vegetation Present? | Yes ___ | No X | Is the Sampled Area within a Wetland? Yes ___ No X |
| Hydric Soil Present? | Yes ___ | No X | |
| Wetland Hydrology Present? | Yes ___ | No X | |

Remarks:

### VEGETATION – Use scientific names of plants.

| Tree Stratum (Plot size: ___) | Absolute % Cover | Dominant Species? | Indicator Status |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Sapling/Shrub Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Herb Stratum** (Plot size: ___) | | | |
| 1. Daucus carota | 25 | Y | UPL |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |
| 7. | | | |
| 8. | | | |
| 9. | | | |
| 10. | | | |
| | 25 = Total Cover | | |
| **Woody Vine Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| | = Total Cover | | |

**Dominance Test worksheet:**

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

**Prevalence Index worksheet:**

| Total % Cover of: | | Multiply by: | |
|---|---|---|---|
| OBL species | | x 1 = | |
| FACW species | | x 2 = | |
| FAC species | | x 3 = | |
| FACU species | | x 4 = | |
| UPL species | 25 | x 5 = | 125 |
| Column Totals: | 25 (A) | | 125 (B) |

Prevalence Index = B/A = 5

**Hydrophytic Vegetation Indicators:**

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

**Hydrophytic Vegetation Present?** Yes ___ No X

Remarks: (Include photo numbers here or on a separate sheet.)

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## SOIL

Sampling Point: 3b

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

| Depth (inches) | Matrix Color (moist) | Matrix % | Redox Features Color (moist) | Redox Features % | Redox Features Type[1] | Redox Features Loc[2] | Texture | Remarks |
|---|---|---|---|---|---|---|---|---|
| 0-12 | 10YR 2/1 | 100 | | | | | silt loam | |
| 12-24 | 2.5Y 4/2 | 100 | | | | | loam | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

**Hydric Soil Indicators:**

- ☐ Histosol (A1)
- ☐ Histic Epipedon (A2)
- ☐ Black Histic (A3)
- ☐ Hydrogen Sulfide (A4)
- ☐ Stratified Layers (A5)
- ☐ 2 cm Muck (A10)
- ☐ Depleted Below Dark Surface (A11)
- ☐ Thick Dark Surface (A12)
- ☐ Sandy Mucky Mineral (S1)
- ☐ 5 cm Mucky Peat or Peat (S3)
- ☐ Sandy Gleyed Matrix (S4)
- ☐ Sandy Redox (S5)
- ☐ Stripped Matrix (S6)
- ☐ Loamy Mucky Mineral (F1)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☐ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

**Indicators for Problematic Hydric Soils[3]:**

- ☐ Coast Prairie Redox (A16)
- ☐ Dark Surface (S7)
- ☐ Iron-Manganese Masses (F12)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: _____

Depth (inches): _____

**Hydric Soil Present?** Yes ____ No X

Remarks:

## HYDROLOGY

**Wetland Hydrology Indicators:**

Primary Indicators (minimum of one is required; check all that apply)

- ☐ Surface Water (A1)
- ☐ High Water Table (A2)
- ☐ Saturation (A3)
- ☐ Water Marks (B1)
- ☐ Sediment Deposits (B2)
- ☐ Drift Deposits (B3)
- ☐ Algal Mat or Crust (B4)
- ☐ Iron Deposits (B5)
- ☐ Inundation Visible on Aerial Imagery (B7)
- ☐ Sparsely Vegetated Concave Surface (B8)
- ☐ Water-Stained Leaves (B9)
- ☐ Aquatic Fauna (B13)
- ☐ True Aquatic Plants (B14)
- ☐ Hydrogen Sulfide Odor (C1)
- ☐ Oxidized Rhizospheres on Living Roots (C3)
- ☐ Presence of Reduced Iron (C4)
- ☐ Recent Iron Reduction in Tilled Soils (C6)
- ☐ Thin Muck Surface (C7)
- ☐ Gauge or Well Data (D9)
- ☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☐ Geomorphic Position (D2)
- ☐ FAC-Neutral Test (D5)

**Field Observations:**

Surface Water Present? Yes ____ No X Depth (inches): _____

Water Table Present? Yes ____ No X Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ____ No X Depth (inches): _____

**Wetland Hydrology Present?** Yes ____ No X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

US Army Corps of Engineers — Midwest Region – Version 2.0

## WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: MAAS FARM | City/County: Plato Twp. / KANE CO | Sampling Date: 11.3.2023

Applicant/Owner: CUSD 301 | State: IL | Sampling Point: 4a

Investigator(s): D. KRILL | Section, Township, Range: NW 29-41-7

Landform (hillslope, terrace, etc.): channel / wet swale | Local relief (concave, convex, none): concave

Slope (%): 2 | Lat: 42.010191 | Long: -88.478847 | Datum: n/a

Soil Map Unit Name: 154A—Flanagan silt loam, 0 to 2 percent slopes | NWI classification:

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ___ (If no, explain in Remarks.)

Are Vegetation ___, Soil ___, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

### SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

| | | | |
|---|---|---|---|
| Hydrophytic Vegetation Present? | Yes X | No ___ | Is the Sampled Area within a Wetland? Yes X No ___ |
| Hydric Soil Present? | Yes X | No ___ | |
| Wetland Hydrology Present? | Yes X | No ___ | |

Remarks:

### VEGETATION – Use scientific names of plants.

| Tree Stratum (Plot size: ___) | Absolute % Cover | Dominant Species? | Indicator Status |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Sapling/Shrub Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Herb Stratum** (Plot size: ___) | | | |
| 1. Phalaris arundinacea | 40 | Y | FACW |
| 2. Agrostis alba | 40 | Y | FACW |
| 3. Geum canadense | 20 | Y | FAC |
| 4. Solidago gigantea | 2 | N | FACW |
| 5. Taraxacum officinale | 2 | N | FACU |
| 6. | | | |
| 7. | | | |
| 8. | | | |
| 9. | | | |
| 10. | | | |
| | 104 = Total Cover | | |
| **Woody Vine Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| | = Total Cover | | |

**Dominance Test worksheet:**

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

**Prevalence Index worksheet:**

| Total % Cover of: | Multiply by: |
|---|---|
| OBL species | x 1 = |
| FACW species | x 2 = |
| FAC species | x 3 = |
| FACU species | x 4 = |
| UPL species | x 5 = |
| Column Totals: (A) | (B) |

Prevalence Index = B/A = ___

**Hydrophytic Vegetation Indicators:**

- ___ 1 - Rapid Test for Hydrophytic Vegetation
- X 2 - Dominance Test is >50%
- ___ 3 - Prevalence Index is ≤3.0[1]
- ___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

**Hydrophytic Vegetation Present?** Yes X No ___

Remarks: (Include photo numbers here or on a separate sheet.)

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## SOIL

Sampling Point: 4a

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

| Depth (inches) | Matrix Color (moist) | Matrix % | Redox Features Color (moist) | Redox Features % | Type[1] | Loc[2] | Texture | Remarks |
|---|---|---|---|---|---|---|---|---|
| 0-10 | 10YR 3/1 | 100 | | | | | silt loam | |
| 10-24 | 10YR 4/1 | 90 | 10YR 5/4 & 5/6 | 10 | C | M | scl | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

**Hydric Soil Indicators:**

- [ ] Histosol (A1)
- [ ] Histic Epipedon (A2)
- [ ] Black Histic (A3)
- [ ] Hydrogen Sulfide (A4)
- [ ] Stratified Layers (A5)
- [ ] 2 cm Muck (A10)
- [ ] Depleted Below Dark Surface (A11)
- [x] Thick Dark Surface (A12)
- [ ] Sandy Mucky Mineral (S1)
- [ ] 5 cm Mucky Peat or Peat (S3)
- [ ] Sandy Gleyed Matrix (S4)
- [ ] Sandy Redox (S5)
- [ ] Stripped Matrix (S6)
- [ ] Loamy Mucky Mineral (F1)
- [ ] Loamy Gleyed Matrix (F2)
- [ ] Depleted Matrix (F3)
- [x] Redox Dark Surface (F6)
- [ ] Depleted Dark Surface (F7)
- [ ] Redox Depressions (F8)

**Indicators for Problematic Hydric Soils[3]:**

- [ ] Coast Prairie Redox (A16)
- [ ] Dark Surface (S7)
- [ ] Iron-Manganese Masses (F12)
- [ ] Very Shallow Dark Surface (TF12)
- [ ] Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type:

Depth (inches):

**Hydric Soil Present?** Yes [x] No [ ]

Remarks:

## HYDROLOGY

**Wetland Hydrology Indicators:**

Primary Indicators (minimum of one is required; check all that apply)

- [x] Surface Water (A1)
- [x] High Water Table (A2)
- [x] Saturation (A3)
- [ ] Water Marks (B1)
- [x] Sediment Deposits (B2)
- [ ] Drift Deposits (B3)
- [ ] Algal Mat or Crust (B4)
- [ ] Iron Deposits (B5)
- [ ] Inundation Visible on Aerial Imagery (B7)
- [ ] Sparsely Vegetated Concave Surface (B8)
- [ ] Water-Stained Leaves (B9)
- [ ] Aquatic Fauna (B13)
- [ ] True Aquatic Plants (B14)
- [ ] Hydrogen Sulfide Odor (C1)
- [ ] Oxidized Rhizospheres on Living Roots (C3)
- [ ] Presence of Reduced Iron (C4)
- [ ] Recent Iron Reduction in Tilled Soils (C6)
- [ ] Thin Muck Surface (C7)
- [ ] Gauge or Well Data (D9)
- [ ] Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- [ ] Surface Soil Cracks (B6)
- [x] Drainage Patterns (B10)
- [ ] Dry-Season Water Table (C2)
- [ ] Crayfish Burrows (C8)
- [ ] Saturation Visible on Aerial Imagery (C9)
- [ ] Stunted or Stressed Plants (D1)
- [x] Geomorphic Position (D2)
- [x] FAC-Neutral Test (D5)

**Field Observations:**

Surface Water Present? Yes [x] No [ ] Depth (inches): 1"

Water Table Present? Yes [x] No [ ] Depth (inches): at surface

Saturation Present? (includes capillary fringe) Yes [x] No [ ] Depth (inches): at surface

**Wetland Hydrology Present?** Yes [x] No [ ]

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

US Army Corps of Engineers — Midwest Region – Version 2.0

## WETLAND DETERMINATION DATA FORM – Midwest Region

Project/Site: MAAS FARM City/County: Plato Twp. / KANE CO Sampling Date: 11.3.2023

Applicant/Owner: CUSD 301 State: IL Sampling Point: 4b

Investigator(s): D. KRILL Section, Township, Range: NW 29-41-7

Landform (hillslope, terrace, etc.): channel terrace Local relief (concave, convex, none): convex

Slope (%): 2 Lat: 42.010104 Long: -88.478819 Datum: n/a

Soil Map Unit Name: 154A—Flanagan silt loam, 0 to 2 percent slopes NWI classification:

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ___ (If no, explain in Remarks.)

Are Vegetation ___, Soil ___, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes X No ___

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

### SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

| | | | |
|---|---|---|---|
| Hydrophytic Vegetation Present? | Yes ___ | No X | **Is the Sampled Area within a Wetland?** Yes ___ No X |
| Hydric Soil Present? | Yes X | No ___ | |
| Wetland Hydrology Present? | Yes ___ | No X | |

Remarks:

### VEGETATION – Use scientific names of plants.

| Tree Stratum (Plot size: ___) | Absolute % Cover | Dominant Species? | Indicator Status |
|---|---|---|---|
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Sapling/Shrub Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| | = Total Cover | | |
| **Herb Stratum** (Plot size: ___) | | | |
| 1. Ambrosia trifida | 30 | Y | FAC |
| 2. Amaranthus retroflexus | 30 | Y | FACU |
| 3. Hypericum perforatum | 20 | Y | FACU |
| 4. Bromus inermis | 10 | N | FACU |
| 5. Taraxacum officinale | 10 | N | FACU |
| 6. | | | |
| 7. | | | |
| 8. | | | |
| 9. | | | |
| 10. | | | |
| | 100 = Total Cover | | |
| **Woody Vine Stratum** (Plot size: ___) | | | |
| 1. | | | |
| 2. | | | |
| | = Total Cover | | |

**Dominance Test worksheet:**

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 33 (A/B)

**Prevalence Index worksheet:**

| Total % Cover of: | | Multiply by: | |
|---|---|---|---|
| OBL species | | x 1 = | |
| FACW species | | x 2 = | |
| FAC species | 30 | x 3 = | 90 |
| FACU species | 70 | x 4 = | 280 |
| UPL species | | x 5 = | |
| Column Totals: | 100 (A) | | 370 (B) |

Prevalence Index = B/A = 3.7

**Hydrophytic Vegetation Indicators:**

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

**Hydrophytic Vegetation Present?** Yes ___ No X

Remarks: (Include photo numbers here or on a separate sheet.)

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## SOIL

Sampling Point: 4b

**Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**

| Depth (inches) | Matrix Color (moist) | Matrix % | Redox Features Color (moist) | Redox Features % | Redox Features Type[1] | Redox Features Loc[2] | Texture | Remarks |
|---|---|---|---|---|---|---|---|---|
| 0-24 | 10YR 3/1 | 100 | | | | | silt loam | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

**Hydric Soil Indicators:**

- [ ] Histosol (A1)
- [ ] Histic Epipedon (A2)
- [ ] Black Histic (A3)
- [ ] Hydrogen Sulfide (A4)
- [ ] Stratified Layers (A5)
- [ ] 2 cm Muck (A10)
- [ ] Depleted Below Dark Surface (A11)
- [x] Thick Dark Surface (A12)
- [ ] Sandy Mucky Mineral (S1)
- [ ] 5 cm Mucky Peat or Peat (S3)
- [ ] Sandy Gleyed Matrix (S4)
- [ ] Sandy Redox (S5)
- [ ] Stripped Matrix (S6)
- [ ] Loamy Mucky Mineral (F1)
- [ ] Loamy Gleyed Matrix (F2)
- [ ] Depleted Matrix (F3)
- [ ] Redox Dark Surface (F6)
- [ ] Depleted Dark Surface (F7)
- [ ] Redox Depressions (F8)

**Indicators for Problematic Hydric Soils[3]:**

- [ ] Coast Prairie Redox (A16)
- [ ] Dark Surface (S7)
- [ ] Iron-Manganese Masses (F12)
- [ ] Very Shallow Dark Surface (TF12)
- [ ] Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

**Restrictive Layer (if observed):**

Type: _____

Depth (inches): _____

**Hydric Soil Present?** Yes [x] No [ ]

Remarks:

## HYDROLOGY

**Wetland Hydrology Indicators:**

Primary Indicators (minimum of one is required; check all that apply)

- [ ] Surface Water (A1)
- [ ] High Water Table (A2)
- [ ] Saturation (A3)
- [ ] Water Marks (B1)
- [ ] Sediment Deposits (B2)
- [ ] Drift Deposits (B3)
- [ ] Algal Mat or Crust (B4)
- [ ] Iron Deposits (B5)
- [ ] Inundation Visible on Aerial Imagery (B7)
- [ ] Sparsely Vegetated Concave Surface (B8)
- [ ] Water-Stained Leaves (B9)
- [ ] Aquatic Fauna (B13)
- [ ] True Aquatic Plants (B14)
- [ ] Hydrogen Sulfide Odor (C1)
- [ ] Oxidized Rhizospheres on Living Roots (C3)
- [ ] Presence of Reduced Iron (C4)
- [ ] Recent Iron Reduction in Tilled Soils (C6)
- [ ] Thin Muck Surface (C7)
- [ ] Gauge or Well Data (D9)
- [ ] Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- [ ] Surface Soil Cracks (B6)
- [ ] Drainage Patterns (B10)
- [ ] Dry-Season Water Table (C2)
- [ ] Crayfish Burrows (C8)
- [ ] Saturation Visible on Aerial Imagery (C9)
- [ ] Stunted or Stressed Plants (D1)
- [ ] Geomorphic Position (D2)
- [ ] FAC-Neutral Test (D5)

**Field Observations:**

Surface Water Present? Yes [ ] No [x] Depth (inches): _____

Water Table Present? Yes [ ] No [x] Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes [ ] No [x] Depth (inches): _____

**Wetland Hydrology Present?** Yes [ ] No [x]

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

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# EXHIBIT 10

*Representative Site Photos* *11.03.2023 Field Reconnaissance*



Data Point 1a – WL/WOUS “A” at SE of site – facing SE



View of riparian stream terrace at DP1b – UPL facing SW



View of pipe outfall at western extent of WL/WOUS “A” – facing SE



WL/WOUS “A” Bowes Creek tributary channel
facing W from box culvert under IL Route 47



Pond edge at Data Point 2a – Wetland B facing SW



Top of pond slope terrace at DP2b – UPL facing NW



View of Wetland B (Pond) – facing SW



View of Wetland B (Pond) – facing SE



Wet swale edge at Data Point 3a – Wetland C facing NE



Top of wet swale terrace at DP3b – UPL facing SW



View of Wetland C (wet swale) – facing E at edge of farm field



View of well-drained farm field and hill-slope to SW of Wetland C – facing SW



Wet swale edge at Data Point 4a – Wetland D facing NE



Top of wet swale terrace at DP4b – UPL facing SW



Flagged WL D wet swale – facing SE



PWA#1 in Farmed WL Assessment – facing NW



Area west of WL D – UPL facing NW
PWA#2 in Farmed WL Assessment – facing W



UPL area dominated by Setaria faberi and Amaranthus retroflexus (FACU)
PWA#3 in Farmed WL Assessment – facing W



UPL area drained by culvert under IL Route 47
PWA#4 in Farmed WL Assessment – facing W



Box culvert under IL Route 47 – WL/WOUS “A” flowing east

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# Phase I Environmental Site Assessment

**Subject Property Location:**
**9N636 IL ROUTE 47**
**Kane County**
**Elgin, IL 60124.**

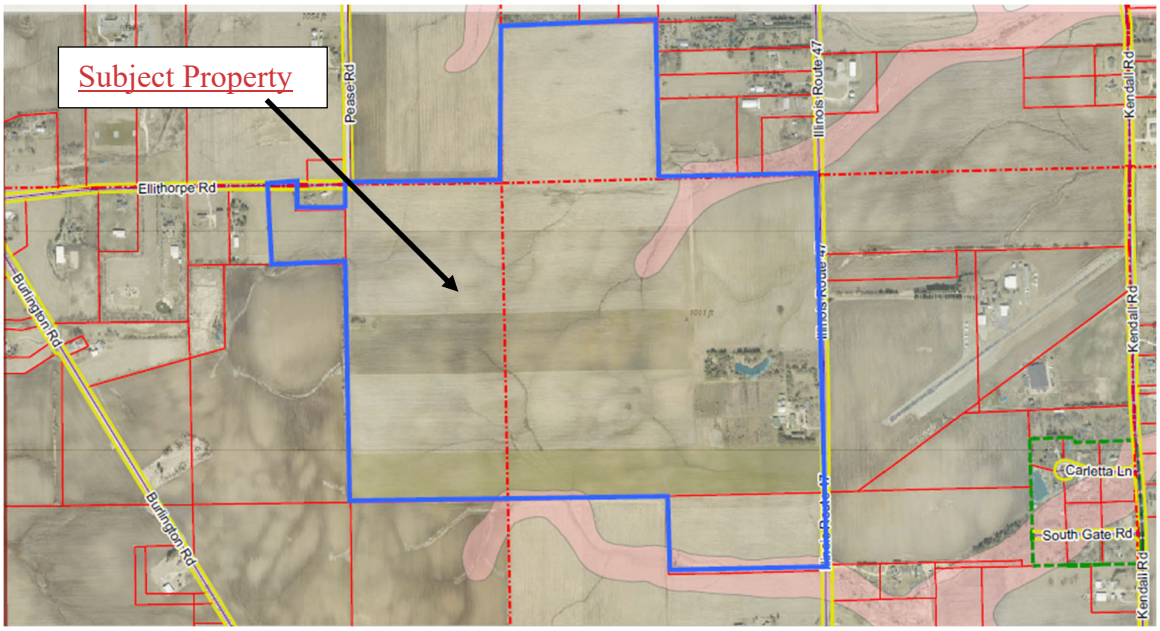



***Figure 1***

**Prepared for:**
**Central Community Unit School District 301**
**275 South Street**
**Burlington, IL 60109**

**December 18, 2023**

***Prepared by:***

the deigan group
environmental managers/consultants
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C EDR Radius Map Report with GeoCheck

D FOIA Requests and Responses

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F EDR City Directory Image Report

G EDR Aerial Decade Package/Aerial Photography

H EDR Historical Topo Maps

I ASTM User and Owner Questionnaires

J This Section Not In Use

K Resume of Environmental Professional

# Executive Summary

This report presents the results of a Phase I Environmental Site Assessment (ESA) completed by the deigan group (Deigan).

| | |
|---|---|
| User and Client: | Central Community Unit School District 301 |
| Current Owner: | Maas Family Trust |
| Subject Property: | 9N636 IL ROUTE 47<br>Kane County<br>Elgin, IL 60124. |
| PINs: | 05-29-100-001<br>05-29-300-002<br>05-20-300-007<br>05-30-200-003<br>05-30-200-009 |
| Property Use | Agricultural and Residential |

**Figure 1** presents a general location map for the Subject Property.

The scope of this Phase I ESA was to make all appropriate inquiries into the previous ownership and uses of the Subject Property and adjacent properties, to the extent observable, with the objective of identifying *recognized environmental conditions (RECs), historical RECs (HRECs), and controlled RECs (CRECs)*. The Phase I ESA review is intended to comply with the practice for conducting an environmental site assessment, as defined by the American Society for Testing and Materials (ASTM) Standard E1527-21.

**Field Inspection**

| | |
|---|---|
| Date of inspection: | December 5, 2023 |
| Conducted by: | Gary J. Deigan, Principal |
| Accompanied by: | Michele Brady, Business Development Director<br>Alan Maas, Shareholder of Subject Property<br>Marlon Ricketts, Farm Manager, Real Estate Broker |

A photo log of the inspection is presented in **Appendix A**.

Subject Property is approximately 300 acres of agricultural land, including a residence, barns, workshop buildings, sheds, trailers and grain silos. On the day we inspected the property, we were accompanied by Marlon Ricketts, Realtor for the seller, as well as Allen Mass, Shareholder of the Subject Property. A light snow had fallen, and the sky was cloudy, however, this did not impede our efforts to walk the land and observe the interior and exterior of all structures present. Stormwater pond, supply wells, septic system, were also inspected. Farming operations were idle in the past season(s). The inspection did not indicate a presence of Recognized Environmental Conditions (RECs).

**Records Review**

Deigan reviewed information from federal, state, and local databases for information to assist in identifying potential environmental concerns at the Subject Property and nearby properties. Reasonably ascertainable regulatory files were reviewed by Deigan. Records requests were made for the Subject Property pursuant to the Freedom of Information Act (FOIA) to Illinois EPA, Office of State Fire Marshall, Kane County Health Department, Elgin Building Department, and Elgin Fire Department. Deigan reviewed reasonably ascertainable fire insurance maps, historical aerial photographs, historical topography maps, and historical city directories.

Based on a review of historical documents, the Subject Property appears to have been continuously used for farming operations and residential use since the 1960s.

## RECOGNIZED ENVIRONMENTAL CONDITIONS

The primary objective of the Phase I ESA was to identify the presence of RECs, CRECs, or HRECs defined as follows:

- ***REC*** – defined by the ASTM Standard Practice E1527-21 as "*the presence of hazardous substances or petroleum products in, on, or at the Subject Property due to release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or a likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment*."
- ***CREC*** - defined by the ASTM Standard Practice E1527-21 as *"a REC affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls."*
- ***HREC*** - defined by the ASTM Standard Practice E1527-21 as *"a previous release of hazardous substances or petroleum products affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by a regulatory authority or authorities, without subjecting the Subject Property to any required controls."*

## CONCLUSIONS AND RECOMMENDATIONS

In accordance with ASTM E 1527-21, the following statement is made.

*We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-21 of the Subject Property commonly known as 9N636 IL ROUTE 47, Kane County, Elgin, IL 60124.. Any exceptions to, or deletions from, this practice are described in* ***Section 1.0*** *of this report. This assessment has revealed no evidence of RECs, Historical RECs (HRECs), or Controlled RECs (CRECs).*

Based on the findings of our Phase I ESA investigations dated December 18, 2023, Deigan recommends:

Further review consisting of

- A Limited Phase II Environmental Assessment based on future use of land by students.

These conclusions and opinions are subject to the limitations and disclaimers expressed within **Section 5** of this Phase I ESA report.

# 1.0 Introduction

This report presents the results of a Phase I Environmental Site Assessment (ESA) completed by the deigan group (Deigan).

| | |
|---|---|
| User and Client: | Central Community Unit School District 301 |
| Current Owner: | Maas Family Trust |
| Subject Property: | 9N636 IL ROUTE 47<br>Kane County<br>Elgin, IL 60124. |
| PINs: | 05-29-100-001<br>05-29-300-002<br>05-20-300-007<br>05-30-200-003<br>05-30-200-009 |
| Property Use | Agricultural |

## 1.1 Scope and Objective of Phase I ESA

Deigan conducted a site visit that consisted of a walk-through of the accessible interior and exterior areas of the Subject Property and observations of adjacent properties from public vantage points. In addition to the on-site walkthrough, Deigan performed a review of documents received from local and state agencies related to the Subject Property.

Deigan reviewed the most current and available federal, state, and local records to identify facilities of known or suspected environmental activity, located at, on or near the Subject Property, that could have an adverse impact on the environmental condition of the Subject Property. There were not any limitations or constraints placed upon Deigan by the Client in conducting this Phase I ESA investigation of the Subject Property.

The purpose of this Phase I ESA was to make all appropriate inquiries into the previous ownership and uses of the Subject Property and adjacent properties, to the extent known and/or observable, with the objective of identifying recognized environmental conditions (RECs), historical RECs (HRECs), and controlled RECs (CRECs). The Phase I ESA review was conducted utilizing accepted industry standards and is intended to comply with the practice for conducting an ESA, as defined by the American Society for Testing and Materials ("ASTM") Standard Practice E1527-21, and Section 22.2 (j)(6)(E) of the Illinois Environmental Protection Act.

The specific reporting requirements for All Appropriate Inquiries (AAI) are provided in 40 CFR §312.21 and §312.31 of the final rule and include:

I. An opinion as to whether the inquiry has identified conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the Subject Property.

(*An opinion pertaining to recognized environmental conditions is provided in* ***Section 4.0.****)*

An identification of significant data gaps in the information collected for the inquiry that affect the ability of the environmental professional to identify recognized environmental conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the Subject Property, as well as comments regarding the significance of these data gaps.

(*Data gaps are discussed in* ***Section 3.11*** *of this report)*

II. Qualifications and signature of the environmental professional(s).

*(Qualifications and signature of the environmental professionals are included in* ***Section 6.0*** *of this report)*

III. In compliance with §312.31(b), the environmental professional must include in the final report an opinion regarding additional appropriate investigation, if the environmental professional has such an opinion.

*(An opinion regarding additional appropriate investigation is provided in* ***Section 4.0****)*

The Phase I ESA review included the four components required under the ASTM standard of practice for an ESA, including records review, site reconnaissance, interviews, and reporting. Information that was reasonably ascertainable was used in preparing this assessment report. The report is presented in six sections. The appendices provide supporting information and/or source data for the conclusions and opinions presented in this report. The scope of work for this ESA included an evaluation of:

- The Subject Property history in an attempt to identify any possible past ownership and/or uses that would suggest an impact to the environmental integrity of the Subject Property as identified through review of reasonably ascertainable standard historical sources.

- Physical characteristics of the Subject Property as identified through review of reasonably ascertainable topographic, wetland, flood plain, soil, geology, and groundwater data.

- Current property/Subject Property conditions (as applicable), including compliance with appropriate regulations as they pertain to the presence or absence of:

    - Facility storage tanks, drums, containers (above or below ground), etc.
    - Transformers and other electrical equipment which utilize fluids that may potentially contain Polychlorinated biphenyls (PCBs).
    - The use of hazardous materials/chemicals and petroleum products, and/or the generation, treatment, storage, or disposal of hazardous, regulated, or medical wastes.

- An evaluation of information contained in programs such as the No Further Remedial Action Planned (NFRAP), National Priorities List (NPL), NPL-Delisted, Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), Federal and State/Tribal Institutional Controls (IC) and Engineering Controls (EC), Tribal Lands, State Spills 90, State/Tribal Solid Waste Landfills (SWL), Resource Conservation and Recovery Act (RCRA), State/Tribal Leaking Underground Storage Tank (LUST), State/Tribal Voluntary Cleanup Program (VCP), and other governmental information systems within specific search distances of the Subject Property. This evaluation was performed to identify any properties that would have the potential to impact the environmental condition of the Subject Property.

  The regulatory agency report provided is based on an evaluation of the data collected and compiled by a contracted data research company, Environmental Data Resources, Inc. (EDR). The report is based on a radius search, which focuses on both the Subject Property and surrounding facilities that may impact the Subject Property. Surrounding facilities listed in governmental environmental records are identified within a specific search distance. The search distance varies depending upon the particular government record being checked. The search is designed to meet the requirements of ASTM Standard E1527-21 and AAI Scope of Work. The information provided by the data research company is assumed to be correct; however, the accuracy of the information provided is not guaranteed by Deigan.

- Visual observation of the adjacent facilities to identify high-risk neighbors and the potential for known or suspected contamination to migrate onto the Subject Property.

## 1.2 Assumptions, Limitations and Exceptions

Deigan has prepared this Phase I ESA using reasonable efforts to identify RECs, HRECs, and CRECs associated with hazardous substances and/or petroleum products at the Subject Property. Findings within this report are based on information obtained from observations made on the day of the site reconnaissance, and from reasonably ascertainable information obtained from certain public agencies and other referenced sources.

The ASTM Standard Practice E1527-21 recognizes inherent limitations that apply to this site investigation report, including:

- Uncertainty is not eliminated – an ESA cannot wholly eliminate uncertainty regarding the potential for RECs in connection with a site.

- Not exhaustive – an ESA is not an exhaustive investigation.

Per ASTM Standard E1527-21 non-scope considerations, including, but not limited to, fluorescent light bulbs and fixtures, asbestos, lead-based paint, per- and polyfluoroalkyl

substances (PFAS), mercury switches, mold, radon, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety practices, ecological effects, endangered species, indoor air quality, and high voltage power lines were not addressed, unless specifically stated otherwise. Potential soil and/or groundwater impacts associated with agricultural and residential pesticides, fertilizers, and livestock activities are also beyond the scope of the ESA and were not evaluated for this report. Users of this report may refer to ASTM Standard E1527-21 for further information regarding these and other limitations.

This report is not definitive, and should not be assumed to be a complete or specific definition of all conditions above or below grade. Current subsurface conditions may differ from the conditions implied by subsurface observations or historical sources, and can be most reliably evaluated through intrusive techniques that are beyond the scope of a Phase I ESA. Information in this report is not intended to be used as a construction document, and should not be used for demolition, renovation, or other construction purposes. Deigan makes no representation or warranty that the past or current operations at the Subject Property are, or have been, in compliance with all applicable federal, state, and local laws, regulations and codes. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. Regardless of the findings stated in this report, Deigan is not responsible for consequences or conditions arising from facts that were not disclosed to Deigan during the assessment.

An independent data research company, EDR, was used to compile and provide a government agency database summary report. Information on properties in the vicinity of the Subject Property was requested for approximate minimum search distances, and was assumed to be correct and complete unless obviously contradicted by Deigan observations or other credible referenced sources reviewed during the assessment.

Reasonable efforts were made to identify evidence indicating the presence of known or unknown above ground storage tanks (ASTs), underground storage tanks (USTs), and ancillary equipment located and/or stored at the Subject Property during the assessment. “Reasonable efforts” were limited to observation of accessible areas, review of referenced public records, and/or interviews. These methods may not identify subsurface equipment or evidence hidden from view by things such as, but not limited to, snow cover, paving, construction activities, stored materials, and landscaping.

Deigan is not a professional title insurance company or land surveyor firm and makes no guarantee, explicit or implied, that any land title records acquired or reviewed, or any physical descriptions or depictions of the Subject Property in this report, represent a comprehensive definition or precise delineation of Subject Property ownership or boundaries.

Other assumptions, limitations, and exceptions that are specific to the scope of this report may be found in the corresponding sections.

The contents of this report are intended to be utilized only by the Client.

Data gaps were identified as:

- FOIA responses were not received from Office of State Fire Marshal.

# 2.0 Site Description and Reconnaissance

## 2.1 Project Location and Description

A plat of survey for the Subject Property was not available to D&A. The Client provided the following information for the Subject Property:

| | |
|---|---|
| Current Owner: | Maas Family Trust |
| Subject Property : | 9N636 IL ROUTE 47 |
| | Kane County |
| | Elgin, IL 60124. |
| PINs: | 05-29-100-001 |
| | 05-29-300-002 |
| | 05-20-300-007 |
| | 05-30-200-003 |
| | 05-30-200-009 |

User provided information is included in **Appendix B**.

The Subject Property consists of approximately 300 acres of land, is 1002 ft above mean seal level, and has a generally flat topography sloping East Northeast.

**Field Inspection**

| | |
|---|---|
| Date of inspection: | December 5, 2023 |
| Conducted by: | Gary J. Deigan, Principal |
| Accompanied by: | Michele Brady, Business Development Director |
| | Alan Maas, Shareholder of Subject Property |
| | Marlon Ricketts, Farm Manager and Real Estate Broker |

A photo log of the inspection is presented in **Appendix A**.

**The findings of our inspection are as follows:**

✓ No asbestos containing materials (ACM) were observed in barns, sheds, and other outer buildings. The Residence may have suspect floor tiles and ceiling tile. A pre-demolition asbestos survey is recommended.

✓ Many cans of paint, household cleaning items and chemicals were observed in the workshop and other outer buildings. The owner's rep recognizes that these items shall be removed and properly disposed upon vacancy.

✓ No evidence of heating oil tanks on the property. Propane has been the primary fuel since 1960.

✓ No current evidence of petroleum storage on the property but was likely present during peak farming periods.

✓ All corn silos were empty. It appears this farm was idle for past growing season(s).

✓ A couple of burn drums and a burn pit was observed in the farm field. These can be areas of potential concern if fuel or chemicals or debris are not fully combusted and leave residual on the soil surface.
✓ Agrichemicals were not observed at the property since farming has been idle but were likely in use during past peak farming times.
✓ The septic system was last cleaned and serviced 2 years ago.
✓ The property has one 30 ft. deep dug well servicing the residence and a 265 ft. augured well servicing the rest of the property. The Owner's Rep was not aware of any well testing or Health Dept. visits.

Deigan's observations made during the Subject Property field inspection do not indicate a REC for the Subject Property.

## 2.2 Soils/Geology

Soil at the Subject Property is described in the table below:

| Soil Name | Soil Texture | Soil Drainage Class | Depth Water Table |
|---|---|---|---|
| Lisbon | Silt Loam | Somewhat Poorly Drained | >46 Inches |
| Octagon | Silt Loam | Moderately Well Drained | >84 Inches |
| Elapso | Silty Clay Loam | Poorly Drained | >15 Inches |
| Wingate | Silt Loam | Moderately Well Drained | >84 Inches |
| Herbert | Silt Loam | Somewhat Poorly Drained | >38 Inches |

Additional information can be found in the GeoCheck section of the EDR Radius Map Report with GeoCheck (**Appendix C**).

## 2.3 Groundwater Hydrogeology

Estimated groundwater levels may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or dewatering operations. However, it is estimated that shallow/local groundwater flow would follow surface topography and flow to the Choose direction. A topographic map of the Subject Property and the surrounding area is included within the GeoCheck section of the EDR Radius Map Report with GeoCheck (**Appendix C**).

## 2.4 Surrounding Land Uses and "Observable" Conditions

The sections below describe properties adjacent to the Subject Property.

<u>Adjacent Properties to the North</u>
Agricultural: Farmland

Adjacent Properties to the East
Residential, Commercial, Aerospace, Agricultural: Small Commercial Airport, Residential, and Farmland.

Adjacent Properties to the South
Agricultural.: Farmland.

Adjacent Property to the West
Agricultural.: Farmland

Deigan's observations of adjoining properties do not indicate a REC for the Subject Property.

# 3.0 Historical Uses and Records Review

Reasonably ascertainable regulatory files were reviewed by Deigan. Deigan reviewed information from federal, state, and local databases for information to assist in identifying potential environmental concerns at the Subject Property and nearby properties. Records requests were made for the Subject Property pursuant to the Freedom of Information Act (FOIA). FOIA requests were made to Illinois EPA, Office of State Fire Marshall, Kane County Health Department, Elgin Building Department, and Elgin Fire Department

## 3.1 Current and Past Owners/Operations

The Subject Property is currently owned by Maas Family Trust. The most recent former owner of the Subject Property was Mass Family Trust. The Subject Property is idle farmland. Prior use included farmland.

## 3.2 Title Search / Environmental Lien Report

A title review and search for environmental liens and Activity Use Limitations (AULs) on the Subject Property was not included in the scope of this Phase I ESA. The ASTM E1527-21 Phase I Standard states it is the User of the Phase I's responsibility to perform a title search for environmental liens and activity and use limitations filed on recorded land title records. See section 3.6, Interviews and ASTM User Questionaire.

## 3.3 Freedom of Information Act (FOIA) Requests and Responses

Public records were requested from the agencies listed below. The full FOIA requests and responses are included in **Appendix D** to this report.

| Agency Contacted | Findings |
|---|---|
| Elgin Building Department | The Elgin Fire Department referred our request to Kane County for further information. |
| Elgin Fire Department | The Elgin Fire Department does not have any records related to our request. |
| Illinois EPA | The Illinois EPA does not have any records related to our request. |
| Illinois Office of State Fire Marshal | The Office of State Fire Marshal will respond to our request in the next two weeks. |
| Kane County Health Department | The Kane County Health Department does not have any records related to our request for Health records. Kane County did respond to our request for building records; permits for siding and roofing were made available and can be found in Appendix D. |

Deigan's review of FOIA responses do not indicate a REC for the Subject Property.

### 3.4 Environmental Database Review

Deigan reviewed information from federal, state, and local databases for information to assist in identifying potential environmental concerns at the Subject Property and nearby properties. A complete copy of the EDR Radius Map Report with GeoCheck (Database Report), is presented in **Appendix C** and includes useful summary maps and data tables depicting regulated environmental facilities in the vicinity of the Subject Property.

**Database Records for the Subject Property**

| **The Subject Property is not listed on the Database Report** |
|---|

Nearby properties of potential environmental concern are discussed below.

**Database Records for Nearby Properties**

| **Community Middle C.U.S.D #301**<br>**44W303 Plato Road**<br>**Burlington, IL 60109**<br>NW adjoining property, in an inferred hydraulically up-gradient position. | |
|---|---|
| LUST | ▪ Gasoline leak reported in 2 underground storage tanks while tanks were being removed 07/21/1997. An IEPA No Further Remediation Letter for this incident was issued 09/21/1998. |

Due to the specific location, topographic condition, inferred hydraulic gradient, distance from the Subject Property, and current regulatory status the above database listings do not pose a REC to the Subject Property.

Deigan reviewed all the remaining database listings in the Database Report. Due to their specific location, topographic condition, inferred hydraulic gradient, distance from the Subject Property, and/or current regulatory status the database listings do not pose a REC to the Subject Property.

### 3.5 Fire Insurance Maps, Aerial Photographs, Topography Maps and City Directories

Deigan requested historical Fire Insurance Maps (FIMs) for the Subject Property from EDR. The EDR Certified Sanborn Map Report (**Appendix E**) indicated the Subject Property is an unmapped location.

Deigan reviewed historical aerial photographs on EDR Historical Aerial Decade Package for the Subject Property and surrounding properties. Information from the reviewed photographs (**Appendix G**) is presented below.

| Date<br>EDR Historical Aerials | Description |
|---|---|
| 1939, 1953, 1958 | Mostly undeveloped property with the exception of a farm and farm structures presents in the southeast corner. |
| 1972, 1974, 1980, 1988, 1993, 1999, 2006, 2009, 2012, 2015, 2019 | Same as above, with more structures present on farm property as well as a pond. |

Deigan reviewed historical city directories contained in the EDR-City Directory Image Report **(Appendix F)** for the Subject Property and nearby properties. Occupants of the Subject Property listed in the city directories are summarized below.

| Year | Occupant |
|---|---|
| 2005 | Maas, Mable D. |
| 2010 | Maas, Harry<br>Nu-way Tree Moving, Inc |
| 2014 | Maas, Harry |
| 2020 | Marilyn Maas<br>Nu-way Tree Moving Inc |

Information reviewed in the Fire Insurance Maps, Aerial Photographs, Historical Topography Maps, and City Directories did not indicate a REC for the Subject Property.

Based on a review of historical documents, the Subject Property appears to have been used for farming operations and residential use since the 1960s.

### 3.6 Interviews and ASTM User Questionnaire

Ms. Esther Mongan, Superintendent of Central Community Unit School District 301, the Client, completed a User Questionnaire for the Subject Property. Ms. Mongan indicated she does not know of environmental liens or activity use limitation at the Subject Property. Ms. Mongan indicated she does not know the past use of the Subject Property, or of any chemical releases, spills, or cleanups at the Subject Property. A User Questionnaire completed by Ms. Mongan, is included in **Appendix I.**

Alan Maas, Shareholder of Subject Property, completed an owner questionnaire for the Subject Property. Mr. Haas indicated the Subject Property is not currently used for industrial use; past use is unknown to Mr. Haas. Mr. Haas indicated a 250 gallon above-ground diesel fuel tank (off-road) was previously present but was removed a few years ago.

The Owner Questionnaire is included in **Appendix I**.

### 3.7 Past Environmental Site Investigations

No prior environmental site investigations for the Subject Property were made available to D&A.

### 3.8 Vapor Encroachment Screen

Deigan conducted a Tier 1 Vapor Encroachment Screen utilizing generally accepted industry standards in order to determine if a Vapor Encroachment Condition (VEC) exists or does not exist. A VEC is defined as the *"presence or likely presence of Contaminant of Concern vapors in the vadose zone of the Target Property caused by the release of vapors from contaminated soil or groundwater either on or near the Target Property."* The Vapor Encroachment Screen is intended to comply with the practice for conducting a Tier 1 Vapor Encroachment Screen, as defined by the ASTM Standard Guide E2600-15. The Default Area of Concern was adjusted based on groundwater flow direction. Deigan evaluated known or suspect contaminated sites in the Adjusted Area of Concern as identified by government records investigation, historical research, and the site investigation. Deigan determined a VEC at the Subject Property does not exist.

### 3.9 Data Gaps and Analysis

Although Deigan has put in a significant effort to identify and review a variety of records during this investigation, it is impossible to remove all potential data gaps during the completion of a Phase I ESA. As required in §312.21(c)(2) of the final rule, an AAI report should document and discuss significant data gaps that affect the ability of the environmental professional to identify recognized environmental conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the Subject Property.

Data gaps were identified as:

- FOIA responses were not received from Office of State Fire Marshal.

# 4.0 Findings, Conclusions, and Opinions

A Phase I Environmental Site Assessment was conducted by Deigan for the Agricultural property commonly known as 9N636 IL ROUTE 47, Kane County, Elgin, IL 60124.

The Phase I ESA was completed in accordance with ASTM Standard E1527-21. Conclusions and opinions are based on the inquiries made during the assessment, a review of site conditions on December 5, 2023 and reasonably ascertainable reference documentation.

The primary objective of the Phase I Environmental Site Assessment was to identify the presence or likely presence, use, or release on the Subject Property of hazardous substances or petroleum products that constitute *RECs*, which are defined by the American Society for Testing and Materials Standard Practice E 1527-21 as "*the presence of hazardous substances or petroleum products in, on, or at the Subject Property due to release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or a likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment*." The Phase I Environmental Site Assessment includes a review of environmental regulatory agency databases, historical documents, and visual observation of the Subject Property and neighboring properties.

In accordance with ASTME 1527-21, the following statement is made.

> *We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-21of the Subject Property commonly known as 9N636 IL ROUTE 47, Kane County, Elgin, IL 60124.. Any exceptions to, or deletions from, this practice are described in* ***Section 1.0*** *of this report. This assessment has revealed no evidence of RECs, Historical RECs (HRECs), or Controlled RECs (CRECs).*

Based on the findings of our Phase I ESA investigations dated December 18, 2023, Deigan recommends:

Further review consisting of

- A Limited Phase II Environmental Testing based on future use of land by students.

These conclusions and opinions are subject to the limitations and disclaimers expressed within **Section 5** of this Phase I ESA report.

# 5.0 Report Limitations and Disclaimer

This report has been prepared solely and exclusively for the use of Central Community Unit School District 301. (the Client) and its lenders. This report is not for the use or benefit of, nor may it be relied upon by any other person or entity, for any purpose without the advance written consent of Deigan. Any reliance by others who are not a party to this agreement shall be at their sole risk and without extending liability to Deigan. The contents of this report are intended to be utilized only by Central Community Unit School District 301. The limit of Deigan's liability for this Phase I Environmental Site Assessment (ESA) Report extend to the Client, for any loss or damages from claims arising out of or in connection with this work from any cause including Deigan strict liability, breach of contract or professional negligence, errors and omissions, and are defined in our General Terms and Conditions presented in the Proposal and Work Agreement.

The property assessment (site visit) was performed by Deigan at the request of the Client using the methods and procedures consistent with good commercial and customary practice. Deigan has prepared this Phase I ESA in accordance with ASTM Standard E1527-21. The evaluation of current conditions is based on readily observable conditions existing on the property during the date of the site visit specified in the report.

Past conditions were considered on the basis of observations, readily available records interviews and recollections. Deigan cannot attest to the completeness, veracity or accuracy of the records and recollections. Deigan cannot attest to the accuracy of the information obtained by others or its compliance with the AAI Rule and ASTM Standard. Documentation and data provided by Central Community Unit School District 301, designated representatives of Central Community Unit School District 301, or other interested third parties, or from the public domain and referred to in the preparation of this assessment, have been used and referenced with the understanding that Deigan assumes no responsibility of liability for their accuracy. In expressing the opinions stated in this report, Deigan has exercised the degree of skill and care ordinarily exercised by a reasonable prudent environmental professional in the same community and in the same time frame given the same or similar facts and circumstances.

To the extent "Data Gaps" have been identified in this report, Deigan has endeavored to comment on the significance of those data gaps. However, Deigan cannot and does not warrant or guarantee that no significant events, releases or conditions arose during periods such as data gaps.

Data gaps were identified as:

- FOIA responses were not received from Office of State Fire Marshal.

This Phase I ESA did not and cannot address the possibility of conditions existing on, within, beneath, or adjacent to the property that would not be reasonably identifiable from the available sources of information that comprise the Phase I environmental assessment

scope of work outlined in this report. It is possible that past contamination remains undiscovered or conditions will change on the Subject Property in the future. This report is based on currently effective and applicable environmental regulations. Future regulatory modifications, agency interpretations, and/or attitude changes may affect the environmental status of the Subject Property with respect to regulatory compliance. Deigan does not warrant or guarantee the Subject Property suitable for any particular purpose or certify the property as free of contamination or "clean".

# 6.0 Certification of Environmental Professional

Notwithstanding the limitations and disclaimer stated in **Section 6** of this report, I, Gary J. Deigan, Principal, of Deigan pursuant to the provisions of 415 ILCS 5/22.2(j)(6)(E), affirm and certify the following:

1. I am an "Environmental Professional" as that term is defined in Section 312.10 of 40 CFR Part 312.10 and that I possess specific qualifications appropriate to conduct a Phase I Environmental Site Assessment Report of the Subject Property described in **Section 2.0** of this report.

2. I prepared and/or oversaw the preparation of the foregoing Phase I Environmental Site Assessment (ESA) Report, dated December 18, 2023, concerning the Subject Property described in **Section 2.0** of this report. In the course of preparing the foregoing report, I prepared this report in accordance with ASTM Standard E1527-21.

3. The information contained in the foregoing Phase I ESA report on the Subject Property was gathered by me or by qualified individuals under my direction and is reported as submitted by the various reporting agencies used in compilation of data to complete this report. There have been no changes, alterations or modifications.

4. The facts stated in the Report are believed true and are made under penalty of perjury as defined in 720 ILCS 5/32-2.

5. I am capable of objectively conducting environmental assessments and investigations, such as that described in the foregoing report, through my academic training, occupational experience, and reputation, which are described truly and correctly in the attached Professional Profile (**Appendix K**).

6. Deigan maintains environmental consultants' professional liability insurance, in the amount of at least $500,000, issued by an insurance company licensed to do business in Illinois.



December 18, 2023

**Gary J. Deigan** **Date**
**Principal**
**the deigan group**

# Figures

Figure 1 Subject Property Location Map

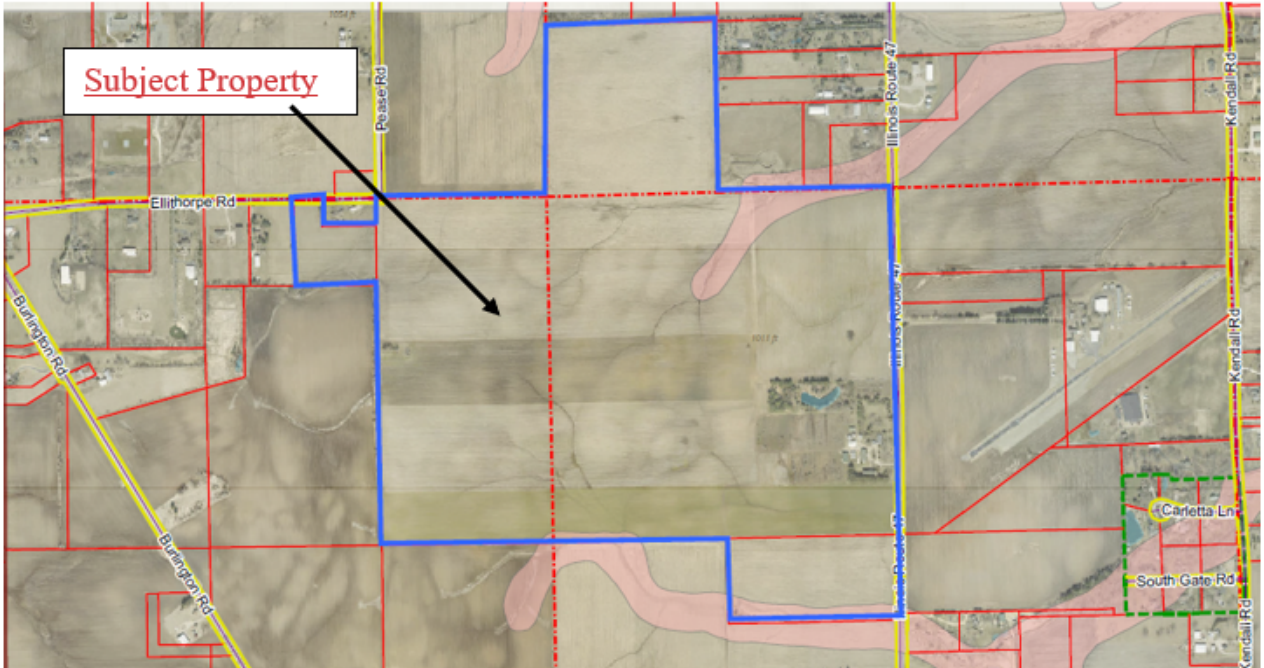

Subject Property
Pease Rd
Illinois Route 47
Kendall Rd
Ellithorpe Rd
Burlington Rd
Burlington Rd
Carletta Ln
South Gate Rd
Kendall Rd

***Figure 1***

# Appendix A

## Photo-Documentation of Site Visit



Residence South Facing



Residence Basement HVAC



Residence Basement HVAC



Residence Basement Floor Drain



Residence Basement Storage



Residence Basement Living Area



Residence Basement Restroom



Residence Basement Electrical Panel



Subject Property East Facing



Subject Property North Facing



Subject Property South Facing



Transformers for Grain Silos



Retention Pond North of Barns and Residence



Pond-Adjacent Shack



Propane Tank Next to Grain Silos



Propane Tank Next To Shed



Barn



Barn Interior



Lower Level Barn



Interior Beams



265 Ft. Drilled Water Well



Yard Hydrant



Septic Tanks



Empty Grain Silos



Workshop— Storage






Workshop—Paint Cans and Housekeeping Items





Workshop—Upper Level and Storage





Workshop Floor Drains




Metal Shed Barns



Metal Shed Barn 1 Interior



Metal Shed Barn 2 Interior



Metal Shed Barn 3 Interior



Personal Property Storage in On-Site Trailer



Farm Field Burn Pile North of Residence and Barns

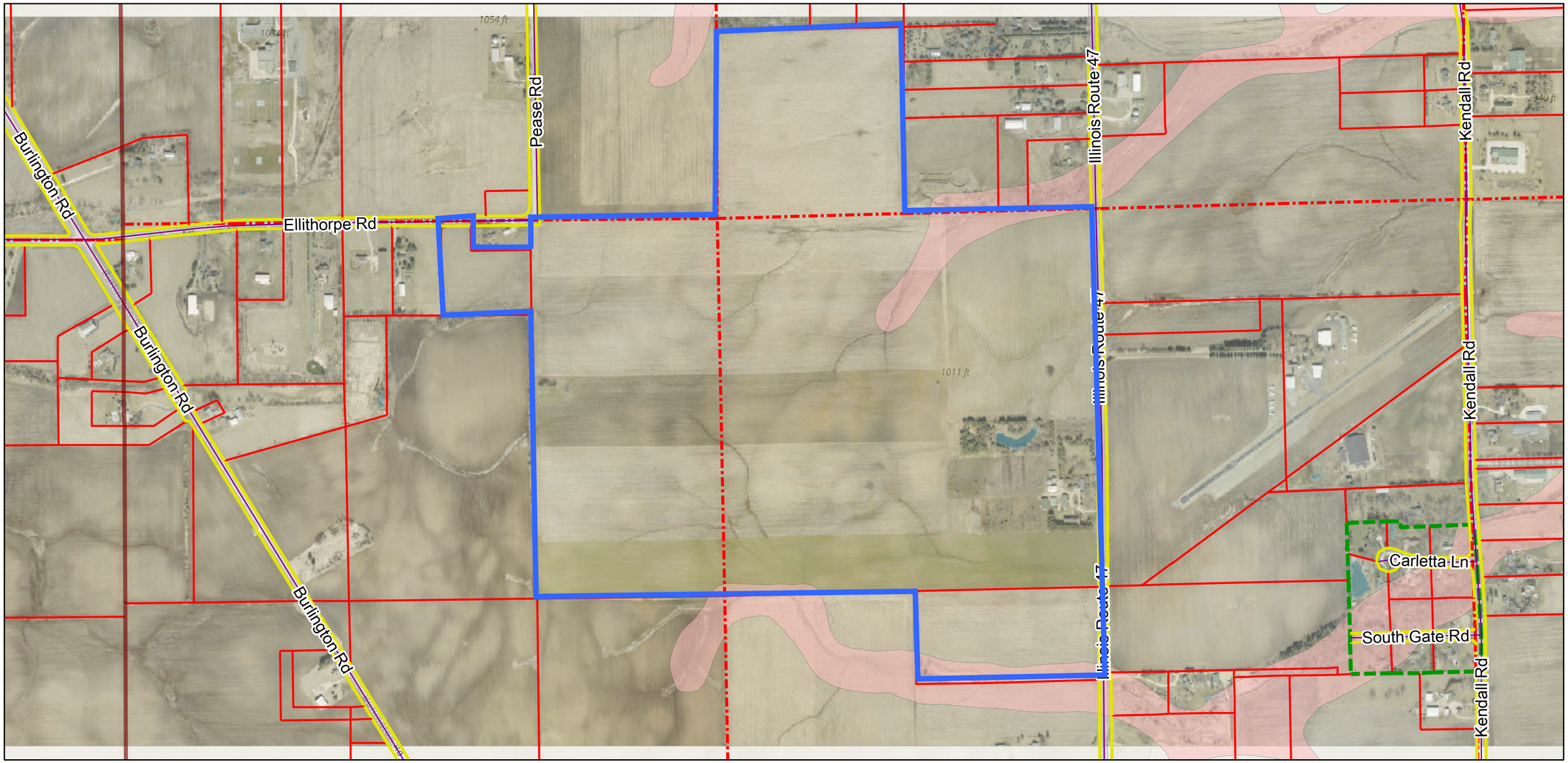


Burn Drum in Farm Field

# Appendix B

## User Provided Information

# KaneGIS4




7/31/2023

1:11,050

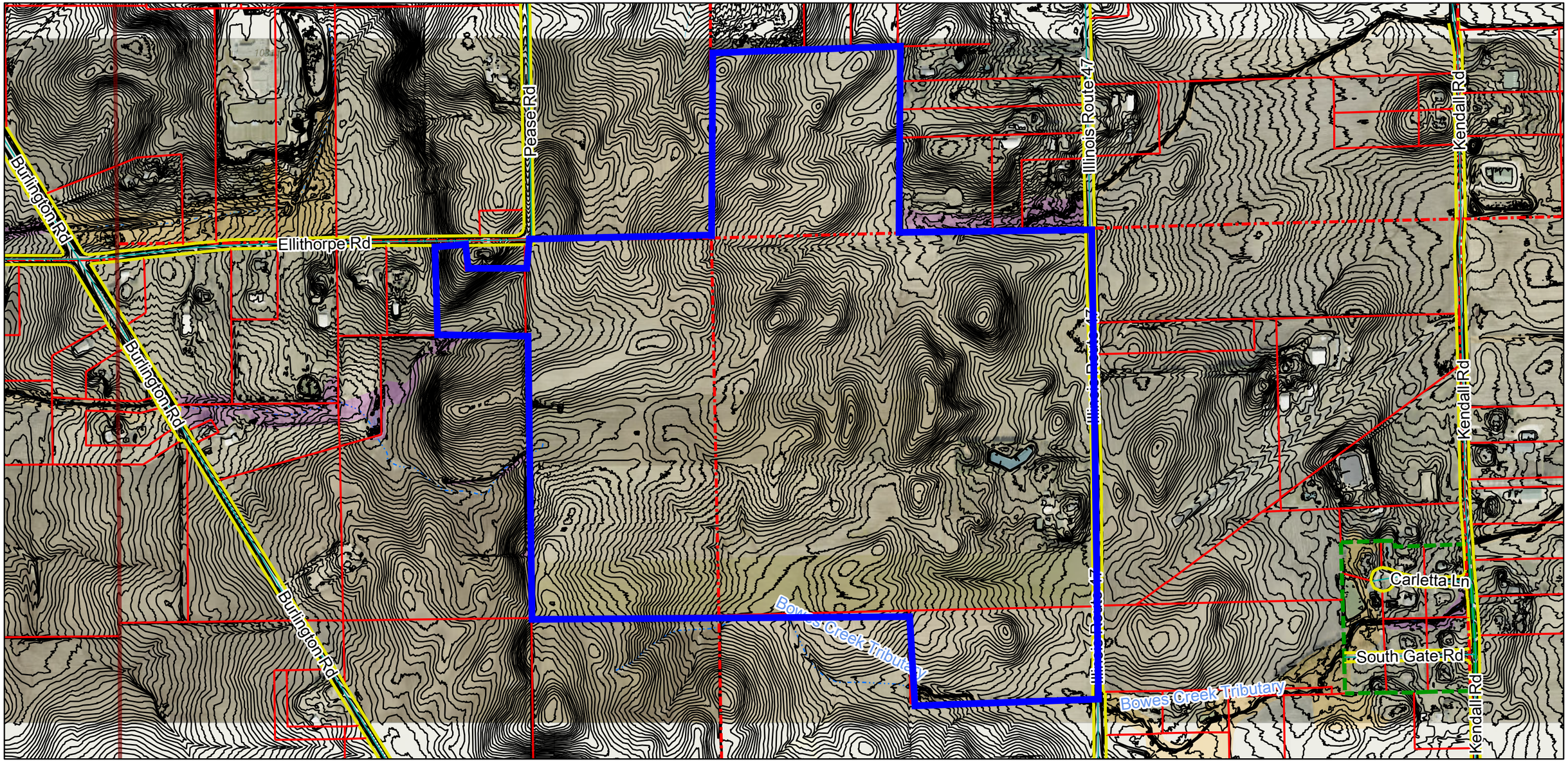
0 0.07 0.15 0.3 mi

0 0.15 0.3 0.6 km

Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, County of Kane, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

These layers do not represent a survey. No Accuracy is assumed
records, including plats, surveys, recorded deeds, and contracts, and only contains information required for local government purposes. See the recorded documents for more detailed legal information.

# KaneGIS4




7/31/2023

1:11,050

0 0.07 0.15 0.3 mi

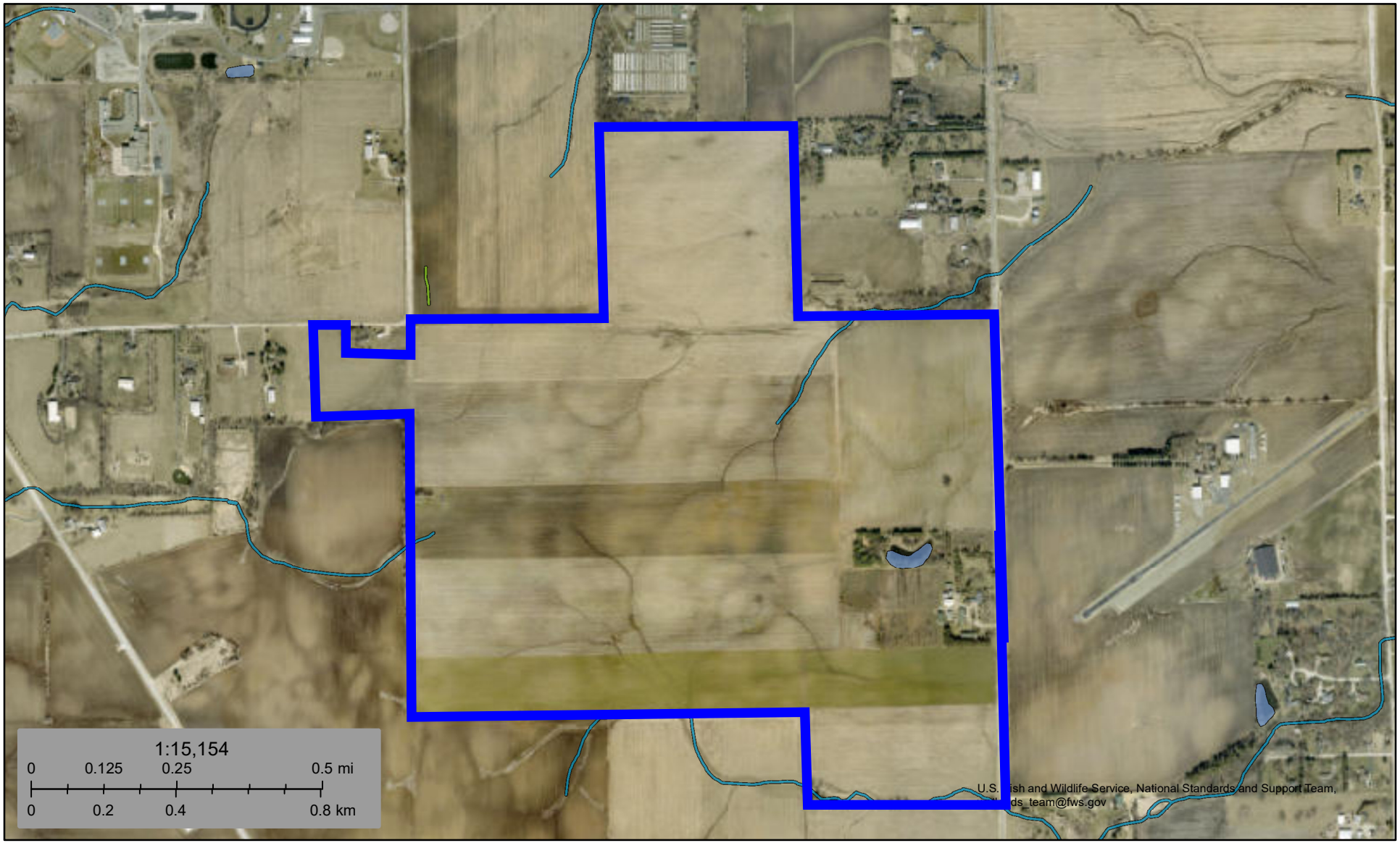
0 0.15 0.3 0.6 km

Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, County of Kane, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

These layers do not represent a survey. No Accuracy is assumed
records, including plats, surveys, recorded deeds, and contracts, and only contains information required for local government purposes. See the recorded documents for more detailed legal information.

U.S. Fish and Wildlife Service
National Wetlands Inventory

# USFW Wetlands Map




August 3, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

# Appendix C

EDR Radius Map with GeoCheck

**Proj #23-065 Community School Dist 301**
9N636 IL-47
Elgin, IL  60124

Inquiry Number: 7504249.2s
November 22, 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

9N636 IL-47
ELGIN, IL 60124

### COORDINATES

| | |
|---|---|
| Latitude (North): | 42.0083970 - 42° 0' 30.22'' |
| Longitude (West): | 88.4686690 - 88° 28' 7.20'' |
| Universal Tranverse Mercator: | Zone 16 |
| UTM X (Meters): | 378379.6 |
| UTM Y (Meters): | 4651538.5 |
| Elevation: | 1002 ft. above sea level |

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

| | |
|---|---|
| Target Property Map: | 24264830 PINGREE GROVE, IL |
| Version Date: | 2021 |
| South Map: | 24266813 ELBURN, IL |
| Version Date: | 2021 |
| Southwest Map: | 24266843 MAPLE PARK, IL |
| Version Date: | 2021 |
| Northwest Map: | 24264810 HAMPSHIRE, IL |
| Version Date: | 2021 |

## AERIAL PHOTOGRAPHY IN THIS REPORT

| | |
|---|---|
| Portions of Photo from: | 20190809 |
| Source: | USDA |

# MAPPED SITES SUMMARY

Target Property Address:
9N636 IL-47
ELGIN, IL 60124

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---|---|---|---|---|---|
| A1 | COMMUNITY MIDDLE C.U | 44W303 PLATO RD. | LUST | Higher | 1472, 0.279, NW |
| A2 | CENTRAL MIDDLE C.U.S | 44W303 PLATO RD. | LUST | Higher | 1472, 0.279, NW |

# 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***

CCDD..... Clean Construction or Demolition Debris
SWF/LF..... Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge
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***

INDIAN VCP..... Voluntary Cleanup Priority Listing
SRP..... Site Remediation Program Database

***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

| | |
|---|---|
| DEBRIS REGION 9 | Torres Martinez Reservation Illegal Dump Site Locations |
| ODI | Open Dump Inventory |
| 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 |
| ABANDONED MINES | Abandoned Mines |

MINES MRDS Mineral Resources Data System
FINDS Facility Index System/Facility Registry System
DOCKET HWC Hazardous Waste Compliance Docket Listing
UXO Unexploded Ordnance Sites
ECHO Enforcement & Compliance History Information
FUELS PROGRAM EPA Fuels Program Registered Listing
PFAS NPL Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES Federal Sites PFAS Information
PFAS TSCA PFAS Manufacture and Imports Information
PFAS TRIS List of PFAS Added to the TRI
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
PFAS PFAS Sampling Listing
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.

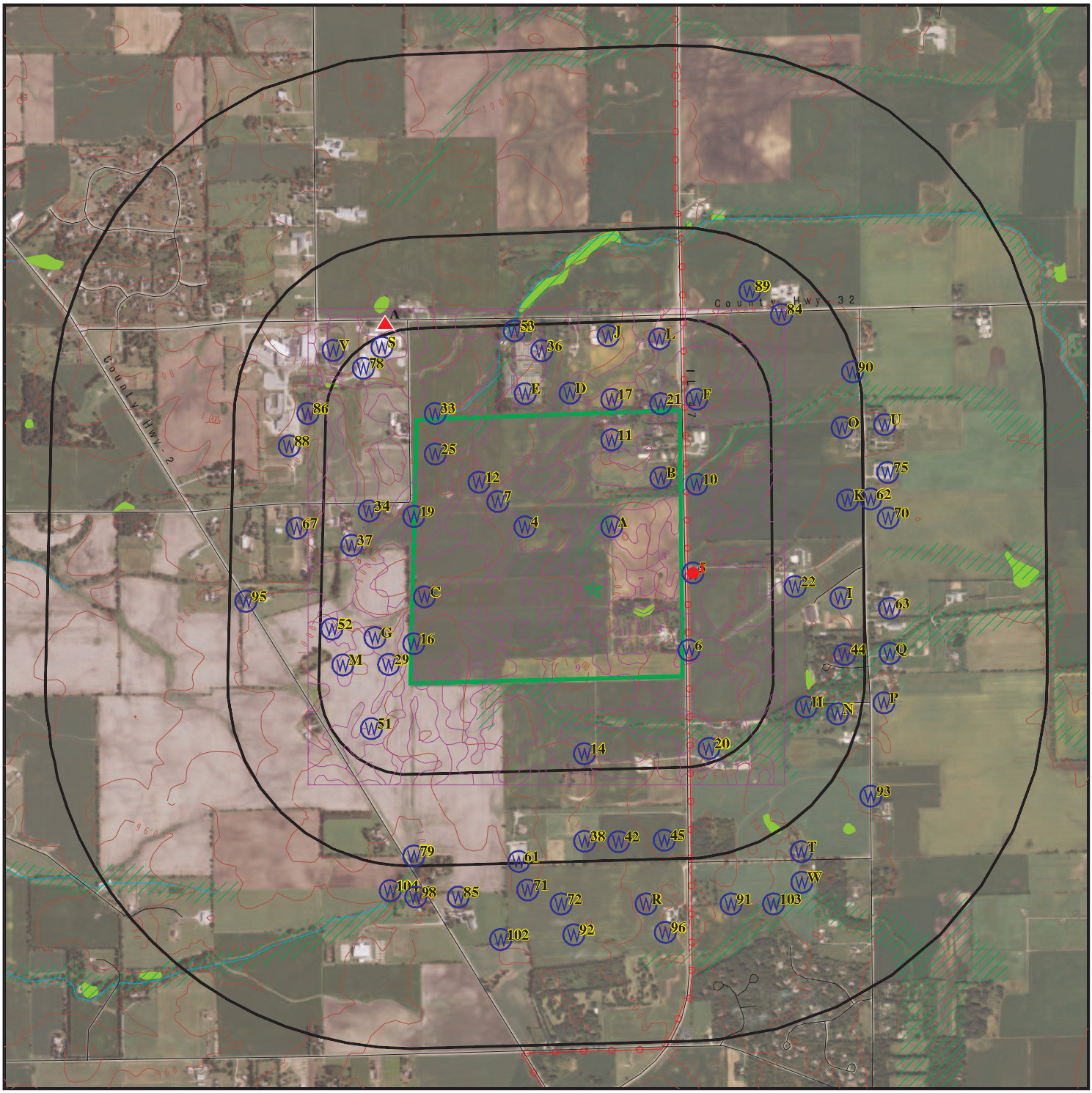
A review of the LUST list, as provided by EDR, and dated 07/17/2023 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| COMMUNITY MIDDLE C.U<br>NFA/NFR Letter: 1998-08-20<br>Incident Num: 971308<br>IL EPA Id: 890155007 | 44W303 PLATO RD. | NW 1/4 - 1/2 (0.279 mi.) | A1 | 8 |
| CENTRAL MIDDLE C.U.S<br>NFA/NFR Letter: 1997-10-21<br>Incident Num: 971305<br>IL EPA Id: 890155007 | 44W303 PLATO RD. | NW 1/4 - 1/2 (0.279 mi.) | A2 | 8 |

# EXECUTIVE SUMMARY

There were no unmapped sites in this report.

# OVERVIEW MAP - 7504249.2S




0 1/4 1/2 1 Miles

N

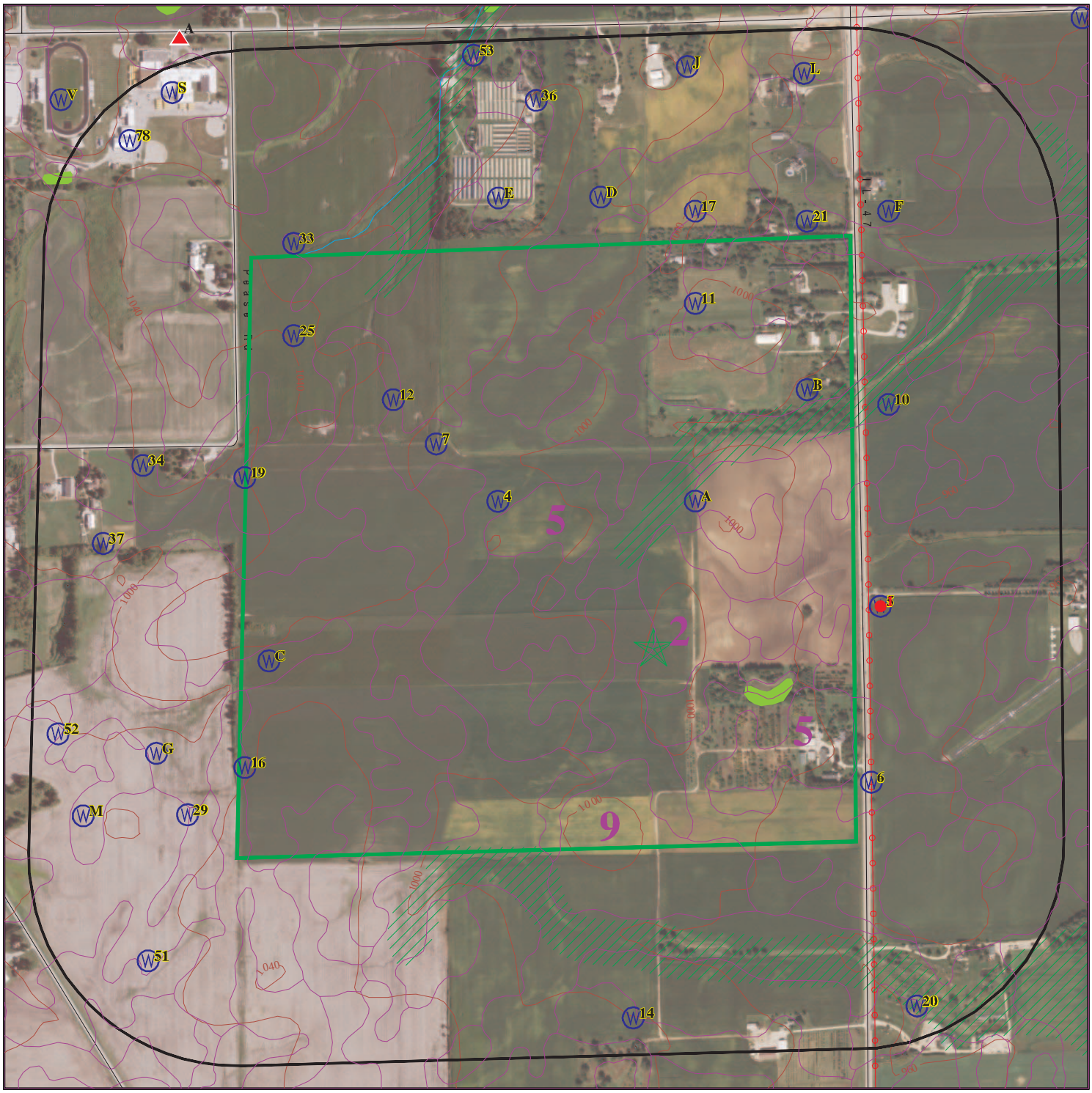
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 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: | Proj #23-065 Community School Dist 301 | CLIENT: | Deigan and Assoc. |
| ADDRESS: | 9N636 IL-47<br>Elgin IL 60124 | CONTACT: | MICHELE BRADY |
| | | INQUIRY #: | 7504249.2s |
| LAT/LONG: | 42.008397 / 88.468669 | DATE: | November 22, 2023 1:34 pm |

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# DETAIL MAP - 7504249.2S




0 1/8 1/4 1/2 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: | Proj #23-065 Community School Dist 301 | CLIENT: | Deigan and Assoc. |
| ADDRESS: | 9N636 IL-47<br>Elgin IL 60124 | CONTACT: | MICHELE BRADY |
| | | INQUIRY #: | 7504249.2s |
| LAT/LONG: | 42.008397 / 88.468669 | DATE: | November 22, 2023 1:35 pm |

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# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| **STANDARD ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Lists of Federal NPL (Superfund) sites*** | | | | | | | | |
| NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Proposed NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| NPL LIENS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal Delisted NPL sites*** | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Lists of Federal sites subject to CERCLA removals and CERCLA orders*** | | | | | | | | |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SEMS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal CERCLA sites with NFRAP*** | | | | | | | | |
| SEMS-ARCHIVE | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Lists of Federal RCRA facilities undergoing Corrective Action*** | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 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 | 0.001 | | 0 | 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*** | | | | | | | | |
| CCDD | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SWF/LF | 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 | 2 | NR | NR | 2 |
| 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*** | | | | | | | | |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SRP | 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 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| IHS OPEN DUMPS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Hazardous waste / Contaminated Sites*** | | | | | | | | |
| US HIST CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US CDL | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Local Land Records*** | | | | | | | | |
| LIENS 2 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ***Records of Emergency Release Reports*** | | | | | | | | |
| HMIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SPILLS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SPILLS 90 | 0.001 | | 0 | 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 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TSCA | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| TRIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| SSTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ROD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| RMP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RAATS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PRP | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PADS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ICIS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| MLTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH DOE | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| PCB TRANSFORMER | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RADINFO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HIST FTTS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOT OPS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| CONSENT | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| INDIAN RESERV | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUSRAP | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LEAD SMELTERS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US AIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| US MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ABANDONED MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| MINES MRDS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| FINDS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| DOCKET HWC | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UXO | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ECHO | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| FUELS PROGRAM | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS NPL | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS FEDERAL SITES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS TSCA | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PFAS TRIS | 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 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PFAS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| AIRS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| ASBESTOS | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| BOL | 0.001 | | 0 | 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 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| HWAR | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| IMPDMENT | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| NPDES | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| PIMW | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TIER 2 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| UIC | 0.001 | | 0 | 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 | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RGA LF | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| RGA LUST | 0.001 | | 0 | NR | NR | NR | NR | 0 |
| - Totals -- | | 0 | 0 | 0 | 2 | 0 | 0 | 2 |

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

**A1**
**NW**
**1/4-1/2**
**0.279 mi.**
**1472 ft.**

**COMMUNITY MIDDLE C.U.S.D. #301**
**44W303 PLATO RD.**
**BURLINGTON, IL 60109**

**Site 1 of 2 in cluster A**

**LUST** **S104003505**
**N/A**

**Relative:**
**Higher**

**Actual:**
**1034 ft.**

LUST:

| | |
|---|---|
| Name: | COMMUNITY MIDDLE C.U.S.D. #301 |
| Address: | 44W303 PLATO RD. |
| City,State,Zip: | BURLINGTON, IL 60109 |
| Incident Num: | 971308 |
| IL EPA Id: | 890155007 |
| Product: | Gasoline, Diesel |
| IEMA Date: | 1997-07-21 |
| Project Manager: | Hale |
| Project Manager Phone: | Not reported |
| Email: | Not reported |
| PRP Name: | Community Middle C.U.S.D. #301 |
| PRP Contact: | Mike Tehan |
| PRP Address: | 275 South St. |
| PRP City,St,Zip: | Burlington, IL 60109 |
| PRP Phone: | Not reported |
| Site Classification: | NFA |
| Section 57.5(g) Letter: | 732 |
| Date Section 57.5(g) Letter: | Not reported |
| Non LUST Determination Letter: | Not reported |
| 20 Report Received: | 1997-09-22 |
| 45 Report Received: | 1997-09-22 |
| **No Further Remediation Letter:** | **1998-08-20** |
| No Further Remediation Date Recorded: | 1998-09-21 |
| Heating Oil Date: | Not reported |
| Non-Lust LR Date: | Not reported |

---

**A2**
**NW**
**1/4-1/2**
**0.279 mi.**
**1472 ft.**

**CENTRAL MIDDLE C.U.S.D. #301**
**44W303 PLATO RD.**
**BURLINGTON, IL 60109**

**Site 2 of 2 in cluster A**

**LUST** **S103692033**
**N/A**

**Relative:**
**Higher**

**Actual:**
**1034 ft.**

LUST:

| | |
|---|---|
| Name: | CENTRAL MIDDLE C.U.S.D. #301 |
| Address: | 44W303 PLATO RD. |
| City,State,Zip: | BURLINGTON, IL 60109 |
| Incident Num: | 971305 |
| IL EPA Id: | 890155007 |
| Product: | Gasoline |
| IEMA Date: | 1997-07-21 |
| Project Manager: | Putrich |
| Project Manager Phone: | (217) 524-4827 |
| Email: | Steve.Putrich@illinois.gov |
| PRP Name: | Central Middle C.U.S.D. #301 |
| PRP Contact: | Mike Pehan |
| PRP Address: | P.O. Box 396, 275 South St. |
| PRP City,St,Zip: | Burlington, IL 60109 |
| PRP Phone: | Not reported |
| 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: | 1997-09-26 |

**CENTRAL MIDDLE C.U.S.D. #301 (Continued)** **S103692033**

45 Report Received: 1997-09-26
**No Further Remediation Letter: 1997-10-21**
No Further Remediation Date Recorded:1998-09-21
Heating Oil Date: Not reported
Non-Lust LR Date: Not reported

Count: 0 records.

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|---|---|---|---|---|---|
| | | NO SITES FOUND | | | |

# 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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2023
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/02/2023
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/02/2023
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: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
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: 10/16/2023
Next Scheduled EDR Contact: 01/29/2024
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: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
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: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
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***

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: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
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: 07/05/2023
Date Data Arrived at EDR: 08/14/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 78

Source: State Fire Marshal
Telephone: 217-785-1011
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
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 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 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: 10/19/2023
Next Scheduled EDR Contact: 01/29/2024
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: 10/17/2023
Next Scheduled EDR Contact: 01/29/2024
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: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

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

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

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: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
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: 08/21/2023
Date Data Arrived at EDR: 08/21/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 78

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2023
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: 09/18/2023
Date Data Arrived at EDR: 09/20/2023
Date Made Active in Reports: 11/14/2023
Number of Days to Update: 55
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

IEMA SPILLS: Illinois Emergency Management Agency Spills
A listing of hazardous materials incidents reported to the Illinois Emergency Management Agency.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 10/13/2023
Number of Days to Update: 80
Source: Illinois Emergency Management Agency
Telephone: 217-524-0770
Last EDR Contact: 10/24/2023
Next Scheduled EDR Contact: 02/05/2024
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

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: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
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: 11/08/2023
Next Scheduled EDR Contact: 02/19/2024
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: 10/31/2023
Next Scheduled EDR Contact: 02/12/2024
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: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
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: 08/18/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 81

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/13/2023
Next Scheduled EDR Contact: 02/26/2024
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: 10/20/2023
Next Scheduled EDR Contact: 01/29/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/01/2023
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/01/2023
Next Scheduled EDR Contact: 02/12/2024
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: 11/03/2023
Next Scheduled EDR Contact: 02/12/2024
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: 02/05/2024
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: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
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: 11/09/2023
Next Scheduled EDR Contact: 02/26/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/01/2023
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

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: 02/19/2024
Data Release Frequency: Quarterly

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: 08/01/2023
Date Data Arrived at EDR: 08/22/2023
Date Made Active in Reports: 11/07/2023
Number of Days to Update: 77

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/17/2023
Next Scheduled EDR Contact: 03/04/2024
Data Release Frequency: Semi-Annually

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: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
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: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
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: 11/20/2023
Next Scheduled EDR Contact: 03/04/2024
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: 11/03/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/20/2023
Number of Days to Update: 12

Source: EPA
Telephone: (312) 353-2000
Last EDR Contact: 11/08/2023
Next Scheduled EDR Contact: 03/11/2024
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: 11/15/2023
Next Scheduled EDR Contact: 03/04/2024
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: 08/14/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 65

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
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 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 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 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: 10/23/2023
Next Scheduled EDR Contact: 02/05/2024
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: 01/29/2024
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: 11/15/2023
Next Scheduled EDR Contact: 03/04/2024
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: 11/15/2023
Next Scheduled EDR Contact: 03/04/2024
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: 08/03/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 77

Source: Drycleaner Environmental Response Trust Fund of Illinois
Telephone: 800-765-4041
Last EDR Contact: 11/10/2023
Next Scheduled EDR Contact: 02/26/2024
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: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
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: 11/02/2023
Next Scheduled EDR Contact: 02/19/2024
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: 11/08/2023
Next Scheduled EDR Contact: 02/26/2024
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: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/07/2023
Next Scheduled EDR Contact: 02/19/2024
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: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
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: 11/09/2022
Next Scheduled EDR Contact: 02/26/2024
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**

PROJ #23-065 COMMUNITY SCHOOL DIST 301
9N636 IL-47
ELGIN, IL 60124

**TARGET PROPERTY COORDINATES**

| | |
|---|---|
| Latitude (North): | 42.008397 - 42° 0' 30.23'' |
| Longitude (West): | 88.468669 - 88° 28' 7.21'' |
| Universal Tranverse Mercator: | Zone 16 |
| UTM X (Meters): | 378379.6 |
| UTM Y (Meters): | 4651538.5 |
| Elevation: | 1002 ft. above sea level |

**USGS TOPOGRAPHIC MAP**

| | |
|---|---|
| Target Property Map: | 24264830 PINGREE GROVE, IL |
| Version Date: | 2021 |
| South Map: | 24266813 ELBURN, IL |
| Version Date: | 2021 |
| Southwest Map: | 24266843 MAPLE PARK, IL |
| Version Date: | 2021 |
| Northwest Map: | 24264810 HAMPSHIRE, IL |
| Version Date: | 2021 |

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).

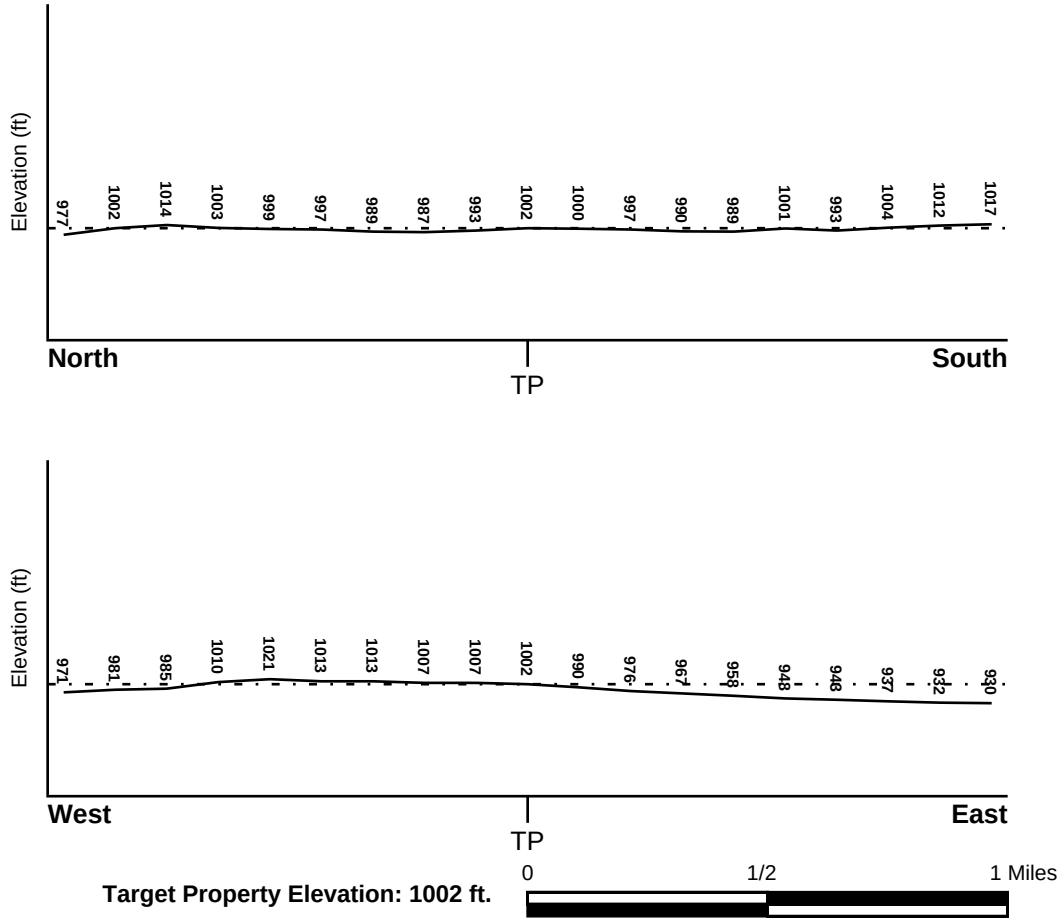
**TOPOGRAPHIC INFORMATION**

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 ENE

**SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**




**Target Property Elevation: 1002 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 |
|---|---|
| 17089C0139H | FEMA FIRM Flood data |

| Additional Panels in search area: | FEMA Source Type |
|---|---|
| 17089C0140H | FEMA FIRM Flood data |
| 17089C0250J | FEMA FIRM Flood data |

### NATIONAL WETLAND INVENTORY

| NWI Quad at Target Property | NWI Electronic Data Coverage |
|---|---|
| PINGREE GROVE | 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**

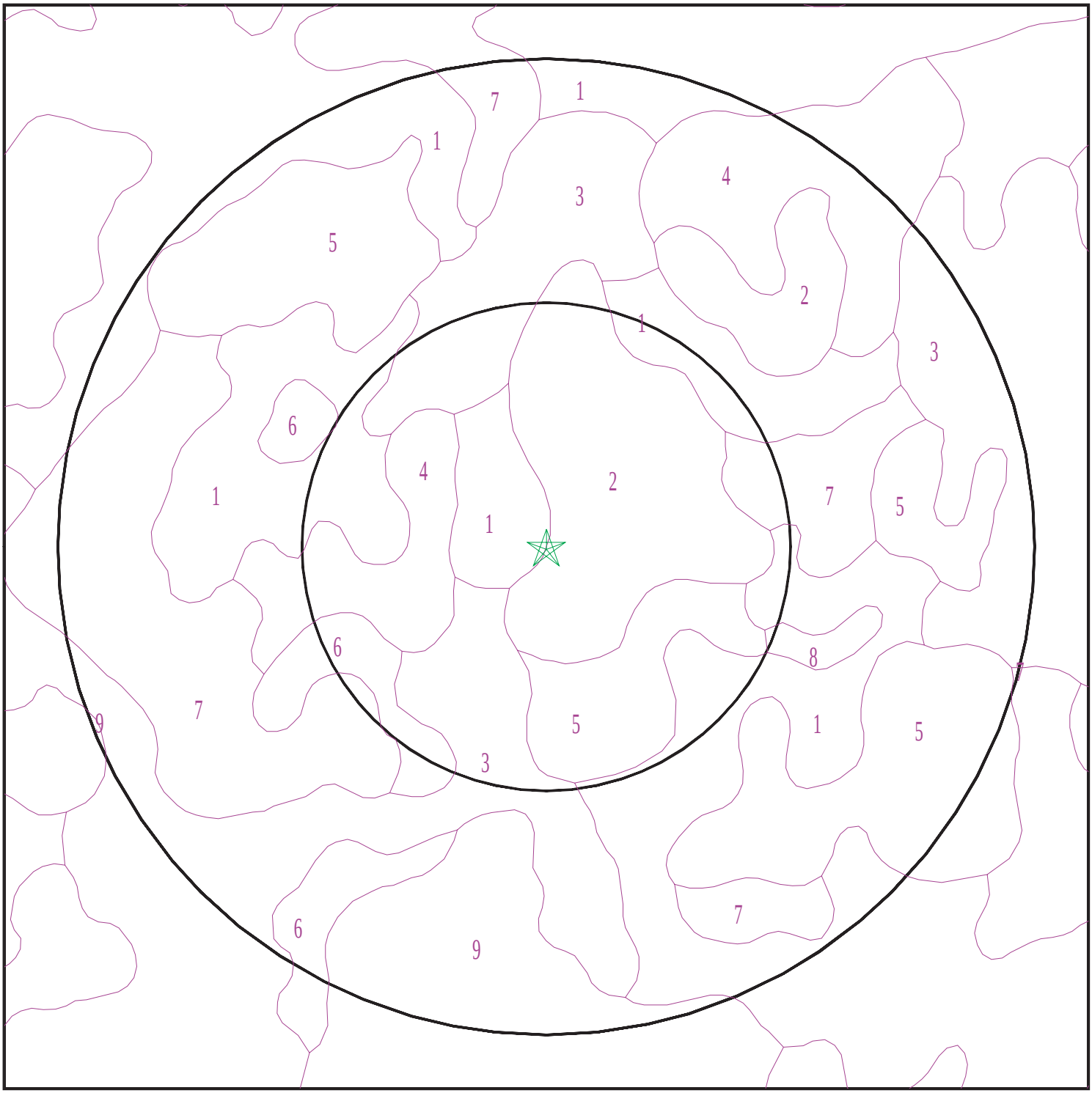
| | |
|---|---|
| Era: | Paleozoic |
| System: | Silurian |
| Series: | Middle Silurian (Niagoaran) |
| Code: | S2 *(decoded above as Era, System & Series)* |

**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 - 7504249.2s




★ Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

| | | | |
|---|---|---|---|
| SITE NAME: | Proj #23-065 Community School Dist 301 | CLIENT: | Deigan and Assoc. |
| ADDRESS: | 9N636 IL-47<br>Elgin IL 60124 | CONTACT: | MICHELE BRADY |
| | | INQUIRY #: | 7504249.2s |
| LAT/LONG: | 42.008397 / 88.468669 | DATE: | November 22, 2023 1:35 pm |

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# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

---

**Soil Map ID: 1**

Soil Component Name: Lisbon

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 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 | 11 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: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 2 | 11 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: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 3 | 35 inches | 38 inches | clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 4 | 38 inches | 70 inches | loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |

---

**Soil Map ID: 2**

Soil Component Name: Octagon

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 7 inches | silt loam | Not reported | Not reported | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 2 | 7 inches | 27 inches | | Not reported | Not reported | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 3 | 27 inches | 59 inches | | Not reported | Not reported | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 3**

Soil Component Name: Elpaso

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse 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 | 0 inches | 20 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 2 | 20 inches | 44 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 3 | 44 inches | 68 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 4 | 68 inches | 79 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |

**Soil Map ID: 4**

Soil Component Name: Octagon

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

**Soil Layer Information**

| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
|---|---|---|---|---|---|---|---|
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 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: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 2 | 7 inches | 29 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: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 3 | 29 inches | 59 inches | 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: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |

**Soil Map ID: 5**

Soil Component Name: Wingate

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 7 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: 4.23 Min: 1.41 | Max: 8.4 Min: 6.6 |
| 2 | 7 inches | 25 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: 8.4 Min: 6.6 |
| 3 | 25 inches | 46 inches | 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: 8.4 Min: 6.6 |
| 4 | 46 inches | 59 inches | 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: 8.4 Min: 6.6 |

---

**Soil Map ID: 6**

Soil Component Name: Herbert

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 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), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 2 | 7 inches | 11 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: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 3 | 11 inches | 25 inches | silty clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 4 | 25 inches | 35 inches | clay loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 5 | 35 inches | 59 inches | loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |

---

**Soil Map ID: 7**

Soil Component Name: Wingate

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 9 inches | silt loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils. | FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay | Max: 14.11 Min: 4.23 | Max: 7.3 Min: 5.1 |
| 2 | 11 inches | 27 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: 14.11 Min: 4.23 | Max: 7.3 Min: 5.1 |
| 3 | 27 inches | 51 inches | 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: 14.11 Min: 4.23 | Max: 7.3 Min: 5.1 |
| 4 | 51 inches | 59 inches | 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: 14.11 Min: 4.23 | Max: 7.3 Min: 5.1 |
| 5 | 9 inches | 11 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: 14.11 Min: 4.23 | Max: 7.3 Min: 5.1 |

---

**Soil Map ID: 8**

Soil Component Name: Water

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

---

**Soil Map ID: 9**

Soil Component Name: Octagon

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 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: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 2 | 7 inches | 29 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: 4.23<br>Min: 1.41 | Max: 8.4<br>Min: 7.4 |
| 3 | 29 inches | 59 inches | 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: 4.23<br>Min: 1.41 | Max: 8.4<br>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 |
|---|---|---|
| No Wells Found | | |

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| No PWS System Found | | |

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| A1 | ILPW40549 | 1/8 - 1/4 Mile NNE |
| A2 | ILPW40550 | 1/8 - 1/4 Mile NNE |
| A3 | ILPW40551 | 1/8 - 1/4 Mile NNE |
| 4 | ILSG40000130827 | 1/4 - 1/2 Mile NW |
| 5 | ILSG40000131271 | 1/4 - 1/2 Mile East |
| 6 | ILPW40834 | 1/4 - 1/2 Mile ESE |
| 7 | ILPW40845 | 1/4 - 1/2 Mile NW |
| B8 | ILSG40000129105 | 1/4 - 1/2 Mile NNE |
| B9 | ILSG40000130808 | 1/4 - 1/2 Mile NNE |
| 10 | ILPW40545 | 1/4 - 1/2 Mile NE |
| 11 | ILPW40552 | 1/4 - 1/2 Mile North |
| 12 | ILSG40000137046 | 1/4 - 1/2 Mile NW |
| C13 | ILSG40000126662 | 1/4 - 1/2 Mile West |
| 14 | ILSG40000137749 | 1/4 - 1/2 Mile South |
| C15 | ILPW40848 | 1/4 - 1/2 Mile West |
| 16 | ILPW40847 | 1/2 - 1 Mile WSW |
| 17 | ILPW40553 | 1/2 - 1 Mile North |
| D18 | ILPW40554 | 1/2 - 1 Mile North |
| 19 | ILPW40849 | 1/2 - 1 Mile WNW |
| 20 | ILSG40000136413 | 1/2 - 1 Mile SE |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**STATE DATABASE WELL INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| 21 | ILSG40000125641 | 1/2 - 1 Mile NNE |
| 22 | ILPW40843 | 1/2 - 1 Mile East |
| E23 | ILPW40555 | 1/2 - 1 Mile NNW |
| D24 | ILSG40000134999 | 1/2 - 1 Mile North |
| 25 | ILPW40536 | 1/2 - 1 Mile NW |
| E26 | ILSG40000136785 | 1/2 - 1 Mile NNW |
| F27 | ILPW40547 | 1/2 - 1 Mile NNE |
| F28 | ILPW40546 | 1/2 - 1 Mile NNE |
| 29 | ILSG40000125564 | 1/2 - 1 Mile WSW |
| G30 | ILSG40000126663 | 1/2 - 1 Mile West |
| G31 | ILPW40851 | 1/2 - 1 Mile WSW |
| H32 | ILSG40000132517 | 1/2 - 1 Mile ESE |
| 33 | ILPW40537 | 1/2 - 1 Mile NW |
| 34 | ILSG40000126047 | 1/2 - 1 Mile WNW |
| I35 | ILPW40840 | 1/2 - 1 Mile East |
| 36 | ILSG40000124520 | 1/2 - 1 Mile NNW |
| 37 | ILSG40000130006 | 1/2 - 1 Mile West |
| 38 | ILPW40844 | 1/2 - 1 Mile South |
| H39 | ILSG40000127945 | 1/2 - 1 Mile ESE |
| I40 | ILSG40000125286 | 1/2 - 1 Mile East |
| J41 | ILSG40000134978 | 1/2 - 1 Mile North |
| 42 | ILSG40000130826 | 1/2 - 1 Mile South |
| J43 | ILSG40000124541 | 1/2 - 1 Mile North |
| 44 | ILSG40000132748 | 1/2 - 1 Mile ESE |
| 45 | ILSG40000133334 | 1/2 - 1 Mile SSE |
| K46 | ILPW40841 | 1/2 - 1 Mile ENE |
| L47 | ILSG40000131248 | 1/2 - 1 Mile NNE |
| L48 | ILSG40000133481 | 1/2 - 1 Mile NNE |
| M49 | ILSG40000125563 | 1/2 - 1 Mile WSW |
| M50 | ILSG40000125836 | 1/2 - 1 Mile WSW |
| 51 | ILPW40850 | 1/2 - 1 Mile WSW |
| 52 | ILSG40000126920 | 1/2 - 1 Mile West |
| 53 | ILSG40000129945 | 1/2 - 1 Mile NNW |
| N54 | ILPW40836 | 1/2 - 1 Mile ESE |
| N55 | ILPW40835 | 1/2 - 1 Mile ESE |
| N56 | ILPW40837 | 1/2 - 1 Mile ESE |
| N57 | ILPW40839 | 1/2 - 1 Mile ESE |
| N58 | ILPW40838 | 1/2 - 1 Mile ESE |
| K59 | ILPW40560 | 1/2 - 1 Mile ENE |
| K60 | ILPW40559 | 1/2 - 1 Mile ENE |
| 61 | ILPW40904 | 1/2 - 1 Mile SSW |
| 62 | ILPW40833 | 1/2 - 1 Mile ENE |
| 63 | ILSG40000133861 | 1/2 - 1 Mile East |
| O64 | ILSG40000134339 | 1/2 - 1 Mile ENE |
| O65 | ILSG40000133992 | 1/2 - 1 Mile ENE |
| P66 | ILPW40832 | 1/2 - 1 Mile ESE |
| 67 | ILSG40000136959 | 1/2 - 1 Mile WNW |
| Q68 | ILSG40000133512 | 1/2 - 1 Mile ESE |
| Q69 | ILSG40000133513 | 1/2 - 1 Mile ESE |
| 70 | ILSG40000130005 | 1/2 - 1 Mile ENE |
| 71 | ILSG40000130999 | 1/2 - 1 Mile SSW |
| 72 | ILPW40902 | 1/2 - 1 Mile South |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**STATE DATABASE WELL INFORMATION**

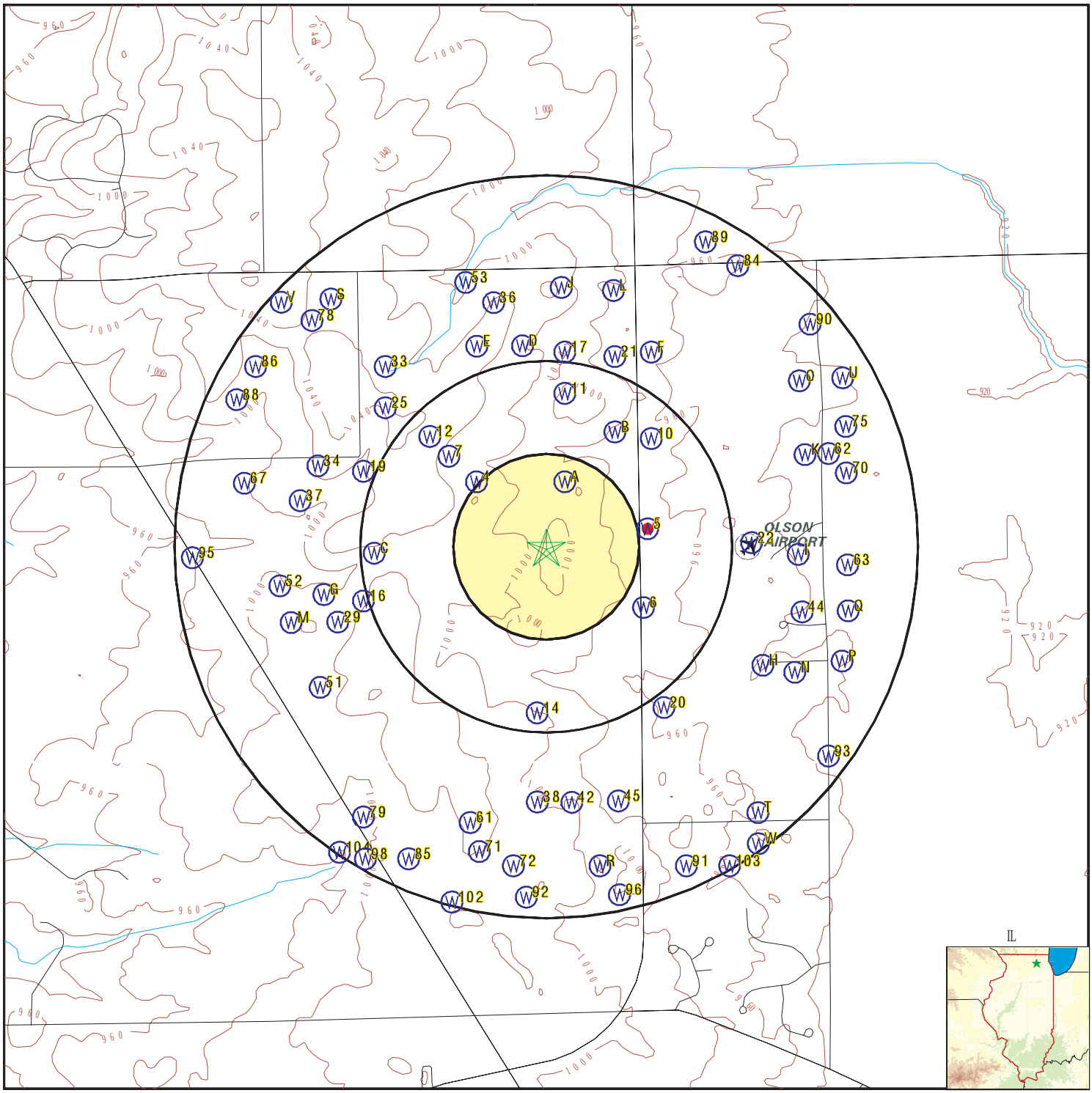
| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| P73 | ILSG40000133766 | 1/2 - 1 Mile ESE |
| P74 | ILSG40000134496 | 1/2 - 1 Mile ESE |
| 75 | ILSG40000131104 | 1/2 - 1 Mile ENE |
| R76 | ILPW40899 | 1/2 - 1 Mile South |
| R77 | ILPW40898 | 1/2 - 1 Mile South |
| 78 | ILSG40000124031 | 1/2 - 1 Mile NW |
| 79 | ILPW40846 | 1/2 - 1 Mile SW |
| S80 | ILEPANC70001824 | 1/2 - 1 Mile NW |
| T81 | ILPW40842 | 1/2 - 1 Mile SE |
| S82 | ILSG40000124997 | 1/2 - 1 Mile NW |
| U83 | ILSG40000129946 | 1/2 - 1 Mile ENE |
| 84 | ILPW40544 | 1/2 - 1 Mile NE |
| 85 | ILPW40858 | 1/2 - 1 Mile SSW |
| 86 | ILPW40540 | 1/2 - 1 Mile WNW |
| U87 | ILSG40000135652 | 1/2 - 1 Mile ENE |
| 88 | ILEPANC70001823 | 1/2 - 1 Mile WNW |
| 89 | ILSG40000134444 | 1/2 - 1 Mile NNE |
| 90 | ILPW40561 | 1/2 - 1 Mile NE |
| 91 | ILPW40896 | 1/2 - 1 Mile SSE |
| 92 | ILSG40000132281 | 1/2 - 1 Mile South |
| 93 | ILPW40831 | 1/2 - 1 Mile SE |
| T94 | ILSG40000130009 | 1/2 - 1 Mile SE |
| 95 | ILPW40853 | 1/2 - 1 Mile West |
| 96 | ILSG40000124149 | 1/2 - 1 Mile SSE |
| V97 | ILSG40000135136 | 1/2 - 1 Mile NW |
| 98 | ILPW40859 | 1/2 - 1 Mile SSW |
| V99 | ILSG40000132709 | 1/2 - 1 Mile NW |
| W100 | ILSG40000132519 | 1/2 - 1 Mile SE |
| W101 | ILSG40000132215 | 1/2 - 1 Mile SE |
| 102 | ILPW40857 | 1/2 - 1 Mile SSW |
| 103 | ILPW40893 | 1/2 - 1 Mile SSE |
| 104 | ILSG40000129218 | 1/2 - 1 Mile SW |

**OTHER STATE DATABASE INFORMATION**

**STATE OIL/GAS WELL INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| 1 | ILOG30000099233 | 1/4 - 1/2 Mile East |

# PHYSICAL SETTING SOURCE MAP - 7504249.2s




- County Boundary
- Major Roads
- Contour Lines
- Airports
- 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: Proj #23-065 Community School Dist 301 | CLIENT: Deigan and Assoc. |
| ADDRESS: 9N636 IL-47 | CONTACT: MICHELE BRADY |
| Elgin IL 60124 | INQUIRY #: 7504249.2s |
| LAT/LONG: 42.008397 / 88.468669 | DATE: November 22, 2023 1:35 pm |

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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**A1**
**NNE**
**1/8 - 1/4 Mile**
**Lower**

**IL WELLS** **ILPW40549**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40549 | 2nd ID: | Not Reported |
| Owner: | CHARLES SHERWOOD | Driller: | Not Reported |
| Date drilled: | 02/23/1934 | Permit: | Not Reported |
| Depth: | 38 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**A2**
**NNE**
**1/8 - 1/4 Mile**
**Lower**

**IL WELLS** **ILPW40550**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40550 | 2nd ID: | Not Reported |
| Owner: | JEFF BEUTKE | Driller: | DUPAGE PUMP INC |
| Date drilled: | 05/12/1989 | Permit: | 010646 |
| Depth: | 340 | Record type: | GR |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | Bedrock | | |

---

**A3**
**NNE**
**1/8 - 1/4 Mile**
**Lower**

**IL WELLS** **ILPW40551**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40551 | 2nd ID: | 28391 |
| Owner: | JEFF BEUTKE | Driller: | DUPAGE WELL DRILLING |
| Date drilled: | 07/13/1988 | Permit: | 003253 |
| Depth: | 235 | Record type: | GR |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | Unconsolidated | | |

---

**4**
**NW**
**1/4 - 1/2 Mile**
**Higher**

**IL WELLS** **ILSG40000130827**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893030700 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19890731050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Senffner, Alan James |
| Elevation: | 1010 | Elevation Reference: | Topographic map |
| Total Depth: | 263 | Lithologic Formation: | drift |
| Top of Formation (ft): | 263 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893030700

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**5**
**East** **IL WELLS** **ILSG40000131271**
**1/4 - 1/2 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893075800 |
| IL SWSP #: | 0 | Status: | Stratigraphic Test |
| Date Drilled: | 19900424050000 | Farm Name: | KCM-11 |
| Well Name: | KCM-11 | Driller: | IL State Geological Survey |
| Elevation: | 970 | Elevation Reference: | Ground level |
| Total Depth: | 97 | 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&120893075800 | | |

---

**6**
**ESE** **IL WELLS** **ILPW40834**
**1/4 - 1/2 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40834 | 2nd ID: | 26763 |
| Owner: | DAVID HADLEY | Driller: | WILL CO WELL |
| Date drilled: | 10/30/1985 | Permit: | M121230 |
| Depth: | 565 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**7**
**NW** **IL WELLS** **ILPW40845**
**1/4 - 1/2 Mile**
**Higher**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40845 | 2nd ID: | Not Reported |
| Owner: | HARRY MAAS | Driller: | DUPAGE PUMP INC |
| Date drilled: | 07/31/1989 | Permit: | 013055 |
| Depth: | 263 | Record type: | GR |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | Unconsolidated | | |

---

**B8**
**NNE** **IL WELLS** **ILSG40000129105**
**1/4 - 1/2 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120892839100 |
| IL SWSP #: | 215259 | Status: | Water Well |
| Date Drilled: | 19880713050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Senffner, Alan James |

| | | | |
|---|---|---|---|
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 235 | Lithologic Formation: | drift |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 10 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120892839100 | | |

---

**B9**
**NNE** **IL WELLS** **ILSG40000130808**
**1/4 - 1/2 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893028800 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19890512050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Senffner, Alan James |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 340 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 340 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893028800 | | |

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**10**
**NE** **IL WELLS** **ILPW40545**
**1/4 - 1/2 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40545 | 2nd ID: | Not Reported |
| Owner: | F A BOHLIN | Driller: | MOCK |
| Date drilled: | 00/00/1931 | Permit: | Not Reported |
| Depth: | 220 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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**11**
**North** **IL WELLS** **ILPW40552**
**1/4 - 1/2 Mile**
**Higher**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40552 | 2nd ID: | Not Reported |
| Owner: | WILLIAM BACHL | Driller: | STANLEY |
| Date drilled: | 04/30/1973 | Permit: | M022900 |
| Depth: | 226 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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**12**
**NW** **IL WELLS** **ILSG40000137046**
**1/4 - 1/2 Mile**
**Higher**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893657400 |
| IL SWSP #: | 442462 | Status: | Water Well |
| Date Drilled: | 20081029050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Meadow Equipment |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 360 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 273 | Bottom of Formation (ft): | 360 |
| Pump Flow (gpm): | 12 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893657400 | | |

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**C13**
**West**
**1/4 - 1/2 Mile**
**Higher**

**IL WELLS** **ILSG40000126662**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120892270600 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19750301060000 | Farm Name: | 79 |
| Well Name: | 79 | Driller: | Burgess, Wayne Jr. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 105 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120892270600 | | |

---

**14**
**South**
**1/4 - 1/2 Mile**
**Lower**

**IL WELLS** **ILSG40000137749**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893728300 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 20190212060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Matt Liberg |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 845 | Lithologic Formation: | sandstone |
| Top of Formation (ft): | 825 | Bottom of Formation (ft): | 845 |
| Pump Flow (gpm): | 25 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893728300 | | |

---

**C15**
**West**
**1/4 - 1/2 Mile**
**Higher**

**IL WELLS** **ILPW40848**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40848 | 2nd ID: | Not Reported |
| Owner: | RONALD WONDERLING | Driller: | BURGESS |
| Date drilled: | 08/25/1974 | Permit: | M031762 |
| Depth: | 105 | 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

**16**
**WSW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILPW40847**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40847 | 2nd ID: | Not Reported |
| Owner: | HARSHEL COWSERT | Driller: | BURGESS |
| Date drilled: | 11/21/1972 | Permit: | M015862 |
| Depth: | 120 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**17**
**North**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40553**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40553 | 2nd ID: | Not Reported |
| Owner: | BILL & LINDA FANSLOW | Driller: | KNIERIM |
| Date drilled: | 06/30/1992 | Permit: | 089-0164-92 |
| Depth: | 600 | Record type: | RG |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | Bedrock | | |

---

**D18**
**North**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILPW40554**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40554 | 2nd ID: | Not Reported |
| Owner: | RUSSELL GRUBNER | Driller: | NEELY |
| Date drilled: | 00/00/1969 | Permit: | M007838 |
| Depth: | 830 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**19**
**WNW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILPW40849**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40849 | 2nd ID: | Not Reported |
| Owner: | GENE SUNDERLAGE | Driller: | TYRRELL |
| Date drilled: | 10/30/1973 | Permit: | M026271 |
| Depth: | 400 | 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

**20**
**SE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000136413**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893593900 |
| IL SWSP #: | 370635 | Status: | Water Well |
| Date Drilled: | 20040930050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dietzman, Gerald E. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 800 | Lithologic Formation: | white sandstone |
| Top of Formation (ft): | 745 | Bottom of Formation (ft): | 800 |
| Pump Flow (gpm): | 20 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893593900 | | |

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**21**
**NNE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000125641**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120890168800 |
| IL SWSP #: | 70280 | Status: | Water Well |
| Date Drilled: | 19730601050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Stanley, Charles |
| Elevation: | 975 | Elevation Reference: | Ground level |
| Total Depth: | 226 | 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&120890168800 | | |

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**22**
**East**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40843**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40843 | 2nd ID: | Not Reported |
| Owner: | ALBERT KAYAL | Driller: | Not Reported |
| Date drilled: | 00/00/1922 | Permit: | Not Reported |
| Depth: | 100 | Record type: | O |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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**E23**
**NNW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILPW40555**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40555 | 2nd ID: | Not Reported |
| Owner: | DARYL MADOX | Driller: | WEIRICH |
| Date drilled: | 00/00/1981 | Permit: | M099829 |

| | | | |
|---|---|---|---|
| Depth: | 275 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**D24**
**North**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000134999**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893451600 |
| IL SWSP #: | 340532 | Status: | Water Well |
| Date Drilled: | 20020113060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | John A. Jablonski |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 665 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 506 | Bottom of Formation (ft): | 665 |
| Pump Flow (gpm): | 15 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893451600 | | |

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**25**
**NW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILPW40536**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40536 | 2nd ID: | Not Reported |
| Owner: | A D PEASE | Driller: | KANIES |
| Date drilled: | 00/00/1918 | Permit: | Not Reported |
| Depth: | 277 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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**E26**
**NNW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000136785**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893631100 |
| IL SWSP #: | 421340 | Status: | Water Well |
| Date Drilled: | 20060925050000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | Weirich, William Theodore |
| Elevation: | 1026 | Elevation Reference: | Not Reported |
| Total Depth: | 860 | Lithologic Formation: | sandstone |
| Top of Formation (ft): | 830 | Bottom of Formation (ft): | 860 |
| Pump Flow (gpm): | 20 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893631100 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**F27**
**NNE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40547**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40547 | 2nd ID: | Not Reported |
| Owner: | RUSSELL BOHLIN | Driller: | BURGESS |
| Date drilled: | 00/00/1976 | Permit: | M044195 |
| Depth: | 270 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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**F28**
**NNE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40546**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40546 | 2nd ID: | Not Reported |
| Owner: | FRANK MONTELEONE | Driller: | NEELY |
| Date drilled: | 00/00/1969 | Permit: | M007369 |
| Depth: | 785 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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**29**
**WSW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000125564**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120890161100 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19721101050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Burgess, Wayne Jr. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 120 | 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&120890161100 | | |

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**G30**
**West**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000126663**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120892270700 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19740801050000 | Farm Name: | 62 |
| Well Name: | 62 | Driller: | Burgess, Wayne Jr. |
| Elevation: | 0 | Elevation Reference: | Not Reported |

| | | | |
|---|---|---|---|
| Total Depth: | 105 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120892270700 | | |

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**G31**
**WSW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILPW40851**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40851 | 2nd ID: | Not Reported |
| Owner: | MR HANSON | Driller: | BURGESS |
| Date drilled: | 04/18/1973 | Permit: | M018066 |
| Depth: | 110 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**H32**
**ESE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000132517**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893199800 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19960506050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Harding, James R. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 600 | Lithologic Formation: | rock |
| Top of Formation (ft): | 177 | Bottom of Formation (ft): | 600 |
| Pump Flow (gpm): | 10 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893199800 | | |

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**33**
**NW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILPW40537**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40537 | 2nd ID: | Not Reported |
| Owner: | CENTRAL HIGH SCHOOL | Driller: | NEELY |
| Date drilled: | 05/14/1970 | Permit: | M009641 |
| Depth: | 1022 | Record type: | RGC |
| Well Use: | School | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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**34**
**WNW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000126047**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120892208400 |

| | | | |
|---|---|---|---|
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19731201060000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | Tyrrell R W |
| Elevation: | 750 | Elevation Reference: | Ground level |
| Total Depth: | 400 | 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&120892208400 | | |

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**I35**
**East**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40840**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40840 | 2nd ID: | Not Reported |
| Owner: | JACK SNOWBELL | Driller: | REDIGER |
| Date drilled: | 04/00/1972 | Permit: | M013077 |
| Depth: | 200 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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**36**
**NNW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000124520**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120890052600 |
| IL SWSP #: | 70276 | Status: | Water Well |
| Date Drilled: | 19690501050000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | Neeley, Harry C. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 785 | 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&120890052600 | | |

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**37**
**West**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000130006**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120892944700 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19790501050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Wellendorf, Rodney |
| Elevation: | 1005 | Elevation Reference: | Ground level |
| Total Depth: | 430 | 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&120892944700 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**38**
**South**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILPW40844**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40844 | 2nd ID: | Not Reported |
| Owner: | GENEVA HOME BLDRS | Driller: | KNIERIM |
| Date drilled: | 03/10/1990 | Permit: | 017057 |
| Depth: | 860 | Record type: | RG |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | Bedrock | | |

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**H39**
**ESE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000127945**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120892676300 |
| IL SWSP #: | 70495 | Status: | Water Well |
| Date Drilled: | 19851125060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Rob, Ronald Gene |
| Elevation: | 940 | Elevation Reference: | Ground level |
| Total Depth: | 565 | 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&120892676300 | | |

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**I40**
**East**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000125286**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120890132700 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19720201060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Pediger, Dan |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 200 | 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&120890132700 | | |

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**J41**
**North**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000134978**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893449500 |
| IL SWSP #: | 340301 | Status: | Water Well |

| | | | |
|---|---|---|---|
| Date Drilled: | 20011009050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Wellendorf, Rodney |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 800 | Lithologic Formation: | sandstone |
| Top of Formation (ft): | 770 | Bottom of Formation (ft): | 800 |
| Pump Flow (gpm): | 20 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893449500 | | |

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**42**
**South**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000130826**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893030600 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19900310060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Knierim, Phil |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 860 | Lithologic Formation: | white lime |
| Top of Formation (ft): | 510 | Bottom of Formation (ft): | 860 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893030600 | | |

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**J43**
**North**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000124541**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120890054700 |
| IL SWSP #: | 70281 | Status: | Water Well |
| Date Drilled: | 19690701050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Neeley, Harry C. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 830 | 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&120890054700 | | |

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**44**
**ESE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000132748**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893222800 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19970310050000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | John A. Jablonski |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 425 | Lithologic Formation: | rock |
| Top of Formation (ft): | 270 | Bottom of Formation (ft): | 425 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893222800 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**45**
**SSE** **IL WELLS** **ILSG40000133334**
**1/2 - 1 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893282600 |
| IL SWSP #: | 306487 | Status: | Water Well |
| Date Drilled: | 19971120060000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | John A. Jablonski |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 625 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 381 | Bottom of Formation (ft): | 625 |
| Pump Flow (gpm): | 10 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893282600 | | |

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**K46**
**ENE** **IL WELLS** **ILPW40841**
**1/2 - 1 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40841 | 2nd ID: | Not Reported |
| Owner: | DAVE LANDMIER | Driller: | HUEMANN |
| Date drilled: | 10/21/1980 | Permit: | M096717 |
| Depth: | 24 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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**L47**
**NNE** **IL WELLS** **ILSG40000131248**
**1/2 - 1 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893073400 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19920630050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Knierim, Phil |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 600 | Lithologic Formation: | rock |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 600 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893073400 | | |

---

**L48**
**NNE** **IL WELLS** **ILSG40000133481**
**1/2 - 1 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893297400 |
| IL SWSP #: | 307940 | Status: | Water Well |

| | | | |
|---|---|---|---|
| Date Drilled: | 19981202060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Meadow Equipment |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 260 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 201 | Bottom of Formation (ft): | 260 |
| Pump Flow (gpm): | 20 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893297400 | | |

---

**M49**
**WSW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000125563**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120890161000 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19730401050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Burgess, Wayne Jr. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 110 | 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&120890161000 | | |

---

**M50**
**WSW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000125836**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120890188400 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19730501050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Burgess, Wayne Jr. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 109 | 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&120890188400 | | |

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**51**
**WSW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILPW40850**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40850 | 2nd ID: | Not Reported |
| Owner: | MRS J B SHERWOOD | Driller: | Not Reported |
| Date drilled: | 03/27/1934 | Permit: | Not Reported |
| Depth: | 35 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**52**
**West**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000126920**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120892296500 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19740101060000 | Farm Name: | 92 |
| Well Name: | 92 | Driller: | Burgess, Wayne Jr. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 450 | 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&120892296500 | | |

---

**53**
**NNW**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000129945**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120892938600 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19810610050000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | Weirich, William Theodore |
| Elevation: | 998 | Elevation Reference: | Ground level |
| Total Depth: | 275 | Lithologic Formation: | rock |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120892938600 | | |

---

**N54**
**ESE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40836**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40836 | 2nd ID: | Not Reported |
| Owner: | FRANK NICODEM AND ASSOC | Driller: | DUPAGE PUMP |
| Date drilled: | 03/30/1978 | Permit: | M072436 |
| Depth: | 190 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**N55**
**ESE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40835**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40835 | 2nd ID: | Not Reported |
| Owner: | COLONIAL CONST | Driller: | DUPAGE PUMP |
| Date drilled: | 10/27/1978 | Permit: | M068662 |

| | | | |
|---|---|---|---|
| Depth: | 475 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**N56**
**ESE** **IL WELLS** **ILPW40837**
**1/2 - 1 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40837 | 2nd ID: | Not Reported |
| Owner: | KATHERN BERBAUM | Driller: | SMEJA |
| Date drilled: | 10/17/1979 | Permit: | M088875 |
| Depth: | 580 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**N57**
**ESE** **IL WELLS** **ILPW40839**
**1/2 - 1 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40839 | 2nd ID: | Not Reported |
| Owner: | RON HENNE | Driller: | SMEJA |
| Date drilled: | 09/07/1979 | Permit: | M089507 |
| Depth: | 128 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**N58**
**ESE** **IL WELLS** **ILPW40838**
**1/2 - 1 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40838 | 2nd ID: | Not Reported |
| Owner: | R SOBIESZCZYK | Driller: | DUPAGE PUMP |
| Date drilled: | 11/10/1977 | Permit: | M069190 |
| Depth: | 385 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**K59**
**ENE** **IL WELLS** **ILPW40560**
**1/2 - 1 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40560 | 2nd ID: | Not Reported |
| Owner: | DAVID & TERESA LEONDMEIDS | Driller: | NEELY |
| Date drilled: | 10/02/1991 | Permit: | 089-0108-91 |
| Depth: | 400 | Record type: | RG |
| Well Use: | Domestic | Well Type: | -- |

Aquifer type: Bedrock

---

**K60**
**ENE** **IL WELLS** **ILPW40559**
**1/2 - 1 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40559 | 2nd ID: | Not Reported |
| Owner: | MANNY PETERSON | Driller: | Not Reported |
| Date drilled: | 02/23/1934 | Permit: | Not Reported |
| Depth: | 30 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**61**
**SSW** **IL WELLS** **ILPW40904**
**1/2 - 1 Mile**
**Higher**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40904 | 2nd ID: | Not Reported |
| Owner: | DOUG GRAFAGNA | Driller: | BILL WEIRICH |
| Date drilled: | 08/15/1989 | Permit: | 013727 |
| Depth: | 785 | Record type: | GR |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | Bedrock | | |

---

**62**
**ENE** **IL WELLS** **ILPW40833**
**1/2 - 1 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40833 | 2nd ID: | Not Reported |
| Owner: | TIM BOULDUAN | Driller: | BURGESS |
| Date drilled: | 06/07/1978 | Permit: | M075213 |
| Depth: | 535 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**63**
**East** **IL WELLS** **ILSG40000133861**
**1/2 - 1 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893335400 |
| IL SWSP #: | 319567 | Status: | Water Well |
| Date Drilled: | 19991026050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dietzman, Gerald E. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 780 | Lithologic Formation: | white sandstone |

| | | | |
|---|---|---|---|
| Top of Formation (ft): | 740 | Bottom of Formation (ft): | 780 |
| Pump Flow (gpm): | 20 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893335400 | | |

---

**O64**
**ENE** **IL WELLS** **ILSG40000134339**
**1/2 - 1 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893383300 |
| IL SWSP #: | 327743 | Status: | Water Well |
| Date Drilled: | 20000523050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | John A. Jablonski |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 805 | Lithologic Formation: | sandstone |
| Top of Formation (ft): | 746 | Bottom of Formation (ft): | 805 |
| Pump Flow (gpm): | 20 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893383300 | | |

---

**O65**
**ENE** **IL WELLS** **ILSG40000133992**
**1/2 - 1 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893348500 |
| IL SWSP #: | 323170 | Status: | Water Well |
| Date Drilled: | 20000404050000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | Weirich, William Theodore |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 780 | Lithologic Formation: | sandstone |
| Top of Formation (ft): | 740 | Bottom of Formation (ft): | 780 |
| Pump Flow (gpm): | 15 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893348500 | | |

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**P66**
**ESE** **IL WELLS** **ILPW40832**
**1/2 - 1 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40832 | 2nd ID: | Not Reported |
| Owner: | ALBERT L JOHNSON | Driller: | Not Reported |
| Date drilled: | 03/24/1934 | Permit: | Not Reported |
| Depth: | 165 | Record type: | O |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**67**
**WNW**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000136959**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893648700 |
| IL SWSP #: | 431677 | Status: | Water Well |
| Date Drilled: | 20070712050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dietzman, Gerald E. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 900 | Lithologic Formation: | sandstone |
| Top of Formation (ft): | 840 | Bottom of Formation (ft): | 900 |
| Pump Flow (gpm): | 10 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893648700 | | |

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**Q68**
**ESE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000133512**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893300500 |
| IL SWSP #: | 309833 | Status: | Water Well |
| Date Drilled: | 19981230060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dietzman, Gerald E. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 178 | Lithologic Formation: | medium gravel |
| Top of Formation (ft): | 168 | Bottom of Formation (ft): | 178 |
| Pump Flow (gpm): | 10 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893300500 | | |

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**Q69**
**ESE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000133513**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893300600 |
| IL SWSP #: | 309832 | Status: | Water Well |
| Date Drilled: | 19990330050000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | Neely, Harry C. |
| Elevation: | 920 | Elevation Reference: | Not Reported |
| Total Depth: | 800 | Lithologic Formation: | sandstone |
| Top of Formation (ft): | 738 | Bottom of Formation (ft): | 800 |
| Pump Flow (gpm): | 15 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893300600 | | |

| Map ID<br>Direction<br>Distance<br>Elevation | | Database | EDR ID Number |
|---|---|---|---|
| **70**<br>**ENE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILSG40000130005** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120892944600 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19780620050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Burgess, Wayne T. Jr. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 535 | Lithologic Formation: | rock |
| Top of Formation (ft): | 180 | Bottom of Formation (ft): | 535 |
| Pump Flow (gpm): | 15 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120892944600 | | |

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| | | | |
|---|---|---|---|
| **71**<br>**SSW**<br>**1/2 - 1 Mile**<br>**Higher** | | **IL WELLS** | **ILSG40000130999** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893048200 |
| IL SWSP #: | 215297 | Status: | Water Well |
| Date Drilled: | 19890815050000 | Farm Name: | 1 |
| Well Name: | 1 | Driller: | Weirich, William Theodore |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 785 | Lithologic Formation: | sandstone |
| Top of Formation (ft): | 710 | Bottom of Formation (ft): | 785 |
| Pump Flow (gpm): | 12 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893048200 | | |

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| | | | |
|---|---|---|---|
| **72**<br>**South**<br>**1/2 - 1 Mile**<br>**Higher** | | **IL WELLS** | **ILPW40902** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40902 | 2nd ID: | Not Reported |
| Owner: | BLACKHAWK ENTER #PL44-911 LOT7 | Driller: | KNIERIM |
| Date drilled: | 05/18/1990 | Permit: | 017874 |
| Depth: | 500 | Record type: | RG |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | Bedrock | | |

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| | | | |
|---|---|---|---|
| **P73**<br>**ESE**<br>**1/2 - 1 Mile**<br>**Lower** | | **IL WELLS** | **ILSG40000133766** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893325900 |
| IL SWSP #: | 312795 | Status: | Water Well |

| | | | |
|---|---|---|---|
| Date Drilled: | 19990723050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Keller, Larry |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 210 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 170 | Bottom of Formation (ft): | 210 |
| Pump Flow (gpm): | 12 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893325900 | | |

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**P74**
**ESE** **IL WELLS** **ILSG40000134496**
**1/2 - 1 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893398900 |
| IL SWSP #: | 331609 | Status: | Water Well |
| Date Drilled: | 19990505050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Keller, Larry |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 800 | Lithologic Formation: | sandstone |
| Top of Formation (ft): | 745 | Bottom of Formation (ft): | 800 |
| Pump Flow (gpm): | 20 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893398900 | | |

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**75**
**ENE** **IL WELLS** **ILSG40000131104**
**1/2 - 1 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893059100 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19911002050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Neely, Harry C. |
| Elevation: | 935 | Elevation Reference: | Ground level |
| Total Depth: | 400 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 180 | Bottom of Formation (ft): | 400 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893059100 | | |

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**R76**
**South** **IL WELLS** **ILPW40899**
**1/2 - 1 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40899 | 2nd ID: | 00141 |
| Owner: | HERMAN BILL | Driller: | PITZ |
| Date drilled: | 00/00/1947 | Permit: | Not Reported |
| Depth: | 453 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **R77**<br>**South**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW40898** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40898 | 2nd ID: | Not Reported |
| Owner: | C P DAHLSTROM EST | Driller: | Not Reported |
| Date drilled: | 03/26/1934 | Permit: | Not Reported |
| Depth: | 33 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | | |
|---|---|---|
| **78**<br>**NW**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILSG40000124031** |

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120890002100 |
| IL SWSP #: | 401915 | Status: | Water Well |
| Date Drilled: | 19550701050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Neeley, Harry C. |
| Elevation: | 103 | Elevation Reference: | Topographic map |
| Total Depth: | 755 | 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&120890002100 | | |

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| | | |
|---|---|---|
| **79**<br>**SW**<br>**1/2 - 1 Mile**<br>**Lower** | **IL WELLS** | **ILPW40846** |

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40846 | 2nd ID: | Not Reported |
| Owner: | ALAN MILLER | Driller: | SCHULTZ |
| Date drilled: | 12/22/1976 | Permit: | M053992 |
| Depth: | 96 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

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| | | |
|---|---|---|
| **S80**<br>**NW**<br>**1/2 - 1 Mile**<br>**Higher** | **IL WELLS** | **ILEPANC70001824** |

**WELLS EPA:**

| | | | |
|---|---|---|---|
| Well ID: | 08901506 | Facility Name: | CENTRAL MIDDLE SCHOOL |
| Facility #: | IL3067538 | Well Status: | Active |
| Well Type: | NonTransient NonCommunity | Primary Use Name: | SCHOOL |
| Population Count: | 750 | 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 | | |

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**T81**
**SE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40842**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40842 | 2nd ID: | Not Reported |
| Owner: | E H HINKLE | Driller: | Not Reported |
| Date drilled: | 00/00/1924 | Permit: | Not Reported |
| Depth: | 196 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**S82**
**NW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000124997**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120890103500 |
| IL SWSP #: | 401916 | Status: | Water Well |
| Date Drilled: | 19700801050000 | Farm Name: | 2 |
| Well Name: | 2 | Driller: | Not Reported |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 1022 | 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&120890103500 | | |

---

**U83**
**ENE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000129946**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120892938700 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19801028050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Huemann, William F. |
| Elevation: | 940 | Elevation Reference: | Ground level |
| Total Depth: | 24 | Lithologic Formation: | gravel |
| Top of Formation (ft): | 22 | Bottom of Formation (ft): | 24 |
| Pump Flow (gpm): | 15 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120892938700 | | |

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**84**
**NE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40544**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40544 | 2nd ID: | Not Reported |
| Owner: | CHARLES PFAFFLIN | Driller: | Not Reported |
| Date drilled: | 03/06/1934 | Permit: | Not Reported |
| Depth: | 35 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**85**
**SSW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILPW40858**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40858 | 2nd ID: | Not Reported |
| Owner: | R W LEHMAN | Driller: | Not Reported |
| Date drilled: | 03/27/1934 | Permit: | Not Reported |
| Depth: | 305 | Record type: | O |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**86**
**WNW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILPW40540**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40540 | 2nd ID: | Not Reported |
| Owner: | RICHARD ROMKE | Driller: | NEELY |
| Date drilled: | 09/07/1974 | Permit: | M032837 |
| Depth: | 320 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**U87**
**ENE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000135652**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893517300 |
| IL SWSP #: | 349956 | Status: | Water Well |
| Date Drilled: | 20030829050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dietzman, Gerald E. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 780 | Lithologic Formation: | white sandstone |
| Top of Formation (ft): | 725 | Bottom of Formation (ft): | 780 |
| Pump Flow (gpm): | 20 | | |

URL: https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893517300

---

**88**
**WNW** **IL WELLS** **ILEPANC70001823**
**1/2 - 1 Mile**
**Higher**

**WELLS EPA:**

| | | | |
|---|---|---|---|
| Well ID: | 08903239 | Facility Name: | HOWARD B THOMAS GRADE SCHOOL |
| Facility #: | IL3135145 | Well Status: | Active |
| Well Type: | NonTransient NonCommunity | Primary Use Name: | SCHOOL |
| Population Count: | 575 | 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 | | |

---

**89**
**NNE** **IL WELLS** **ILSG40000134444**
**1/2 - 1 Mile**
**Lower**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893393700 |
| IL SWSP #: | 331147 | Status: | Water Well |
| Date Drilled: | 20000801050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | John A. Jablonski |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 785 | Lithologic Formation: | sandstone |
| Top of Formation (ft): | 741 | Bottom of Formation (ft): | 785 |
| Pump Flow (gpm): | 40 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893393700 | | |

---

**90**
**NE** **IL WELLS** **ILPW40561**
**1/2 - 1 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40561 | 2nd ID: | Not Reported |
| Owner: | MARY M KENDALL | Driller: | Not Reported |
| Date drilled: | 02/23/1934 | Permit: | Not Reported |
| Depth: | 40 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**91**
**SSE** **IL WELLS** **ILPW40896**
**1/2 - 1 Mile**
**Lower**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40896 | 2nd ID: | Not Reported |
| Owner: | GEO A ANDERSON | Driller: | EASTMAN |

| | | | |
|---|---|---|---|
| Date drilled: | 00/00/1931 | Permit: | Not Reported |
| Depth: | 316 | Record type: | OG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**92**
**South**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000132281**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893176200 |
| IL SWSP #: | 283015 | Status: | Water Well |
| Date Drilled: | 19951108060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Senffner, Alan James |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 760 | Lithologic Formation: | limestone |
| Top of Formation (ft): | 276 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893176200 | | |

---

**93**
**SE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40831**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40831 | 2nd ID: | Not Reported |
| Owner: | HERBERT ANDERSON | Driller: | Not Reported |
| Date drilled: | 03/24/1934 | Permit: | Not Reported |
| Depth: | 165 | Record type: | O |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**T94**
**SE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000130009**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120892945000 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19800416050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Senffner, Alan James |
| Elevation: | 960 | Elevation Reference: | Ground level |
| Total Depth: | 193 | Lithologic Formation: | drift |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 10 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120892945000 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**95**
**West**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40853**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40853 | 2nd ID: | Not Reported |
| Owner: | ROBERT SCHEITLIN | Driller: | BURGESS |
| Date drilled: | 00/00/1974 | Permit: | M034622 |
| Depth: | 450 | Record type: | RG |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**96**
**SSE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000124149**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120890014100 |
| IL SWSP #: | 70537 | Status: | Water Well |
| Date Drilled: | 19470101060000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Pitz, N. L. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 453 | 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&120890014100 | | |

---

**V97**
**NW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000135136**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893465700 |
| 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&120893465700 | | |

---

**98**
**SSW**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40859**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40859 | 2nd ID: | 28568 |
| Owner: | DAVID BURRO | Driller: | ROD WELLENDORF |
| Date drilled: | 11/02/1988 | Permit: | 004863 |

| | | | |
|---|---|---|---|
| Depth: | 625 | Record type: | GR |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | Bedrock | | |

---

**V99**
**NW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILSG40000132709**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893218900 |
| IL SWSP #: | 0 | Status: | Water Well |
| Date Drilled: | 19951218060000 | Farm Name: | 2 |
| Well Name: | 2 | Driller: | Lane-Western |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 1000 | Lithologic Formation: | Not Reported |
| Top of Formation (ft): | 0 | Bottom of Formation (ft): | 0 |
| Pump Flow (gpm): | 206 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893218900 | | |

---

**W100**
**SE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000132519**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893200000 |
| IL SWSP #: | 290119 | Status: | Water Well |
| Date Drilled: | 19960820050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dietzman, Gerald E. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 445 | Lithologic Formation: | soft gray shale |
| Top of Formation (ft): | 250 | Bottom of Formation (ft): | 445 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893200000 | | |

---

**W101**
**SE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000132215**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120893169700 |
| IL SWSP #: | 282974 | Status: | Water Well |
| Date Drilled: | 19950911050000 | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Dietzman, Gerald E. |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 240 | Lithologic Formation: | rock |
| Top of Formation (ft): | 202 | Bottom of Formation (ft): | 240 |
| Pump Flow (gpm): | 0 | | |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?watersummary&120893169700 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

**102**
**SSW**
**1/2 - 1 Mile**
**Higher**

**IL WELLS** **ILPW40857**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40857 | 2nd ID: | Not Reported |
| Owner: | OTTO ANDERSON | Driller: | Not Reported |
| Date drilled: | 03/27/1934 | Permit: | Not Reported |
| Depth: | 300 | Record type: | O |
| Well Use: | Domestic | Well Type: | ~~ |
| Aquifer type: | ~~ | | |

---

**103**
**SSE**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILPW40893**

| | | | |
|---|---|---|---|
| Database: | Illinois Private Well Database and PICS | | |
| Well ID: | 40893 | 2nd ID: | Not Reported |
| Owner: | HENRY BECKER | Driller: | JABLONSKI |
| Date drilled: | 02/16/1994 | Permit: | PL089-0043-94 |
| Depth: | 725 | Record type: | RG |
| Well Use: | Domestic | Well Type: | -- |
| Aquifer type: | Bedrock | | |

---

**104**
**SW**
**1/2 - 1 Mile**
**Lower**

**IL WELLS** **ILSG40000129218**

**WELLS SGS:**

| | | | |
|---|---|---|---|
| Database: | Water Well Records | API #: | 120892856800 |
| IL SWSP #: | 215288 | Status: | Water Well |
| Date Drilled: | Not Reported | Farm Name: | Not Reported |
| Well Name: | Not Reported | Driller: | Wellendorf, Rodney |
| Elevation: | 0 | Elevation Reference: | Not Reported |
| Total Depth: | 625 | 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&120892856800 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

**1**
**East** **OIL_GAS** **ILOG30000099233**
**1/4 - 1/2 Mile**

| | | | |
|---|---|---|---|
| API #: | 120893075800 | Permit ID: | Not Reported |
| Permit Date: | Not Reported | Well Status: | Stratigraphic Test |
| Max Depth: | 97 | Date Completed: | 19900424050000 |
| Formation: | Not Reported | Company Name: | IL State Geological Survey |
| Well Name: | Olson Airport | Well #: | KCM-11 |
| Elevation: | 970 | Elevation Reference: | Not Reported |
| Logs: | Not Reported | ILStrat URL: | Not Reported |
| URL: | https://isgs-oas.isgs.illinois.edu/reports/rwservlet?oilsummary&120893075800 | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
# RADON

**AREA RADON INFORMATION**

State Database: IL Radon

Radon Test Results

| Zipcode | Result |
|---|---|
| 60124 | 1.5 |
| 60124 | 1.2 |
| 60124 | 7.5 |
| 60124 | 8.1 |
| 60124 | 23 |
| 60124 | 3.6 |
| 60124 | 10.9 |
| 60124 | 0.7 |
| 60124 | 2.5 |
| 60124 | 6.8 |
| 60124 | 3.1 |
| 60124 | 3.3 |
| 60124 | 0.9 |
| 60124 | 0.7 |
| 60124 | 2.3 |
| 60124 | 3.1 |
| 60124 | 0.8 |

Federal EPA Radon Zone for KANE County: 1

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 KANE COUNTY, IL

Number of sites tested: 14

| Area | Average Activity | % <4 pCi/L | % 4-20 pCi/L | % >20 pCi/L |
|---|---|---|---|---|
| Living Area - 1st Floor | 3.557 pCi/L | 57% | 43% | 0% |
| Living Area - 2nd Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Basement | 4.650 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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# Appendix D

FOIA Requests and Responses

# KANE COUNTY BUILDING AND ZONING PERMIT

Kane County, Illinois

**Owner:**
MAAS TRUST # 101 & ET AL,
9N636 STATE ROUTE 47
ELGIN IL 601238723

**Contact:**
MAAS TRUST # 101 & ET AL,
9N636 STATE ROUTE 47
ELGIN IL 601238723

| | |
|---|---|
| **Permit #:** | **DB-2012-2169** |
| **Township:** | **Plato** |
| Category: | Commercial |
| Permit Type: | Agricultural Exemptions |
| Use Type: | Agricultural Exemption |
| Work Type: | New Construction |
| Project Name: | 42 X 72 AG-EXEMPT MACHINE STORAGE BARN |
| **Parcel No.** | **05-29-100-001** |
| Site Address: | 09N636 -D- IL RTE 47<br>ELGIN, IL 60124 |

Your application has been received for the above Kane County Building and Zoning permit, dated 03/23/2012 in which you state that:

1) You are the owner / lessee of the parcel listed above;
2) That you propose to make thereon certain described improvements costing $35,000.00 consisting of 42 X 72 AG-EXEMPT MACHINE STORAGE BARN; and
3) That you agree to use such premises and proposed buildings and structures for only the uses as shown.

The proposed improvements and uses as applied for, are permissible under the terms of the Zoning Ordinance adopted by the Board of Supervisors of Kane County, Illinois, on December 5, 1937, and Building Ordinance adopted December 15, 1954 and subsequently amended and the permission applied for is hereby granted. Work authorized hereby must be in accordance with the documents approved with your application for permit. All proposed changes to the approved application and documents must be approved by Kane County before such changes are made.

**Work must be started and an inspection scheduled by 09/28/2012 and the entire project must be completed by 03/28/2014 or this permit will expire. A new permit is required for all expired permits.**

## INSPECTIONS ARE REQUIRED

(Except for Agricultural Exempt Structures)

All bearers of building permits are required to give sufficient notice (24 hour minimum) to schedule the following inspections. Inspector availability is dependant on the number of inspection requests received.

**Call (630) 232-5867 to schedule inspections, giving name and permit number.**

In the State of Illinois, Fire Protection Districts have the authority to adopt and enforce ordinances independent from Kane County's adopted building codes and ordinances. It is the owner's responsibility to notify the appropriate fire protection district and comply with any required submittals, inspections and occupancy requirements in addition to those required by Kane County.

Mark Van Kerkhoff
Dated 03/28/2012

Brooke R. Biever
Dated 03/28/2012

Any person, firm, company or corporation who violates, disobeys, omits, neglects, or refuses to comply with, or who resists the enforcement of any of the provisions of the building and zoning ordinance, shall be subject to a fine of not more than 200 dollars for each offense or to imprisonment in the county jail for a period of not more than six months, or both, in the discretion of the court. Each day that a violation continues to exist constitutes a separate offense. In case of violation in addition to other remedies, any appropriate action or proceedings in equity may be instituted (1) to prevent such unlawful erection, construction, reconstruction, alteration, repair, conversion, maintenance or use, (2) to restrain, correct, or abate such violation, (3) to prevent the occupancy of said building, or land, or (4) to prevent any illegal act, conduct, business or use in or about the premises.

KANE COUNTY DEVELOPMENT DEPARTMENT
BUILDING AND COMMUNITY SERVICES DIVISION
719 BATAVIA AVENUE BUILDING A
GENEVA, ILINOIS 60134
(630) 232-3485

# KANE COUNTY BUILDING AND ZONING PERMIT APPLICATION

Application Date: MARCH 23, 2012

## REQUIRED SUBMITTALS - required at time of application

**For Residential Construction:**
2003 International Residential Code, as amended

1. **2 complete sets of construction plans**
2. **3 copies of a plat of survey or site plan drawn to scale, with the proposed construction and all existing structures drawn to scale, no larger than 11 x 17 paper size**
3. Signed Kane County Health Dept. form for well / septic or water / sewer hook-up approval
4. 1 copy of access / culvert permit
5. Legal description for new single family construction
6. KDOT Impact Fee receipt

**For Non-residential and Multi-family:**
2003 International Building Code, as amended

Schedule pre-application meeting with the Building Officer or Permit Coordinator

**For Agricultural Exempt Structures:**

Refer to handout for Agricultural Exempt Structures
Notarized Agricultural Exempt Structure Form required

In the State of Illinois, Fire Protection Districts have the authority to adopt and enforce ordinances independent from Kane County's adopted building codes and ordinances. It is the owner's responsibility to notify the appropriate fire protection district and comply with any required submittals, inspections and occupancy requirements in addition to those required by Kane County.

## PROPERTY INFORMATION — PLEASE PRINT

**Parcel/ PIN / Tax Id. REQUIRED**
(from title or tax bill)
05-29-100-001

**Property Address** (except new construction)
9N636 STATE RT 47
City ELGIN Zip 60124

**Property Owner Information**
Owner: MAAS TRUST
Address: 9N636 STATE RT 47
City / St: ELGIN, IL Zip 60124
Phone #: 847-464-5800

## BUILDING PERMIT APPLICATION

Proposed Construction &/or Use: AGRICULTURAL USE - MACHINE STORAGE 42X72

☐ Residential: Subdivision/Lot
☐ Commercial: Project Name

Private Well? ☐
Public Water Supplier
Private Septic? ☐
Public Sewer

## COSTS, SQUARE FOOTAGE, UNITS

New Construction Cost 35,000
Remodeling Cost
**Total Estimated Cost**
New Dwelling Units

Stormwater Permit #
Well & Septic Permit #
Well & Septic Permit #2
Access Permit ☐
Issued by

**New Square Feet**
Above Ground 3024
(includes garage, decks, porches & stoops)
Basement
Crawl Space
**Total** 3024

**(Continued on Other Side)**

DB2012-2169

## CONTACTS

**Primary Contact for Project:** Owner [X] Lessee [ ] General Contractor [ ]

Other _____

**GENERAL CONTRACTOR (Required)**

ZENZ BUILDINGS
JIM ZENZ
218 SALEM DR.
DEKALB, IL Zip 60115
815-758-7536
Office Mobile

Company
Contact
Address
City & State
E-mail
Phone #s

**ARCHITECT (Required, if Commercial Project)**

Zip
Office Mobile

**ROOFING CONTRACTOR (Required)**

Zip
Office Mobile
License

Company
Contact
Address
City & State
E-mail
Phone #s
License

**PLUMBING CONTRACTOR (Required)**

Zip
Office Mobile
License

**Other Contacts such as Lessee, Electrical Contractor, Designer, Structural Engineer, etc. Indicate which in type of contact.**

**Type of Contact** _____

Zip
Office Mobile

Company
Contact
Address
City & State
E-mail
Phone #s

**Type of Contact** _____

Zip
Office Mobile

In consideration of this application and attached forms being made a part thereof, and the issuance of permit, I/we will conform to the regulations set forth on the Kane County Zoning and Building Ordinances. I/We also agree that all work performed under said permit will be in accordance with the building plans and site plan which accompany this application, except for such changes as may be authorized by the Building Officer.

Alan H Maas
Signature of Owner or Authorized Agent

ALAN H MAAS
Printed Name

Revised 11/04/2005

# COUNTY OF KANE

**DEVELOPMENT DEPARTMENT**
Building and Community Services Division
Mark D. VanKerkhoff, AIA Director

**County Government Center**
719 Batavia Avenue
Geneva, Illinois 60134
Phone: (630) 232-3485
Fax: (630) 232-3411
Website: www.co.kane.il.us

## AGRICULTURAL EXEMPT STRUCTURE

DATE OF APPLICATION: MARCH 23, 2012
OWNER OF PROPERTY MAAS TRUST
ADDRESS: 9N636 STATE RT 47
CITY: ELGIN 60124
TELEPHONE: 847-464-5800
FIRE NUMBER (if one already assigned for farmstead): 9N636 STATE RT 47

ALAN H. MAAS, being first duly sworn, upon his oath deposes and says:

1. That this affiant is the owner of record of the following described or identified real estate, to wit:
   PARCEL NO. 05-29-100-001

2. That the structure now located thereon and/or the structure proposed to be constructed thereon will be used by persons whose occupancy and use thereof is essentially connected with the raising of crops or animals conducted upon said real estate and, therefore, within the definition of "Agriculture" as provided in Article III of the Kane County Zoning Ordinance.

3. This affidavit is made for the purpose of inducing the Enforcing Officer of the Kane County Building & Zoning Division to forbear the taking of any action predicated upon the location, except for set backs, and use of said structure and to recognize them as within the agriculture exemption provided in said Zoning Ordinance and Illinois Revised Statutes.

**-- ANSWER FOLLOWING QUESTIONS --**

1. Proposed Construction **(Attach floor plan diagram labeling uses of all rooms)** POLE BUILDING 42X72

2. Structure to be used for MACHINE STORAGE

3. How many acres in the above tract of land 300

4. Land is now being used for FARMING Will Be used for FARMING

5. Owner's principal occupation FARMING

6. Name of person who is conducting farming operation ALAN H MAAS

7. How many buildings are now on property - Houses 1 Barns 5

Alan H Maas
Signature of Owner
Alan H Maas

Subscribed and sworn to before me
this 23rd DAY of March, 2012
Mary C Nogajewski
Notary Public

"OFFICIAL SEAL"
MARY C. NOGAJEWSKI
Notary Public, State of Illinois
My commission expires 04/14/15

# COUNTY OF KANE

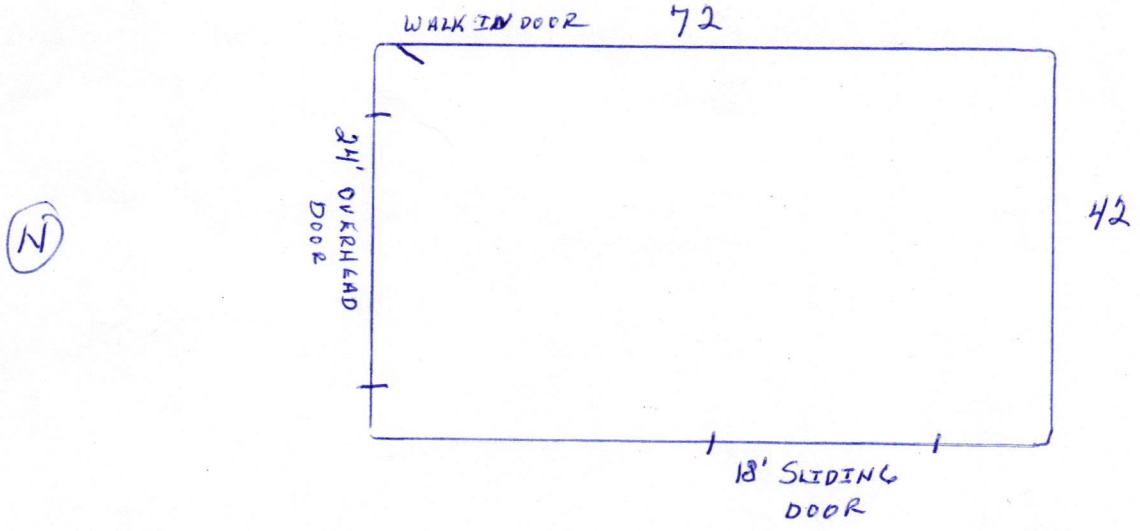
**DEVELOPMENT DEPARTMENT**
Building and Community Services Division
Mark D. VanKerkhoff, AIA Director

**County Government Center**
719 Batavia Avenue
Geneva, Illinois 60134
Phone: (630) 232-3485
Fax: (630) 232-3411
Website: www.co.kane.il.us

# AGRICULTURAL EXEMPT STRUCTURE FLOOR PLAN DIAGRAM

DATE OF APPLICATION: MARCH 23, 2012
OWNER OF PROPERTY MAAS TRUST
ADDRESS: 9N636 STATE RT 47
CITY: ELGIN, IL 60124
TELEPHONE: 847-464-5800
FIRE NUMBER (if one already assigned for farmstead): 9N636

**Sketch floor plan labeling all rooms as to their uses and indicate locations and types of doors.**



DB2012-2169
05-29-100-001
Maas Trust



# FOIA Request :: W050236-112923

EF

Elgin FOIA Center <elginil@mycusthelp.net>

To MBRADY@DEIGANASSOCIATES.COM

Reply | Reply All | Forward | ...

Wed 11/29/2023 11:15 AM

Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

Dear MICHELE BRADY,

Thank you for your request. It will be handled as soon as possible, but Illinois state law allows five (5) business days for a municipality to respond. The municipality may also request an additional five (5) business days if the municipality can demonstrate there are a large number of records or the need for extensive review. If the request is for a commercial purpose, then the municipality has twenty-one (21) business days to respond.

You can monitor the progress of the request using the link below and you'll receive notification once your request has been completed. Again, thank you for using the FOIA Center.

City of Elgin

---

To track your request and respond, visit the **Records Request Center**, then click on "View My Open Records Requests."

MICHELE BRADY
28835 N HERKY DRIVE
LAKE BLUFF, IL 60044

RE: FOIA Request W050236-112923

Dear MICHELE BRADY,

In response to your recent request for information regarding 9N636 Il Route 47, Elgin IL 60124, is not located within the incorporated city limits, due to this fact the City of Elgin has no records or information to provide to you.

- Please note that you may wish to contact the county in which the property is located for any available information.

This request for information is considered fulfilled and will be closed accordingly. Please feel free to visit our website at www.cityofelgin.org/recordsrequest should you need additional information.

Sincerely,

Kimberly Dewis
FOIA Officer

# FOIA Request :: W050235-112923

EF

Elgin FOIA Center <elginil@mycusthelp.net>
To MBRADY@DEIGANASSOCIATES.COM

Reply | Reply All | Forward | ...

Wed 11/29/2023 11:13 AM

Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

Dear MICHELE BRADY,

Thank you for your request. It will be handled as soon as possible, but Illinois state law allows five (5) business days for a municipality to respond. The municipality may also request an additional five (5) business days if the municipality can demonstrate there are a large number of records or the need for extensive review. If the request is for a commercial purpose, then the municipality has twenty-one (21) business days to respond.

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City of Elgin

---

To track your request and respond, visit the **Records Request Center**, then click on "View My Open Records Requests."

# Freedom of Information (FOIA) Request :: W050235-112923

EF

Elgin FOIA Center <elginil@mycusthelp.net>
To MBRADY@DEIGANASSOCIATES.COM

Reply | Reply All | Forward

Wed 11/29/2023 11:33 AM

Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

--- Please respond above this line ---

11/29/2023

MICHELE BRADY
28835 N HERKY DRIVE
LAKE BLUFF, IL 60044

RE: FOIA Request for Fire Reports from Fire

Dear MICHELE BRADY,

In response to your recent request for information, we are unable to locate the requested material or no such material exists.

Please feel free to visit our website at www.cityofelgin.org/recordsrequest should you have additional information that might assist us in our search.

**From:** epa.foia@illinois.gov <epa.foia@illinois.gov>
**Sent:** Tuesday, November 28, 2023 1:53 PM
**To:** mbrady@deiganassociates.com
**Subject:** Illinois EPA FOIA Request Received - Michele Brady

# Illinois Environmental Protection Agency

## FOIA Request Received

Tuesday, November 28, 2023

Ms. Michele Brady
Deigan & Associates
28835 Herky Drive
Lake Bluff, IL 60044

Requester Type: Consultant

Dear Michele Brady,

We have received your request for information under the Illinois Freedom of Information Act. Listed below is a summary of what we received in your online request.

**Please do not reply to this email. If you have questions about your request please call (217) 558-5101.**

### Request Summary

| | |
|---|---|
| **Received** | 11/28/2023 1:52:37 PM |
| **Reference Id(s)** | |
| **Date Range** | 01/01/1900 - 11/28/2023 |
| **Request Narrative** | Copies of all public records including but not limited to hazmat responses, spills/releases, chemical storage, fires, employee exposure incidents, underground or aboveground storage tanks, individual sewage disposal (ISD) permits, complaints, solid waste (landfills, etc.) or related information for 9N636 IL ROUTE 47 ELGIN, IL, 60124-8723 |

© 2015 Illinois EPA

**From:** Kates, Kelly <Kelly.Kates@Illinois.gov>
**Sent:** Wednesday, November 29, 2023 10:06 AM
**To:** mbrady@deiganassociates.com
**Subject:** Illinois EPA FOIA Response


**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 · (217) 782-3397
JB PRITZKER, GOVERNOR JOHN J. KIM, DIRECTOR


November 29, 2023

Deigan & Associates
Attn: Ms. Michele Brady
28835 Herky Drive
Lake Bluff, IL 60044

Re: Freedom of Information Act Request - 128807

Dear Ms. Brady:

This letter is in response to your Freedom of Information Act (FOIA) (5 ILCS 140/1 et seq.) request dated November 28, 2023 and received by the Illinois Environmental Protection Agency (Illinois EPA) on November 28, 2023.

Following a search, the Illinois EPA has determined there to be no information responsive to your request.

| **Requested Information** |
|---|
| 1. Elgin – 9N636 IL Route 47 |

Sincerely,

Anwar Johnson
Illinois EPA FOIA Officer
217.558.5101
http://www.epa.illinois.gov/foia/index


State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

# [Document Released] Kane County public records request #23-944

KC

Kane County FOIA Request - Time Sensitive <messages@nextrequest.com>
To mbrady@deiganassociates.com

If there are problems with how this message is displayed, click here to view it in a web browser.
Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

-- Attach a non-image file and/or reply ABOVE THIS LINE with a message, and it will be sent to staff on this request. --

Kane County Public Records

## Documents have been released for record request #23-944 along with the following message:

Please find attached documents, per your request.

- Application 2.pdf
- Ag Exempt Structure Permit.pdf
- Application.pdf
- Roofing Permit.pdf
- Siding Permit.pdf

**From:** Kane County FOIA Request - Time Sensitive <messages@nextrequest.com>
**Sent:** Monday, December 4, 2023 10:05 AM
**To:** mbrady@deiganassociates.com
**Subject:** Your Kane County public records request #23-944 has been opened.

-- Attach a non-image file and/or reply ABOVE THIS LINE with a message, and it will be sent to staff on this request. --

Kane County Public Records

**Your record request #23-944 has been submitted successfully.**

**View Request 23-944**

https://kanecountyil.nextrequest.com/requests/23-944

**Request Visibility:** Unpublished

# Request 23-930 Open

## Dates

**Received**

November 28, 2023 via web

## Requester

MICHELE BRADY
mbrady@deiganassociates.com
28835 N HERKY DRIVE SUITE 120, LAKE BLUFF, IL, 60044
8475785000
DEIGAN & ASSOCIATES, LLC

## Request

I am requesting copies of all public records pursuant to the Freedom of Information Act (FOIA) including but not limited to hazmat responses, spills/releases, chemical storage, fires, employee exposure incidents, underground or aboveground storage tanks, well permits and inspections, individual sewage disposal (ISD) permits, complaints, solid waste (landfills, etc.) or related information for 9N636 IL ROUTE 47

ELGIN, IL, 60124-8723

## Timeline Documents

### Department Assignment

Public

Health Department

### Request Opened

Public

Request received via web

November 28, 2023, 1:57pm by the requester

#23-930

November 30, 2023

Re: FOIA Request

Michele,

Thank you for writing to the Kane County Health Department with your request for information pursuant to the Illinois Freedom of Information Act, 5 ILCS 140/1 et seq.

On November 28, 2023, you requested the following information:

I am requesting copies of all public records pursuant to the Freedom of Information Act (FOIA) including but not limited to hazmat responses, spills/releases, chemical storage, fires, employee exposure incidents, underground or aboveground storage tanks, well permits and inspections, individual sewage disposal (ISD) permits, complaints, solid waste (landfills, etc.) or related information for 9N636 IL ROUTE 47 ELGIN, IL, 60124-8723

The Kane County Health Department does not have information pursuant to your request. No records found.

The Office of Emergency Management does not have any information related to this request. The location is not related to a chemical reporting facility and we do not have a spill report linked to the address.

Information regarding UGSTs can be accessed by contacting the Office of the State Fire Marshall.

Sincerely,

Rachael Page

Kane County Health Department FOIA Officer

# Thank You

Thank you for your comment and/or question.

If you left your contact information, and desired a response, we will attempt to reach you shortly.

ication has been received for a Kane County Building and Zoning permit, dated **August 17, 1998**
are the owner/lessee of the premises legally described as follows:

: **LOT #:** **BLOCK:**

**Part Of The NW Qtr Of Sec 20 Plato Twp.**

desire to make thereon certain described improvements costing $ **4,000.00**
**Off / Reroof**

agree to use such premises and existing and proposed buildings and structures for only the uses as shown above, under
sed improvements and uses as applied for, are permissible under the terms of the Zoning Ordinance adopted by the Board
, Illinois, on December 5, 1937, and Building Ordinance adopted December 15, 1954 and subsequently amended and the pe
granted.

orized hereby must be in accordance with the sketch on your application for this permit. Notify the Kane County Building an
of any proposed changes, before such changes are made.

## BUILDING INSPECTION PROCEDURE

of building permits are required to give sufficient advance notice with regard to the following stages of construction:
Number. Give at least 24 hours notice for each inspection -- more if possible

1. Location of building, well and sewage disposal system BEFORE construction is started. This inspection is conducte and Zoning Division to satisfy the zoning requirement before the permit is issued.
2. Footing form inspection BEFORE footing is poured.
3. Form inspection BEFORE any slab is poured including garage slab. Foundation forms are also to be inspected pr concrete, where reinforcing steel is required. Gravel base shall be in required condition to receive slab.
4. Foundation inspection BEFORE installing any steel or wood beams or any floor joists. This inspection is to be backfilling outside of foundation, but AFTER any required dampproofing and AFTER covering drain tile with washe
5. Inspection AFTER building is framed, roofed and rough wiring and plumbing are installed. This is BEFORE any la inside wall covering is installed and BEFORE exterior sheathing is covered or brick veneer is erected. Inspection of gr shall also be made at this time.
6. Inspection AFTER insulation. This is BEFORE any lath, or inside wall covering is installed.
7. All sewage disposal systems to be inspected BEFORE backfilling.
8. Inspection of well installation BEFORE covering of pipe.
9. BEFORE occupying building or structure call for final inspection and issuance of a certificate of occupancy.
10. Copy of approved water analysis by Illinois Dept. of Public Health or approved testing laboratory and a Plumbing Ce furnished BEFORE Certificate of Occupancy will be issued.

630) 232-3485 for these inspections; giving name and permit number. 24 hour notice is required. This office will cooperate by giving the be service possible.

cing Officer of Kane County Zoning Ordinance

Enforcing Officer of Kane County Building Ord

Dated **August 27, 1998**

Dated **August 27, 1998**

ollowing penalties and enforcements provided in state zoning act and county building ordinance:

**05-29-1**

n, firm, company or corporation who violates, disobeys, omits, neglects, or refuses to , or who resists the enforcement of any of the provisions of the building and zoning hall be subject to a fine of not more than 200 dollars for each offense or to imprisonment jail for a period of not more than six months, or both, in the discretion of the court. Each

Parcel No.

ion has been received for a Kane County Building and Zoning permit, dated May 28, 1993 in
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: LOT #: BLOCK:

Pt Of The NW Qr, Sec 29, Plato Twp.

sire to make thereon certain described improvements costing $ 4,000.00
de Residence.

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5. Inspection AFTER building is framed, roofed and rough wiring and plumbing are installed. This is BEFORE any lat
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Edward T. Forbes
ing Officer of Kane County Zoning Ordinance

June 10, 1993
Dated

Enforcing Officer of Kane County Building Ord

June 10, 1993

llowing penalties and enforcements provided in state zoning act and county building
rdinance:

n, firm, company or corporation who violates, disobeys, omits, neglects, or refuses to
, or who resists the enforcement of any of the provisions of the building and zoning
hall be subject to a fine of not more than 200 dollars for each offense or to imprisonment
jail for a period of not more than six months, or both, in the discretion of the court. Each

Parcel No. 05-29-

# Appendix E

EDR Certified Sanborn Map

Proj #23-065 Community School Dist 301

9N636 IL-47

Elgin, IL 60124

Inquiry Number: 7504249.3

November 22, 2023

# Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# Certified Sanborn® Map Report

11/22/23

| Site Name: | Client Name: |
|---|---|
| Proj #23-065 Community Scho | Deigan and Assoc. |
| 9N636 IL-47 | 28835 N. Herky Drive, Unit 120 |
| Elgin, IL 60124 | Lake Bluff, IL 60044 |
| EDR Inquiry # 7504249.3 | Contact: MICHELE BRADY |

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Deigan and Assoc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## *Certified Sanborn Results:*

**Certification #** F778-43BB-B9ED

**PO #** NA

**Project** Proj #23-065 Com Sch Dst 301

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: F778-43BB-B9ED

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

*The Sanborn Library LLC Since 1866™*

### Limited Permission To Make Copies

Deigan and Assoc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.


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# Appendix F

EDR City Directory Image Report

**Proj #23-065 Community School Dist 301**
9N636 IL-47
Elgin, IL 60124

Inquiry Number: 7504249.5
November 27, 2023

# The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

# TABLE OF CONTENTS

## SECTION

**Executive Summary**

**Findings**

**City Directory Images**

***Thank you for your business.***
Please contact EDR at 1-800-352-0050
with any questions or comments.

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# EXECUTIVE SUMMARY

## DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

## RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer.

## RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

| *Year* | *Target Street* | *Cross Street* | *Source* |
|---|---|---|---|
| 2020 | ☑ | ☐ | EDR Digital Archive |
| 2017 | ☑ | ☐ | Cole Information |
| 2014 | ☑ | ☐ | Cole Information |
| 2010 | ☑ | ☐ | Cole Information |
| 2005 | ☑ | ☐ | Cole Information |
| 2000 | ☑ | ☐ | Cole Information |
| 1995 | ☑ | ☐ | Cole Information |
| 1992 | ☑ | ☐ | Cole Information |
| 1990 | ☐ | ☐ | Haines Criss-Cross Directory |
| 1985 | ☐ | ☐ | Haines Criss-Cross Directory |
| 1980 | ☐ | ☐ | Haines Criss-Cross Directory |
| 1977 | ☐ | ☐ | Haines Criss-Cross Directory |
| 1972 | ☐ | ☐ | Polk's City Directory |
| 1966 | ☐ | ☐ | Polk's City Directory |
| 1962 | ☐ | ☐ | Polk's City Directory |
| 1959 | ☐ | ☐ | Polk's City Directory |

# FINDINGS

## TARGET PROPERTY STREET

9N636 IL-47
Elgin, IL 60124

| *Year* | *CD Image* | *Source* | |
|---|---|---|---|

## IL ROUTE 47

| | | | |
|---|---|---|---|
| 2020 | pg A1 | EDR Digital Archive | |
| 2017 | pg A2 | Cole Information | |
| 2014 | pg A3 | Cole Information | |
| 2010 | pg A4 | Cole Information | |
| 2005 | pg A5 | Cole Information | |
| 2000 | - | Cole Information | Street not listed in Source |
| 1995 | - | Cole Information | Street not listed in Source |
| 1992 | - | Cole Information | Street not listed in Source |
| 1990 | - | Haines Criss-Cross Directory | Street not listed in Source |
| 1985 | - | Haines Criss-Cross Directory | Street not listed in Source |
| 1980 | - | Haines Criss-Cross Directory | Street not listed in Source |
| 1977 | - | Haines Criss-Cross Directory | Street not listed in Source |
| 1972 | - | Polk's City Directory | Street not listed in Source |
| 1966 | - | Polk's City Directory | Street not listed in Source |
| 1962 | - | Polk's City Directory | Street not listed in Source |
| 1959 | - | Polk's City Directory | Street not listed in Source |

## RT 47

| | | | |
|---|---|---|---|
| 2000 | pg A6 | Cole Information | |

## STATE ROUTE 47

| | | | |
|---|---|---|---|
| 1995 | pg A7 | Cole Information | |
| 1990 | - | Haines Criss-Cross Directory | Street not listed in Source |
| 1985 | - | Haines Criss-Cross Directory | Street not listed in Source |
| 1980 | - | Haines Criss-Cross Directory | Street not listed in Source |
| 1977 | - | Haines Criss-Cross Directory | Street not listed in Source |

# FINDINGS

| *Year* | *CD Image* | *Source* | |
|---|---|---|---|
| 1972 | - | Polk's City Directory | Street not listed in Source |
| 1966 | - | Polk's City Directory | Street not listed in Source |
| 1962 | - | Polk's City Directory | Street not listed in Source |
| 1959 | - | Polk's City Directory | Street not listed in Source |

**STATE RT 47**

| | | | |
|---|---|---|---|
| 1992 | pg A8 | Cole Information | |

# FINDINGS

## CROSS STREETS

No Cross Streets Identified

# City Directory Images

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | EDR Digital Archive |

# IL ROUTE 47 2020

| | |
|---|---|
| 8854 | BRIAN SMITH |
| | TRACIE SMITH |
| 9078 | CASEY PANICHI |
| 9296 | ALAN MAAS |
| 9299 | RUNDE'S LANDSCAPE CONTRACTORS |
| 9315 | ANDREA SCHROEDER |
| | JENNA RUNDE |
| | JOSEPH RUNDE |
| | KIMBERLY RUNDE |
| 9636 | MARILYN MAAS |
| | NU-WAY TREE MOVING INC |
| 9803 | JAMES ZIMMERMAN |
| | JANE BOGATITUS |
| | JANE OLSON |
| | JOHN OLSON |
| | KRISTIAN BOGATITUS |
| 10151 | DARLENE BOHLIN |
| | RUSSELL BOHLIN |
| 10152 | DONNA ZIELINSKI |
| 10180 | CAROL ANDERSON |
| 10218 | JILL GARRETT |
| | ROBERT GARRET |
| | WILLIAM GARRETT |
| 10324 | DANIEL AURELIO |
| | KRISTIN AURELIO |
| 10390 | JOHN STEIDLE |
| | REILLY STEIDLE |
| 10831 | KENNETH BARTELS |

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | Cole Information |

# IL ROUTE 47 2017

9299 RUNDES LANDSCAPE CONTRACTORS INC

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | Cole Information |

# IL ROUTE 47 2014

| | |
|---|---|
| 8854 | SMITH, TRACIE S |
| 8903 | HERRMANN, ROBERT S |
| 9078 | OCCUPANT UNKNOWN, |
| 9315 | RUNDE, JOSEPH R |
| 9636 | MAAS, HARRY |
| 10100 | ARREGUIN, RENEE |
| 10151 | BOHLEM, RUSSELL E |
| 10152 | ZIELINSKI, EDWARD J |
| 10180 | ANDERSON, RICHARD E |
| 10218 | GARRETT, ROBERT E |
| 10254 | BACHI, DAN R |
| 10293 | OCCUPANT UNKNOWN, |
| 10390 | GUDGER, DAVID T |
| 10831 | BARTELS, KENNETH H |

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | Cole Information |

# IL ROUTE 47 2010

| | |
|---|---|
| 8903 | HERRMANN, ROBERT J |
| 9078 | PANICHI, CASEY |
| 9296 | CHRISTENSEN, ANNE V |
| 9299 | RUNDES LANDSCAPE CONTRACTORS |
| 9315 | RUNDE, JOSEPH R |
| 9636 | MAAS, HARRY |
| | NUWAY TREE MOVING INC |
| 9803 | OLSON AVIATION |
| 10100 | ARREGUIN, RENEE |
| 10151 | BOHLIN, RUSSELL E |
| 10152 | ZIELINSKI, EDWARD J |
| 10180 | ANDERSON, CAROL S |
| 10390 | GUDGER, DAVID T |
| 10831 | BARTELS, KENNETH H |

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | Cole Information |

# IL ROUTE 47 2005

8903 HERRMANN, ROBERT S
9078 OCCUPANT UNKNOWN,
9296 CHRISTENSEN, KENNETH A
9315 RUNDE, JOSEPH R
RUNDES LANDSCAPE INC
9636 MAAS, MABEL D
9803 OLSON AVIATION LTD
OLSON, JOHN
10100 BANUELOS, DAVID
10151 OCCUPANT UNKNOWN,
10152 ZIELINSKI, EDWARD J
10180 ANDERSON, CAROL S
10218 OCCUPANT UNKNOWN,
10254 BACHI, DAN R
10293 RICHARDSON, JAY C
10390 OCCUPANT UNKNOWN,
10831 BARTELS, KENNETH H

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | Cole Information |

## RT 47 2000

| | |
|---|---|
| 9296 | CHRISTENSEN, KENNETH A |
| 9315 | RUNDE, JOSEPH |
| 9803 | OLSON, JOHN |
| 10100 | COGLIANESE, ALBERT J |
| 10152 | ZIELINSKI, EDWARD |
| 10254 | BACHI, WILLIAM |
| 10293 | BOHLIN, KEVIN R |

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | Cole Information |

## STATE ROUTE 47 1995

| | |
|---|---|
| 9296 | CHRISTENSEN, KENNETH A |
| 9803 | OLSON, PAUL C |
| 10100 | COGLIANESE, ALBERT J SR |
| 10180 | ANDERSON PIANO SVC |
| 10254 | BACHI, WILLIAM |

| Target Street | Cross Street | Source |
|---|---|---|
| ✓ | - | Cole Information |

## STATE RT 47 1992

9803 FREEMAN, EDMOND F
OLSON, JOHN

# Appendix G

EDR Aerial Decade Package

**Proj #23-065 Community School Dist 301**

9N636 IL-47

Elgin, IL 60124

Inquiry Number: 7504249.8

November 27, 2023

# The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# EDR Aerial Photo Decade Package

11/27/23

**Site Name:**

Proj #23-065 Community Scho
9N636 IL-47
Elgin, IL 60124
EDR Inquiry # 7504249.8

**Client Name:**

Deigan and Assoc.
28835 N. Herky Drive, Unit 120
Lake Bluff, IL 60044
Contact: MICHELE BRADY

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

***Search Results:***

| Year | Scale | Details | Source |
|---|---|---|---|
| 2019 | 1"=625' | Flight Year: 2019 | USDA/NAIP |
| 2015 | 1"=625' | Flight Year: 2015 | USDA/NAIP |
| 2012 | 1"=625' | Flight Year: 2012 | USDA/NAIP |
| 2009 | 1"=625' | Flight Year: 2009 | USDA/NAIP |
| 2006 | 1"=625' | Flight Year: 2006 | USDA/NAIP |
| 1999 | 1"=625' | Acquisition Date: January 01, 1999 | USGS/DOQQ |
| 1993 | 1"=625' | Acquisition Date: March 30, 1993 | USGS/DOQQ |
| 1988 | 1"=625' | Flight Date: April 19, 1988 | NAPP |
| 1980 | 1"=625' | Flight Date: October 21, 1980 | NHAP |
| 1974 | 1"=625' | Flight Date: October 10, 1974 | USDA |
| 1972 | 1"=625' | Flight Date: October 26, 1972 | USGS |
| 1958 | 1"=625' | Flight Date: May 29, 1958 | USGS |
| 1953 | 1"=625' | Flight Date: April 20, 1953 | USGS |
| 1939 | 1"=625' | Flight Date: July 14, 1939 | USDA |

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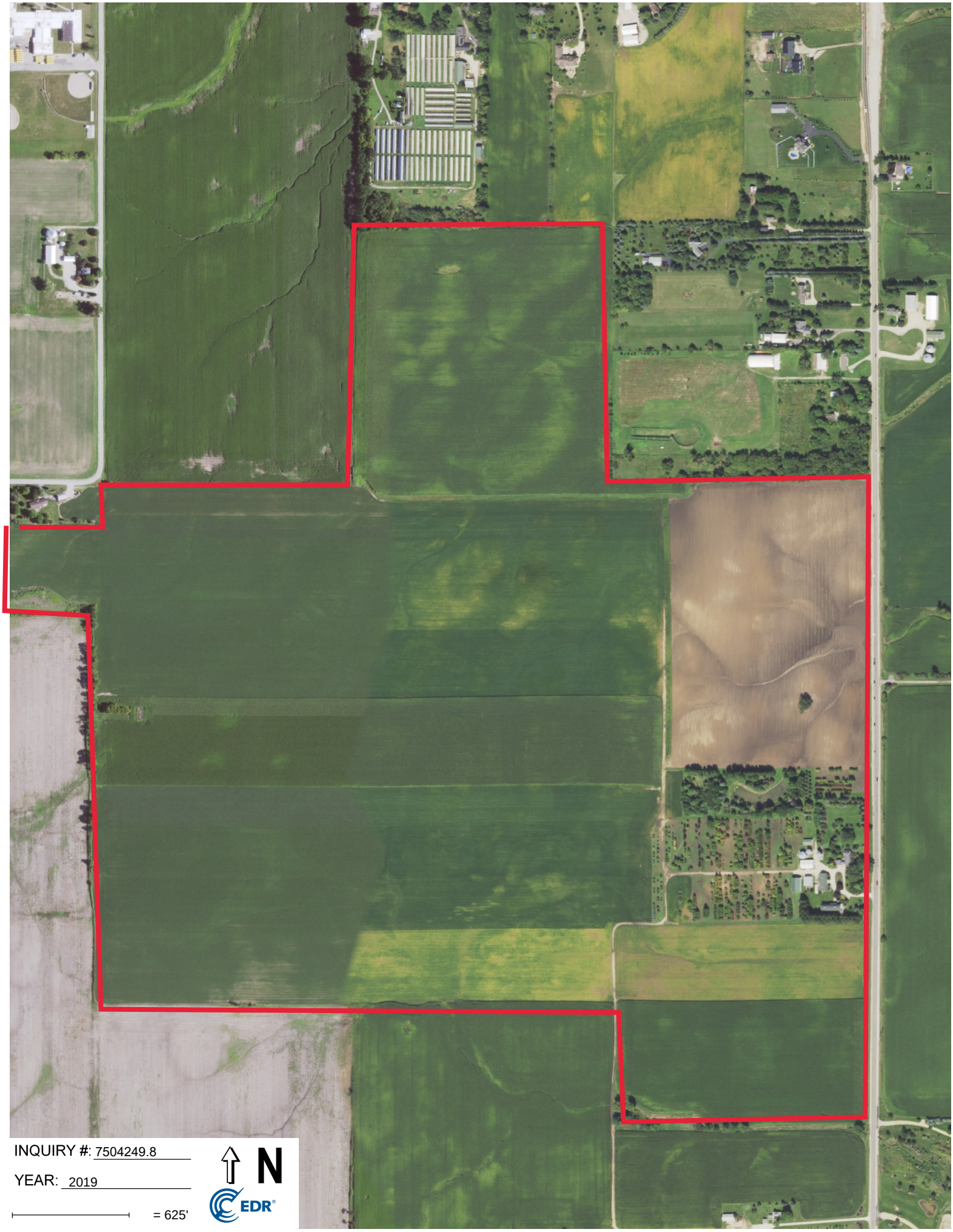

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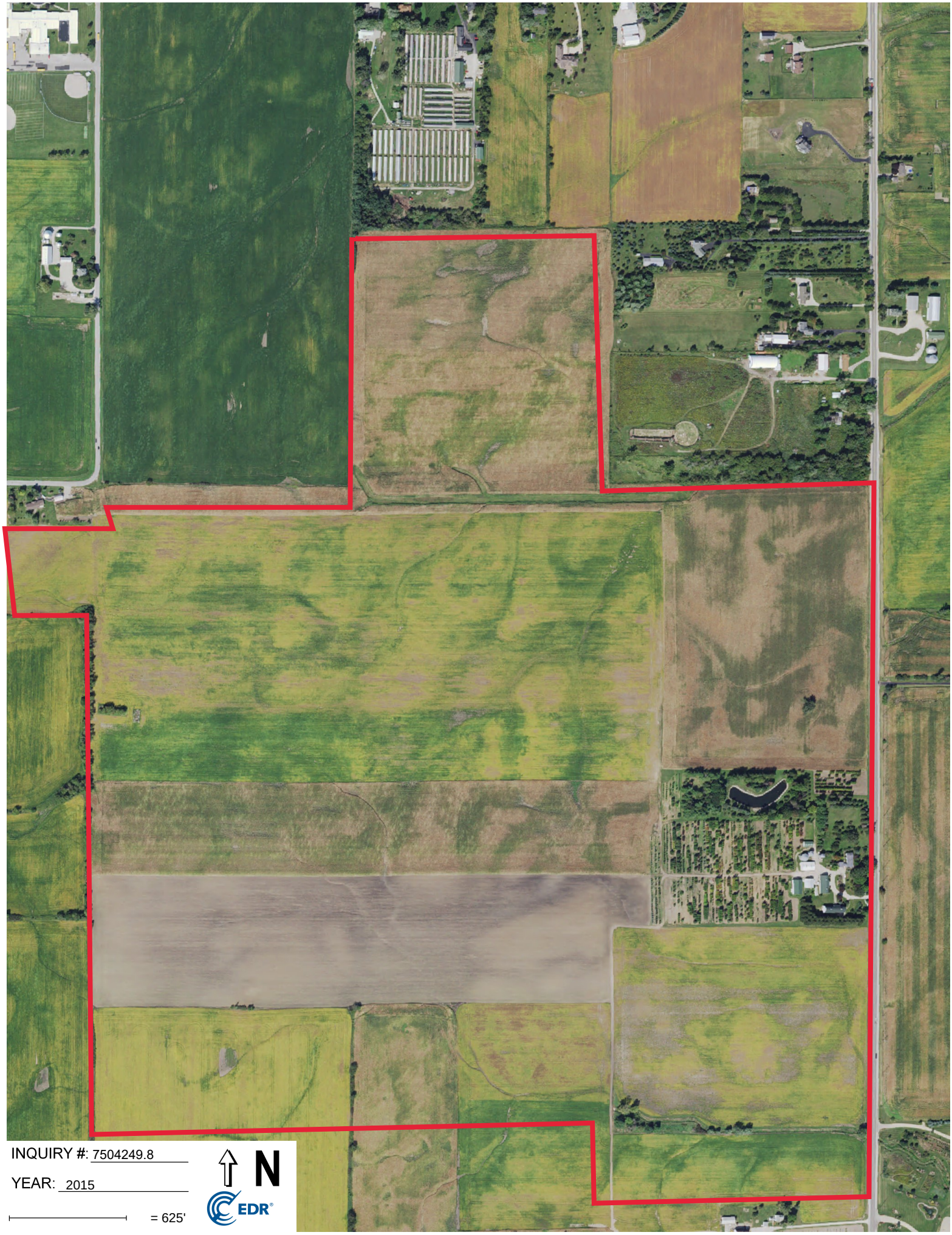
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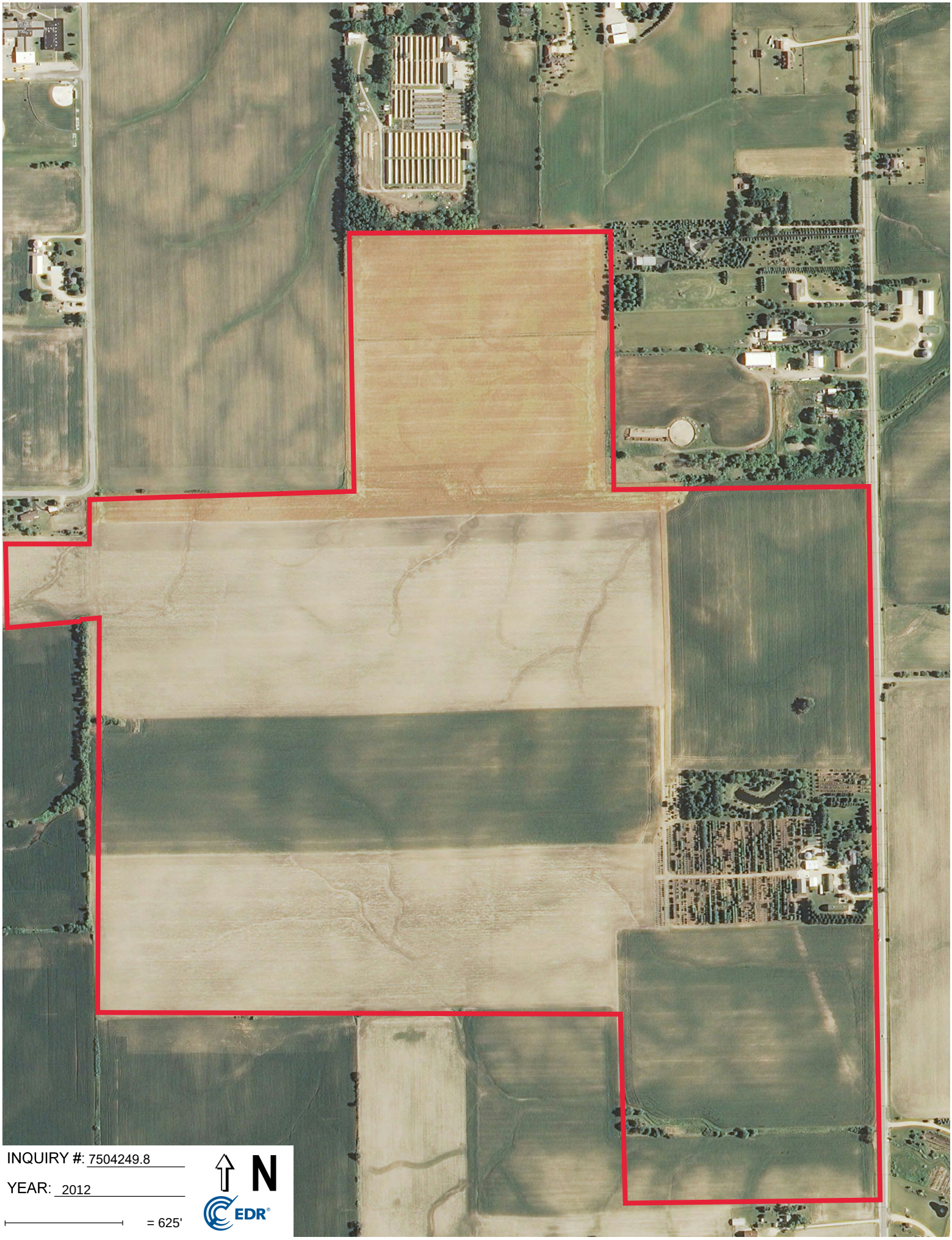
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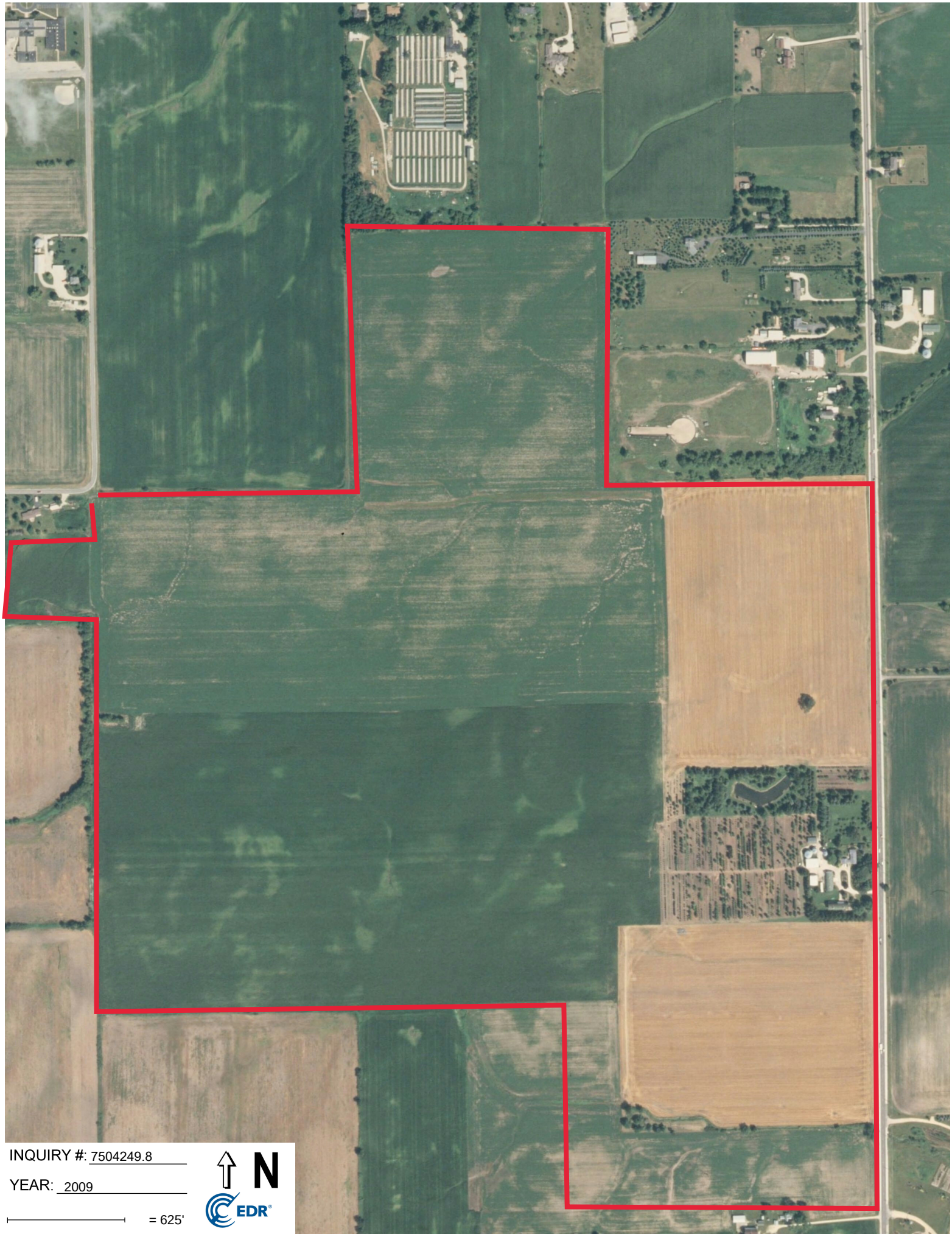
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INQUIRY #: 7504249.8
YEAR: 2019
= 625'
N
EDR


INQUIRY #: 7504249.8
YEAR: 2015
= 625'
N
EDR


INQUIRY #: 7504249.8
YEAR: 2012
= 625'
N
EDR



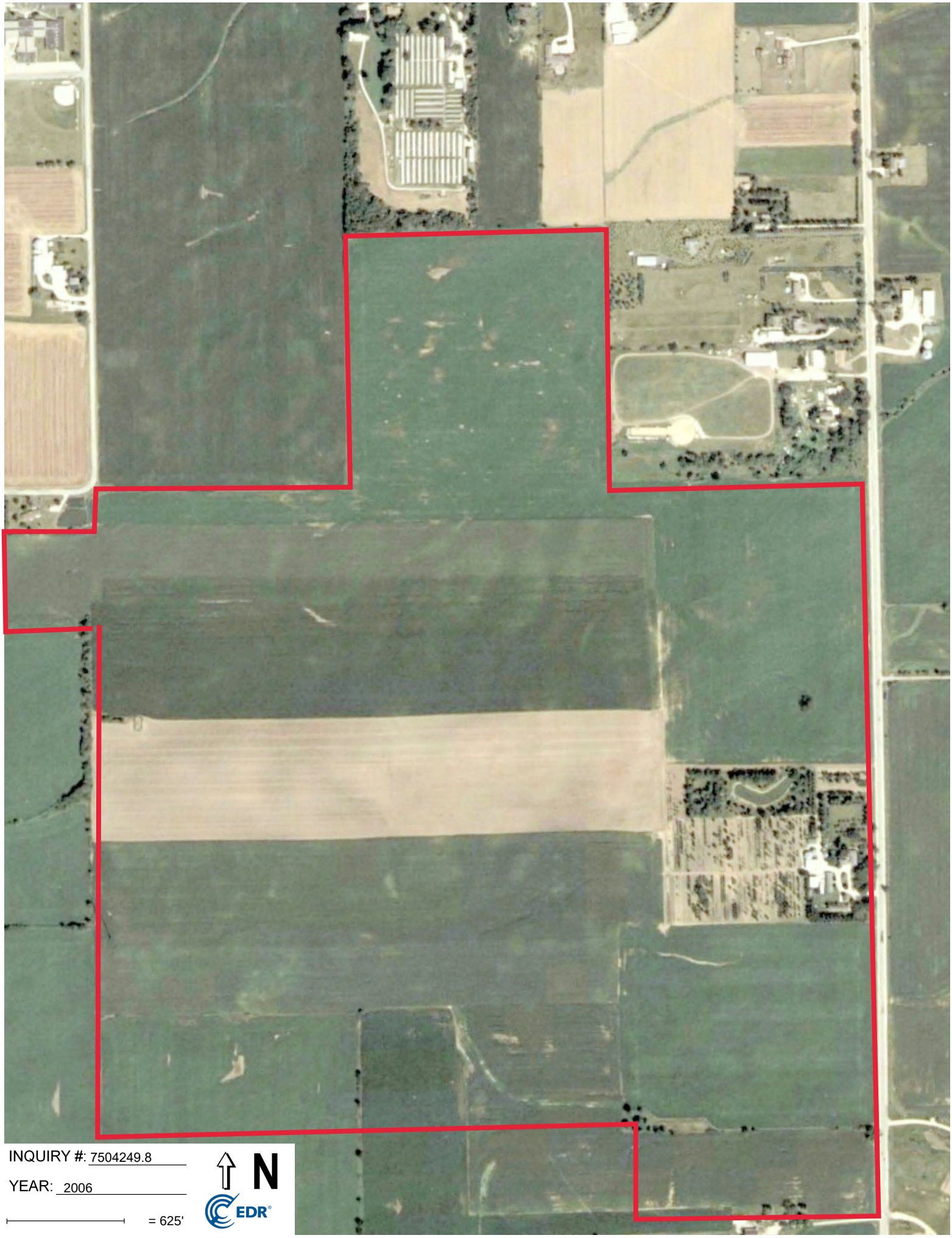
INQUIRY #: 7504249.8

YEAR: 2009

= 625'

N

EDR



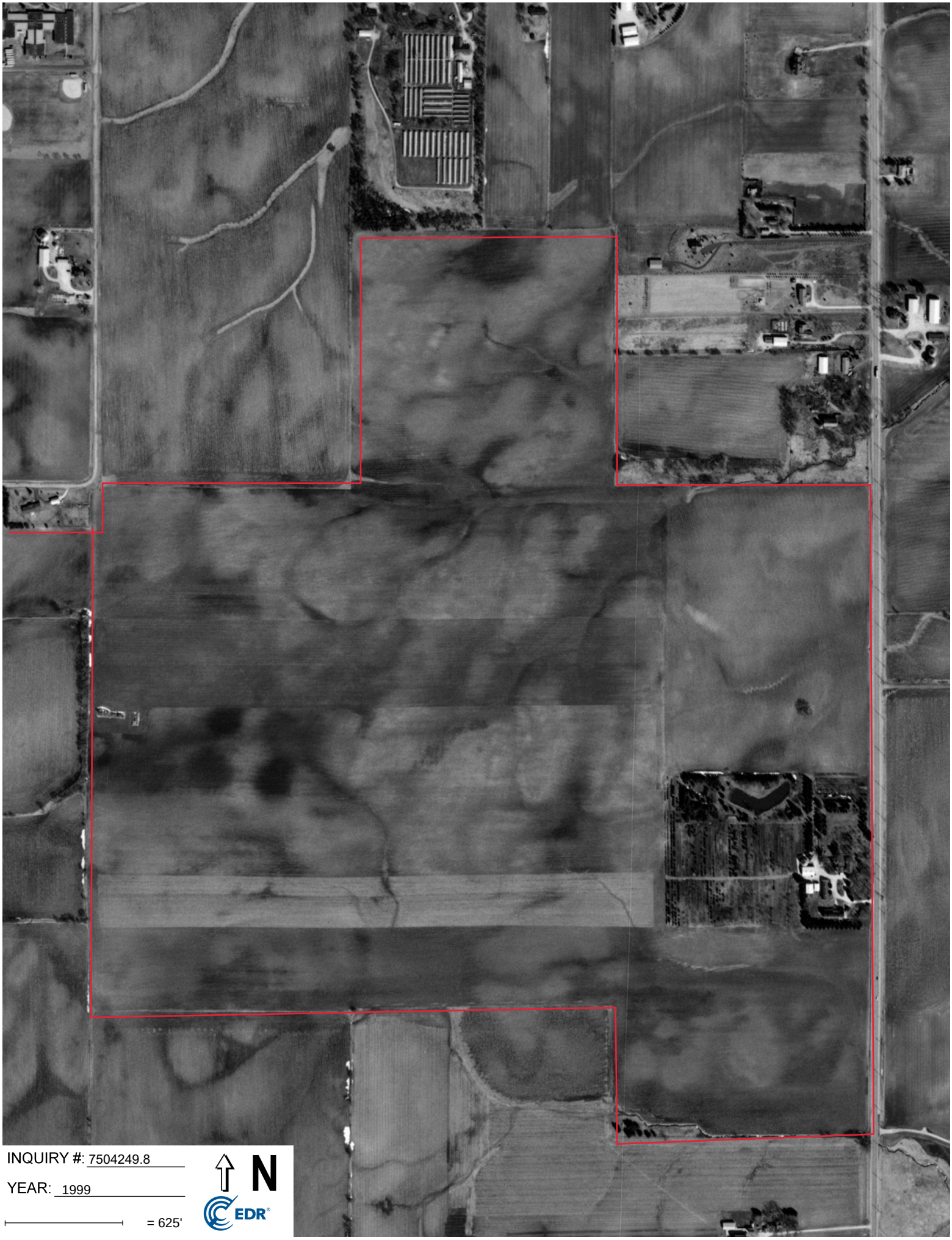
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YEAR: 2006

= 625'

N

EDR



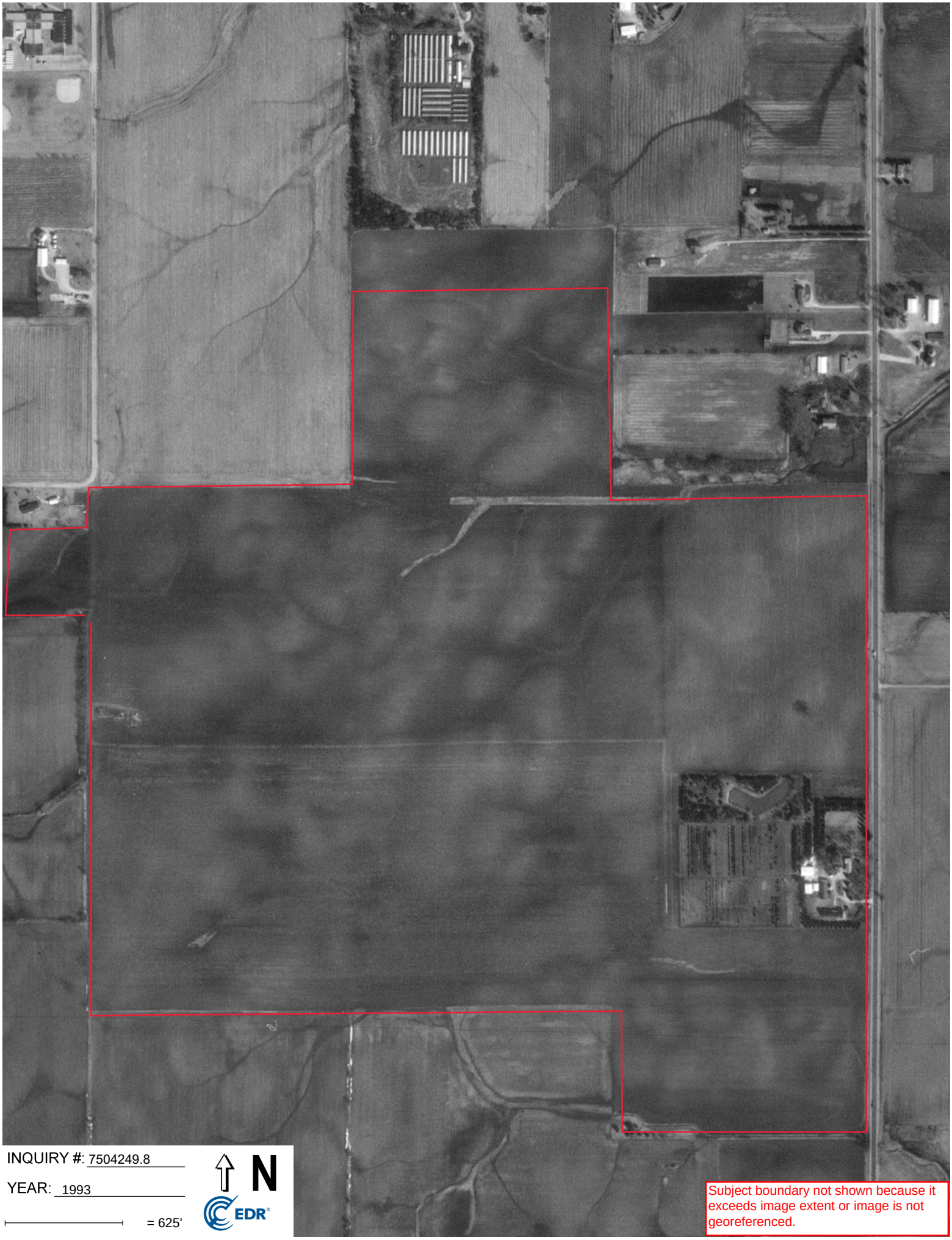
INQUIRY #: 7504249.8

YEAR: 1999

= 625'

N

EDR



INQUIRY #: 7504249.8

YEAR: 1993

= 625'

N

EDR

Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 7504249.8

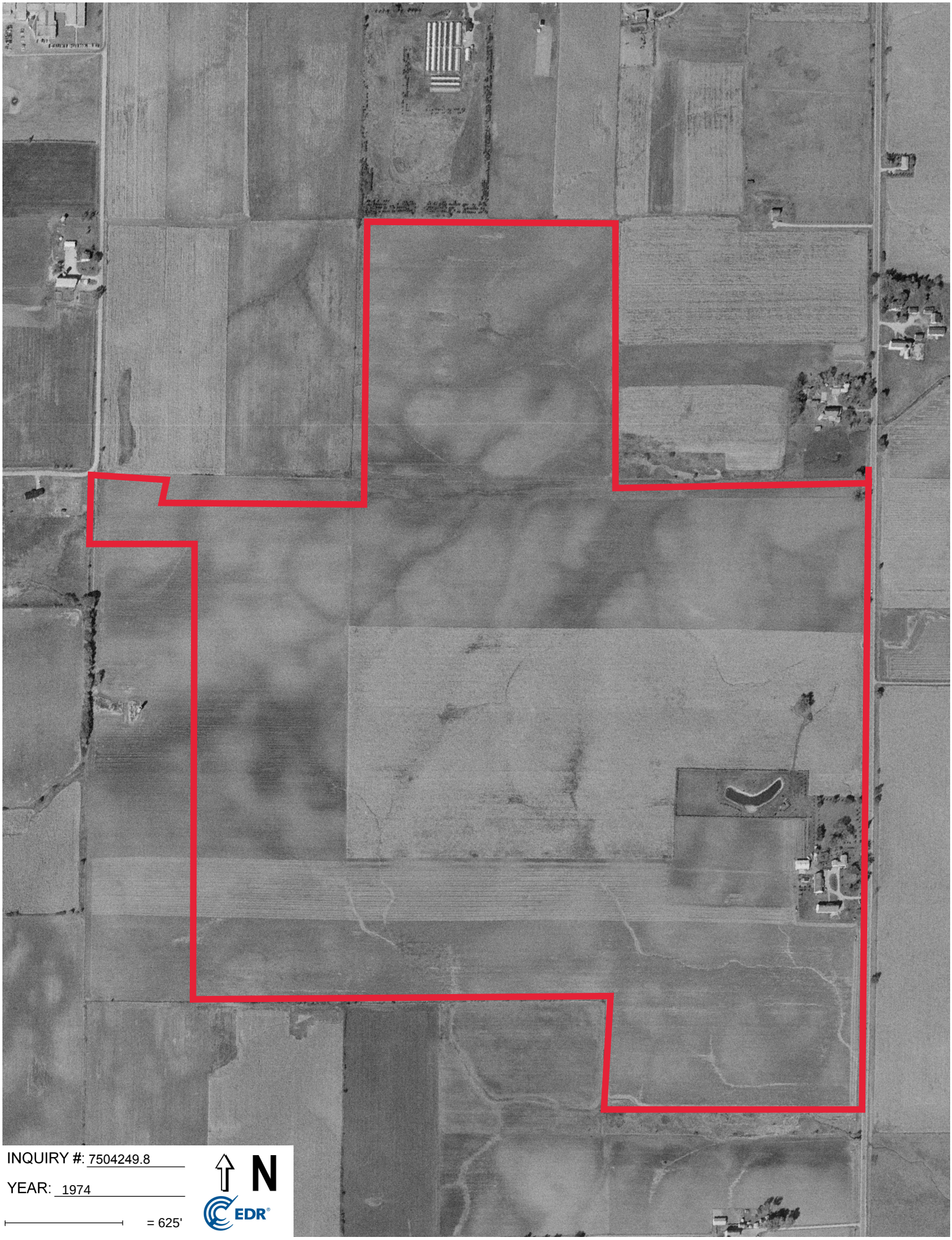
YEAR: 1988

= 625'

N

EDR


INQUIRY #: 7504249.8
YEAR: 1980
= 625'
N
EDR
Subject boundary not shown because it exceeds image extent or image is not georeferenced.



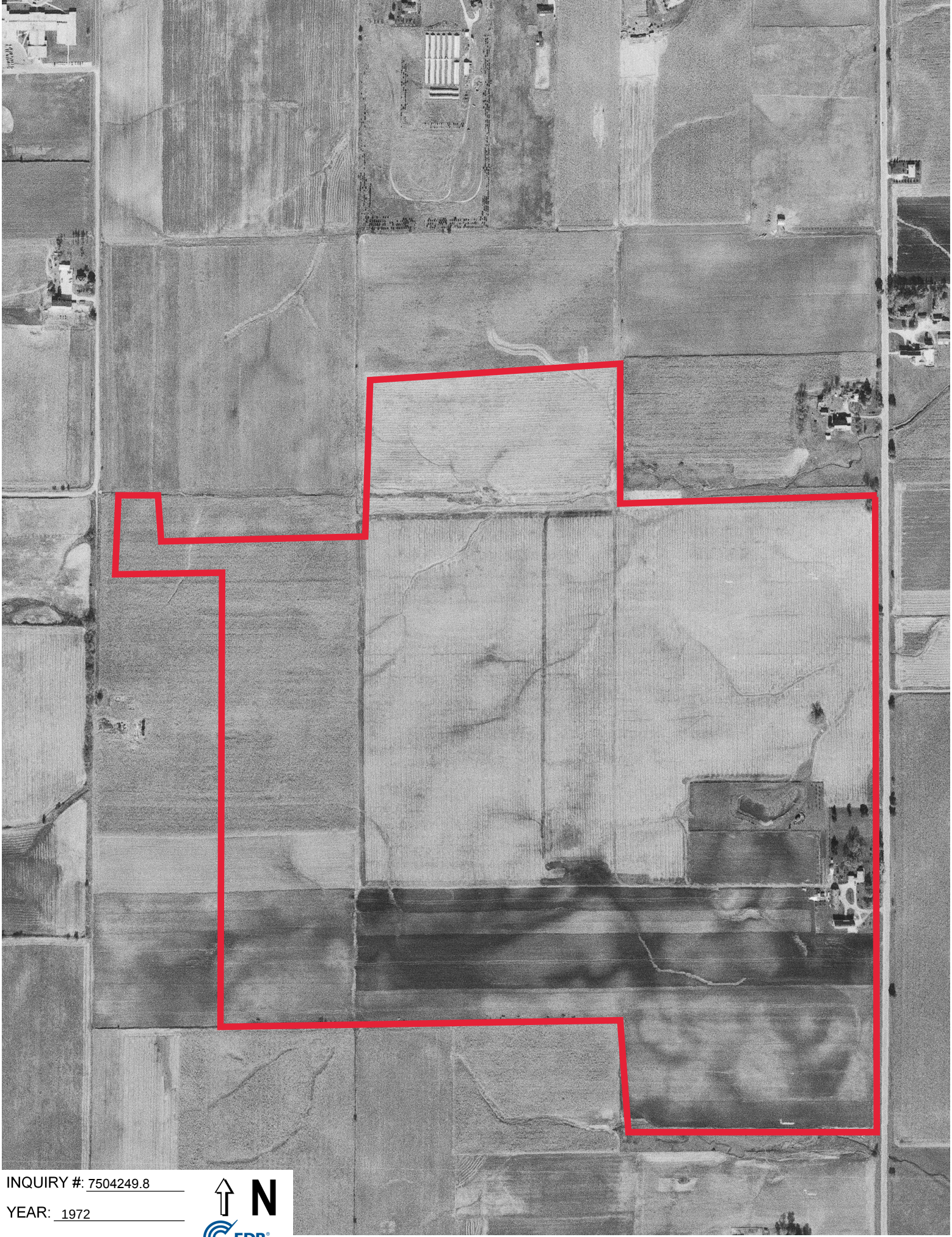
INQUIRY #: 7504249.8

YEAR: 1974

= 625'

N

EDR



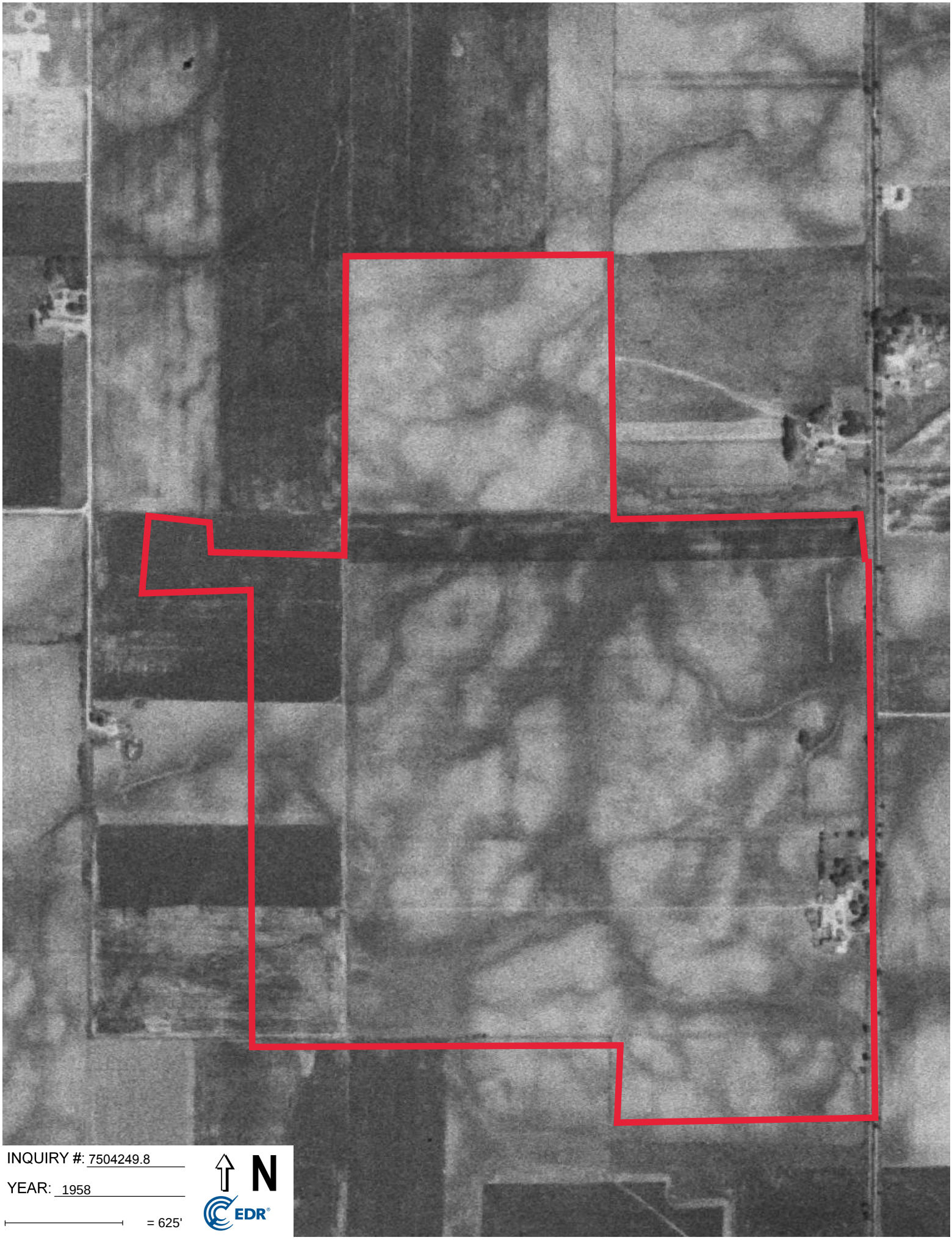
INQUIRY #: 7504249.8

YEAR: 1972

= 625'

N

EDR



INQUIRY #: 7504249.8

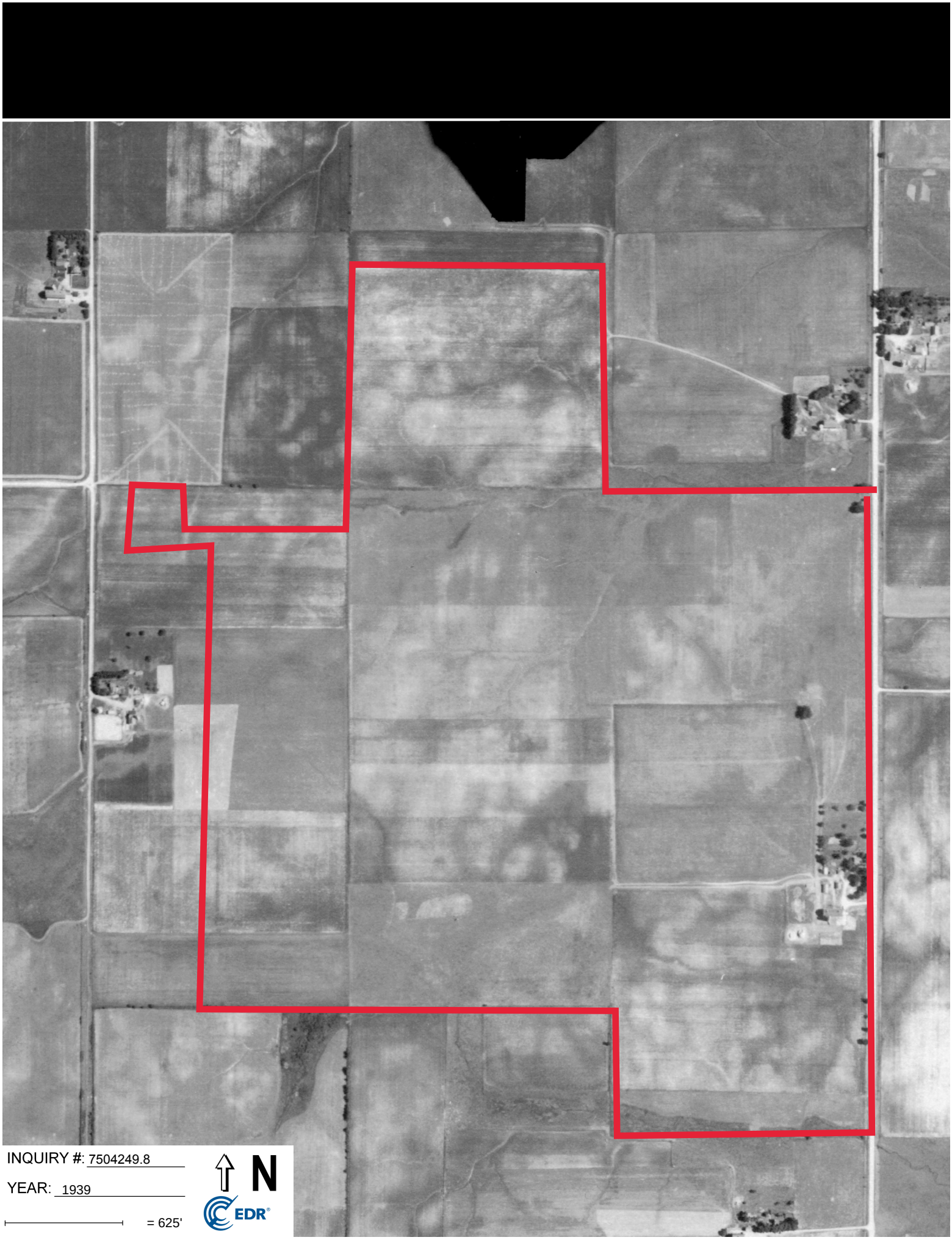
YEAR: 1958

= 625'

N

EDR


INQUIRY #: 7504249.8
YEAR: 1953
= 625'
N
EDR


INQUIRY #: 7504249.8
YEAR: 1939
= 625'
N
EDR

# Appendix H

## EDR Historical Topography Maps

Proj #23-065 Community School Dist 301

9N636 IL-47

Elgin, IL 60124

Inquiry Number: 7504249.4

November 22, 2023

# EDR Historical Topo Map Report

## with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

# EDR Historical Topo Map Report

11/22/23

**Site Name:**

Proj #23-065 Community Scho
9N636 IL-47
Elgin, IL 60124
EDR Inquiry # 7504249.4

**Client Name:**

Deigan and Assoc.
28835 N. Herky Drive, Unit 120
Lake Bluff, IL 60044
Contact: MICHELE BRADY

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Deigan and Assoc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

***Search Results:***

**P.O.#** NA

**Project:** Proj #23-065 Com Sch Dst 301

***Coordinates:***

| | |
|---|---|
| **Latitude:** | 42.008397 42° 0' 30" North |
| **Longitude:** | -88.468669 -88° 28' 7" West |
| **UTM Zone:** | Zone 16 North |
| **UTM X Meters:** | 378382.90 |
| **UTM Y Meters:** | 4651751.81 |
| **Elevation:** | 1001.37' above sea level |

**Maps Provided:**

| | |
|---|---|
| 2021 | 1948 |
| 2018 | 1940 |
| 2015 | 1932 |
| 2012 | 1925 |
| 1992, 1993 | |
| 1980 | |
| 1972 | |
| 1962, 1964 | |

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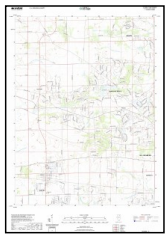
## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2021 Source Sheets



Pingree Grove
2021
7.5-minute, 24000

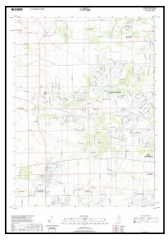


Elburn
2021
7.5-minute, 24000

### 2018 Source Sheets

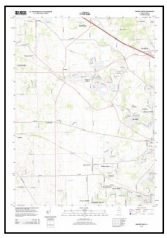


Pingree Grove
2018
7.5-minute, 24000

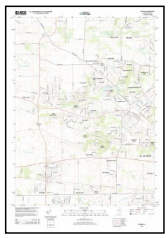


Elburn
2018
7.5-minute, 24000

### 2015 Source Sheets

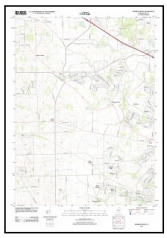


Pingree Grove
2015
7.5-minute, 24000

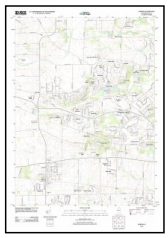


Elburn
2015
7.5-minute, 24000

### 2012 Source Sheets



Pingree Grove
2012
7.5-minute, 24000



Elburn
2012
7.5-minute, 24000

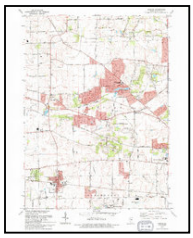
## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1992, 1993 Source Sheets



Pingree Grove
1992
7.5-minute, 24000
Aerial Photo Revised 1988



Elburn
1993
7.5-minute, 24000
Aerial Photo Revised 1988

### 1980 Source Sheets

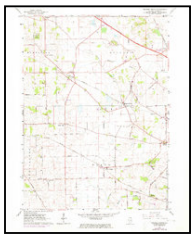


Elburn
1980
7.5-minute, 24000
Aerial Photo Revised 1978

### 1972 Source Sheets

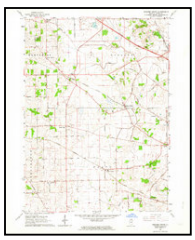


Elburn
1972
7.5-minute, 24000
Aerial Photo Revised 1972

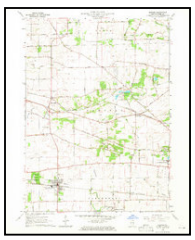


Pingree Grove
1972
7.5-minute, 24000
Aerial Photo Revised 1972

### 1962, 1964 Source Sheets



Pingree Grove
1962
7.5-minute, 24000
Aerial Photo Revised 1958



Elburn
1964
7.5-minute, 24000
Aerial Photo Revised 1963

## *Topo Sheet Key*

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1948 Source Sheets



Geneva
1948
15-minute, 62500

### 1940 Source Sheets



Elgin
1940
15-minute, 62500

### 1932 Source Sheets



Geneva
1932
15-minute, 62500

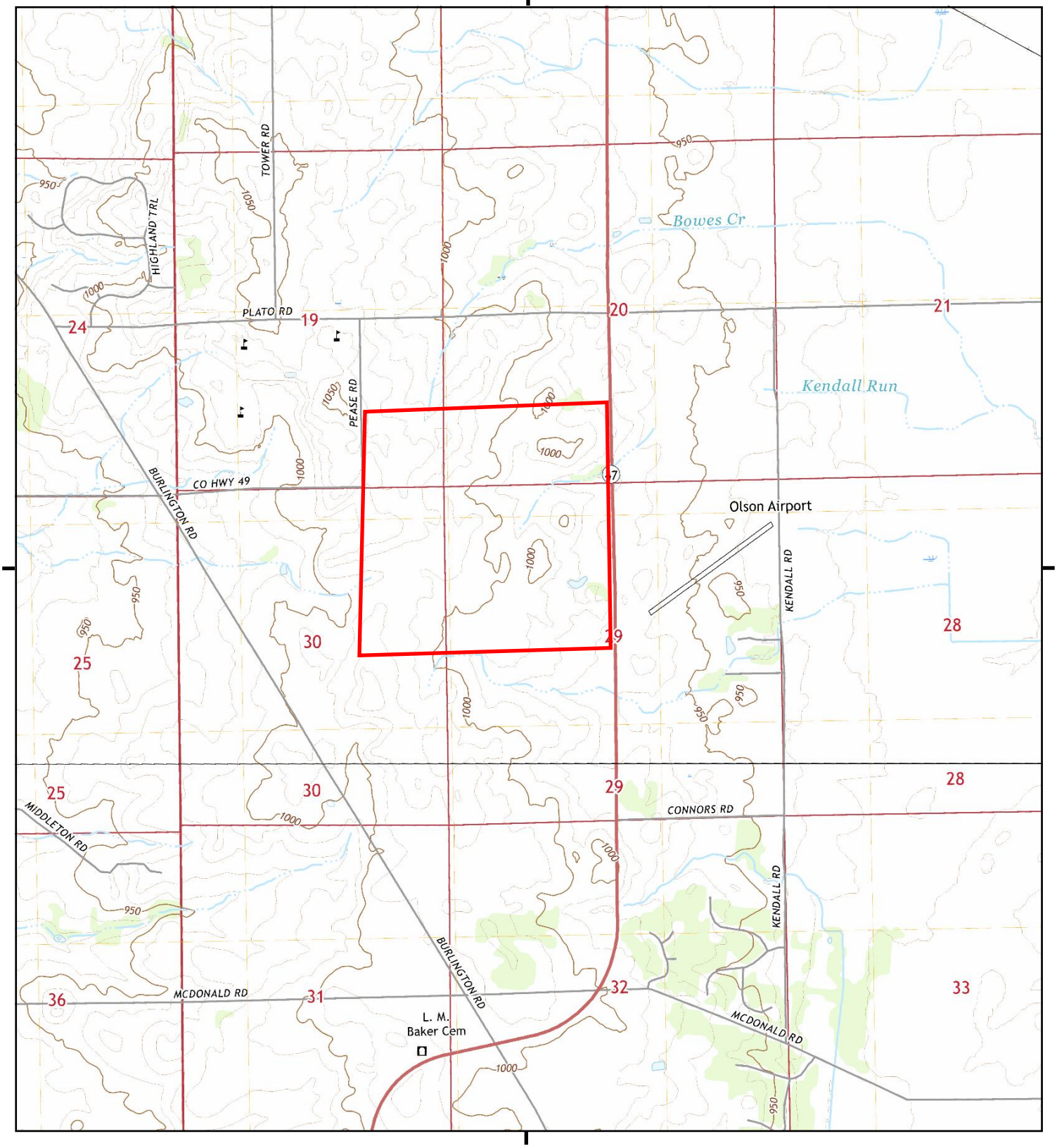
### 1925 Source Sheets



Elgin
1925
15-minute, 62500

# Historical Topo Map

2021




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

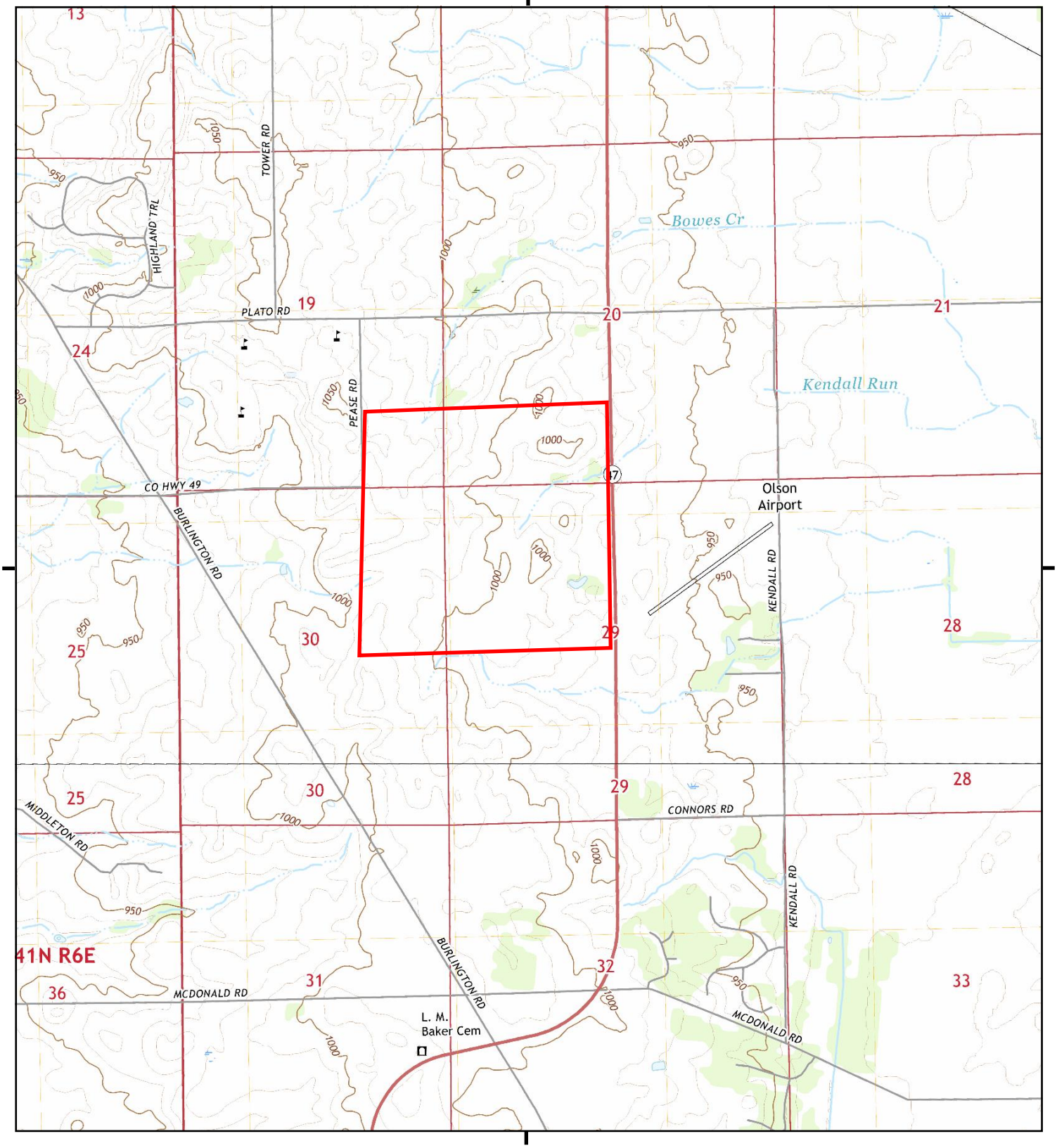
TP, Pingree Grove, 2021, 7.5-minute
S, Elburn, 2021, 7.5-minute

SITE NAME: Proj #23-065 Community School Dist 301
ADDRESS: 9N636 IL-47
Elgin, IL 60124
CLIENT: Deigan and Assoc.

N

# Historical Topo Map

2018




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

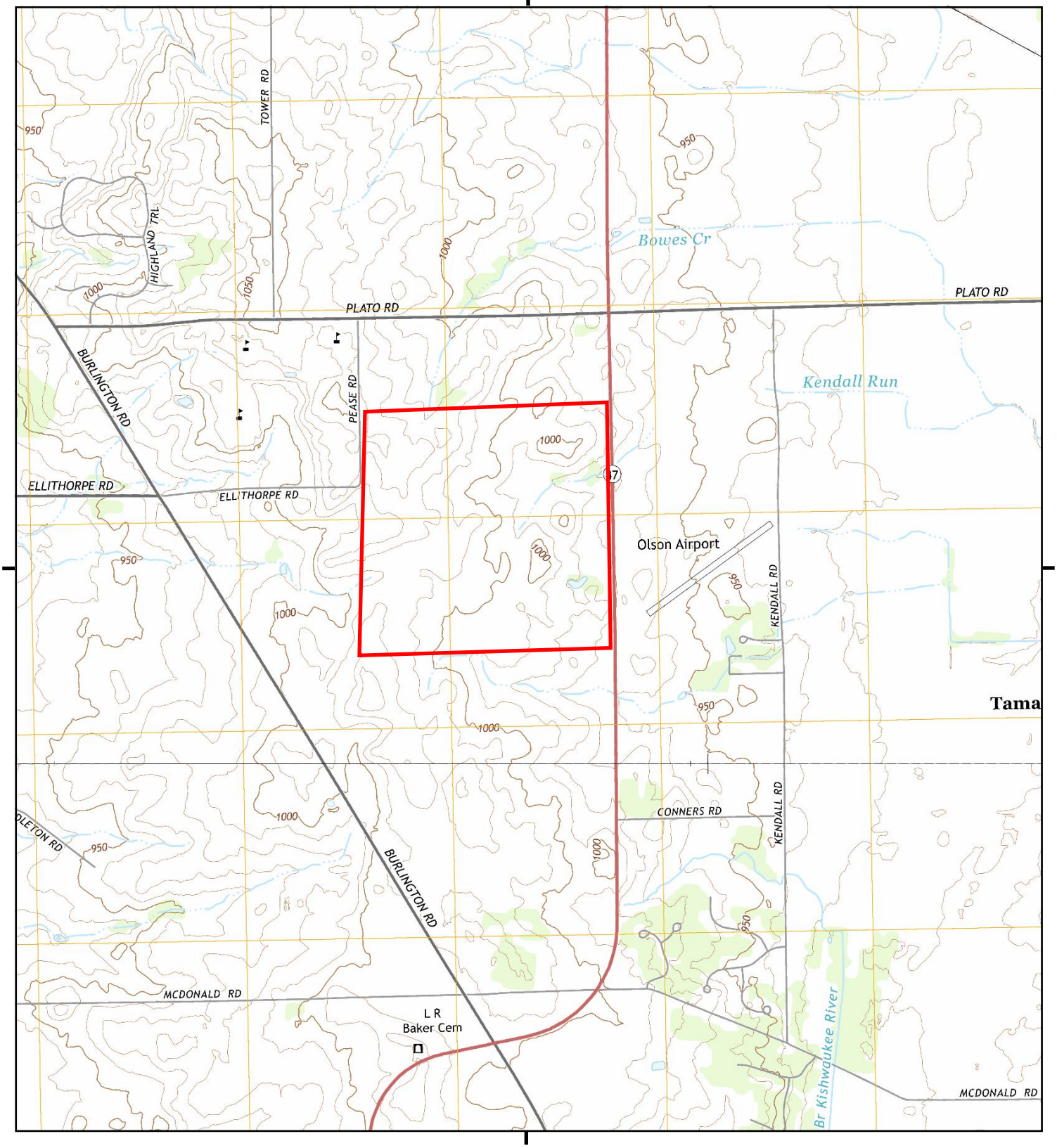
TP, Pingree Grove, 2018, 7.5-minute
S, Elburn, 2018, 7.5-minute

SITE NAME: Proj #23-065 Community School Dist 301
ADDRESS: 9N636 IL-47
Elgin, IL 60124
CLIENT: Deigan and Assoc.

N

# Historical Topo Map

2015




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

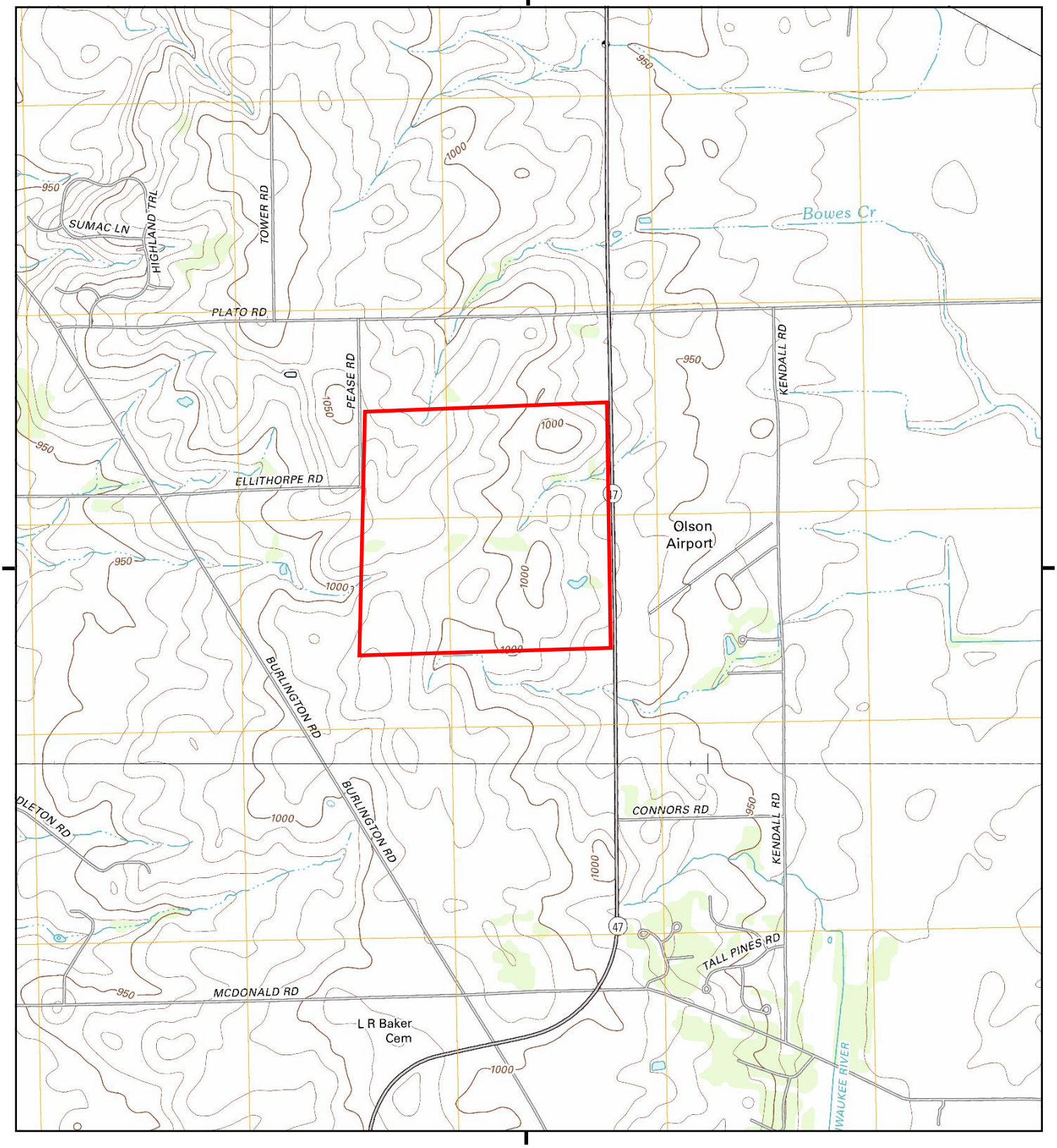
TP, Pingree Grove, 2015, 7.5-minute
S, Elburn, 2015, 7.5-minute

SITE NAME: Proj #23-065 Community School Dist 301
ADDRESS: 9N636 IL-47
Elgin, IL 60124
CLIENT: Deigan and Assoc.

N

# Historical Topo Map

2012




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

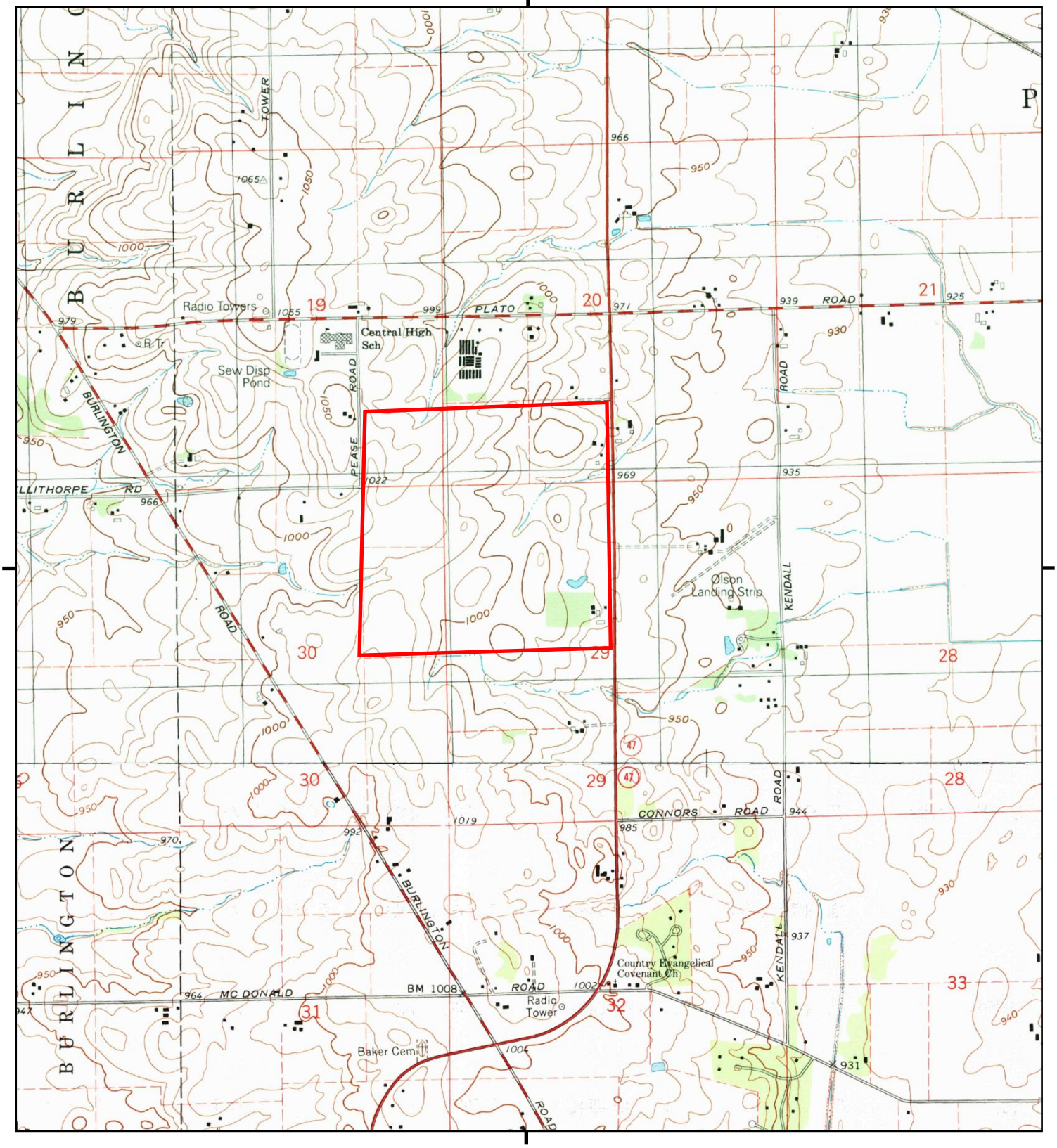
TP, Pingree Grove, 2012, 7.5-minute
S, Elburn, 2012, 7.5-minute

SITE NAME: Proj #23-065 Community School Dist 301
ADDRESS: 9N636 IL-47
Elgin, IL 60124
CLIENT: Deigan and Assoc.

N

# Historical Topo Map

1992, 1993




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

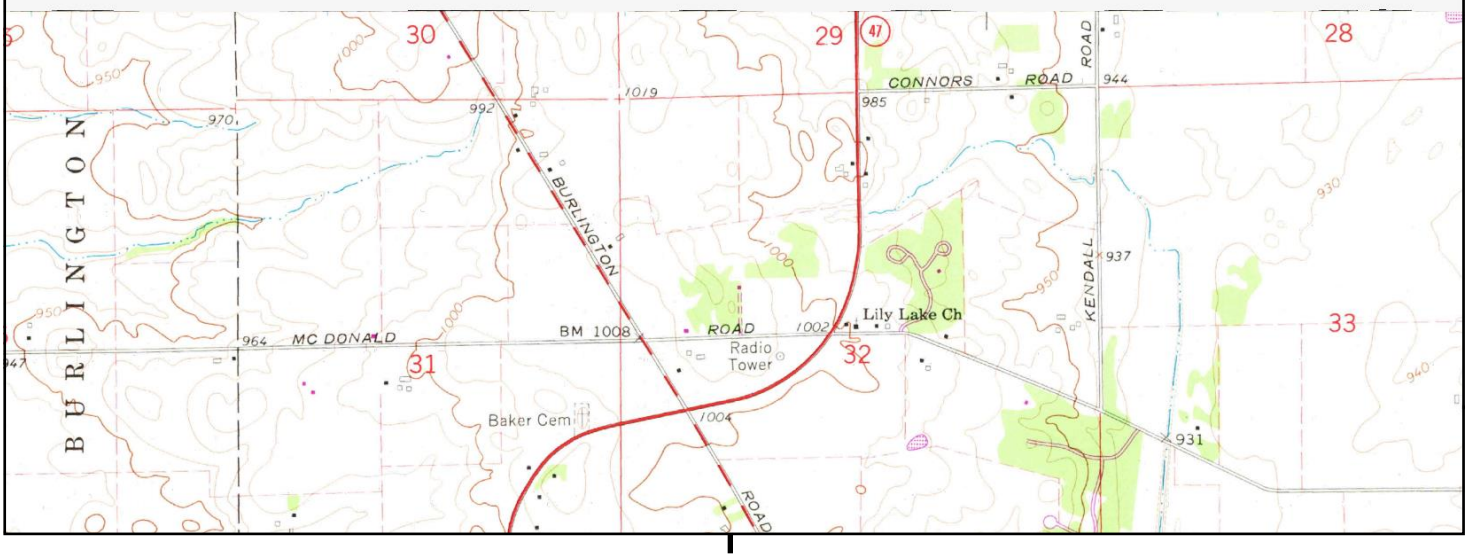
NW N NE
W E
SW S SE

TP, Pingree Grove, 1992, 7.5-minute
S, Elburn, 1993, 7.5-minute

SITE NAME: Proj #23-065 Community School Dist 301
ADDRESS: 9N636 IL-47
Elgin, IL 60124
CLIENT: Deigan and Assoc.

N

UNMAPPED




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

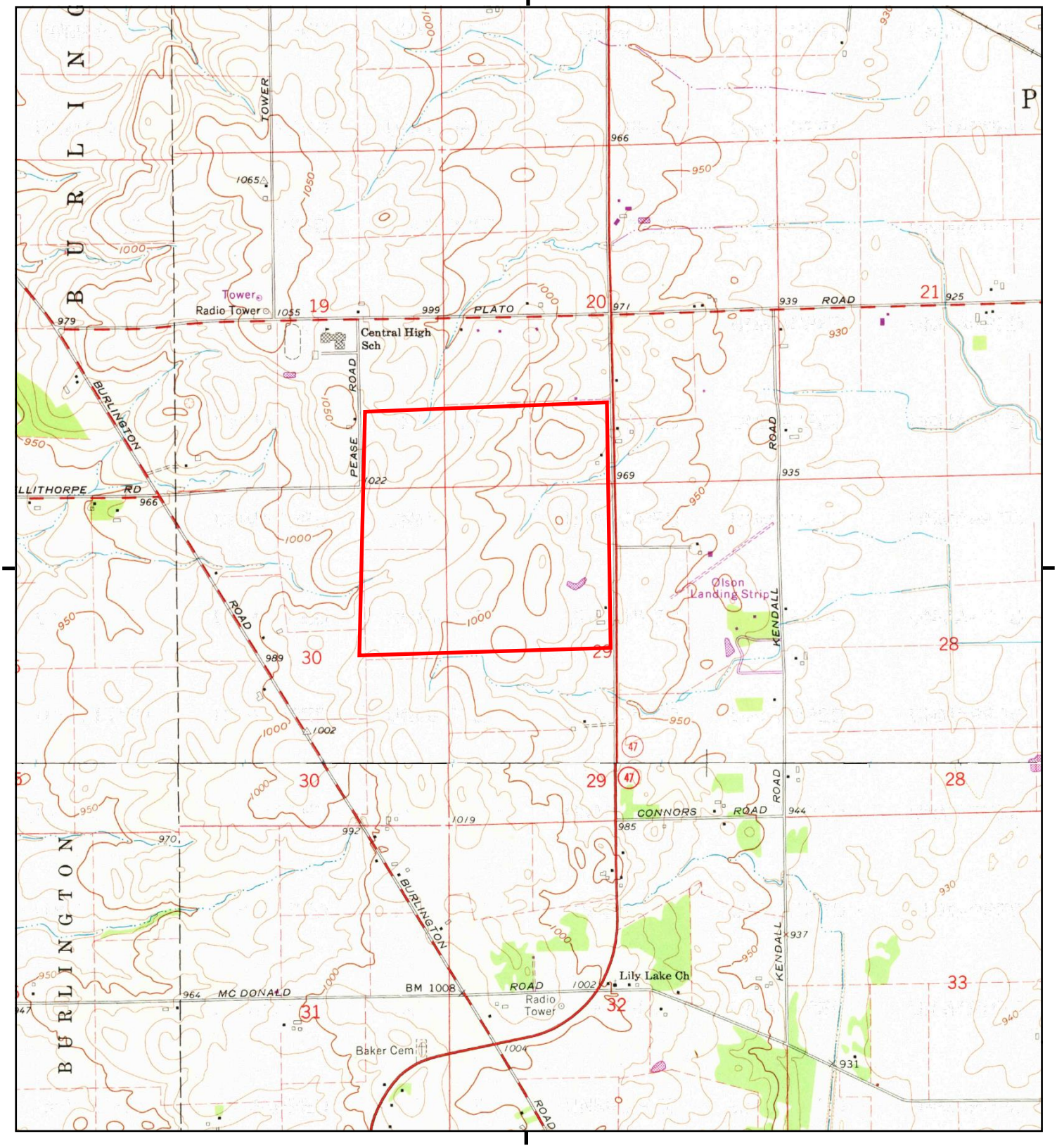
S, Elburn, 1980, 7.5-minute

SITE NAME: Proj #23-065 Community School Dist 301
ADDRESS: 9N636 IL-47
Elgin, IL 60124
CLIENT: Deigan and Assoc.

N

# Historical Topo Map

1972




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

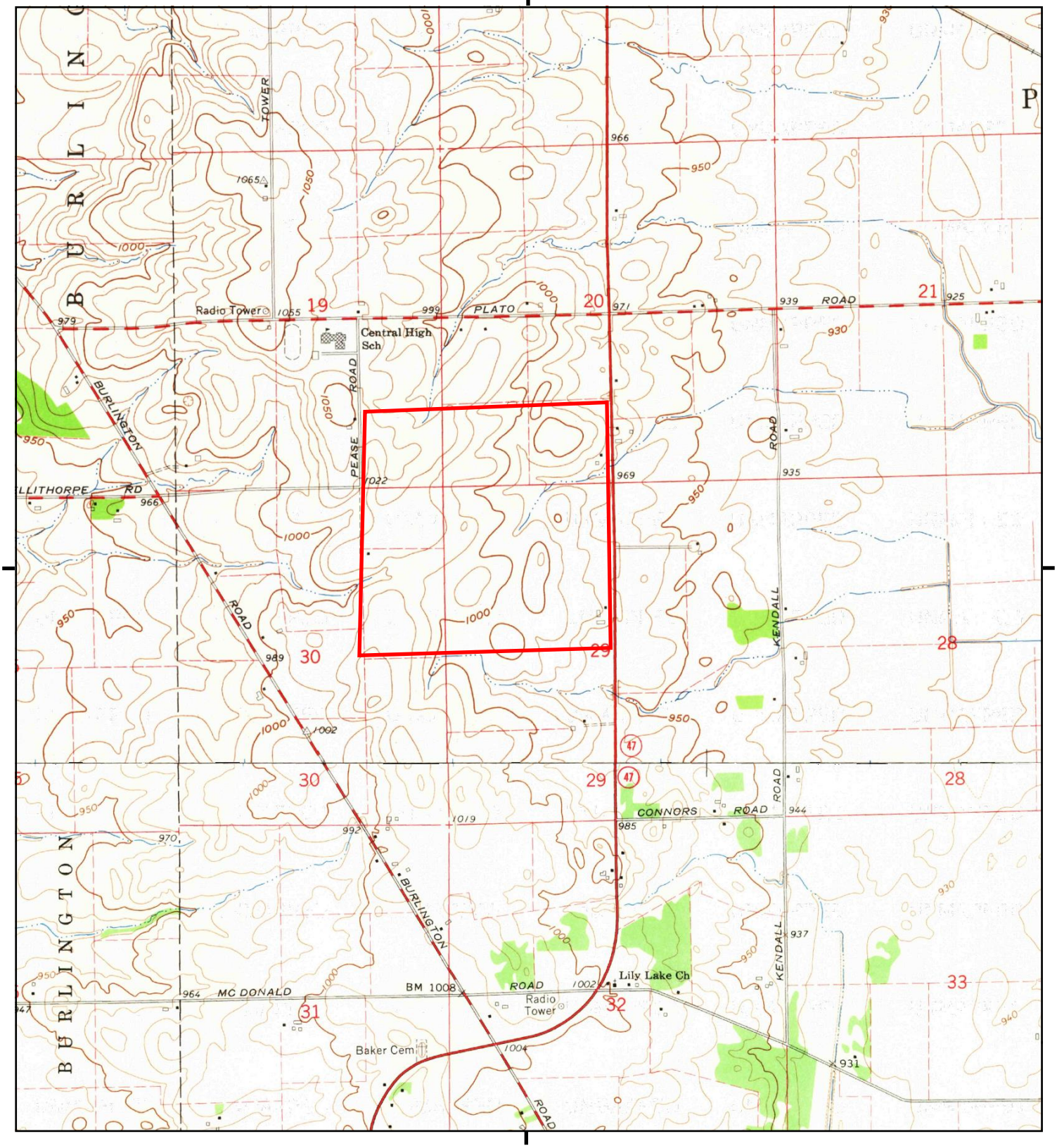
TP, Pingree Grove, 1972, 7.5-minute
S, Elburn, 1972, 7.5-minute

SITE NAME: Proj #23-065 Community School Dist 301
ADDRESS: 9N636 IL-47
Elgin, IL 60124
CLIENT: Deigan and Assoc.

N

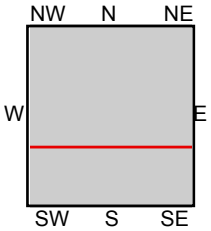
# Historical Topo Map

1962, 1964




This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

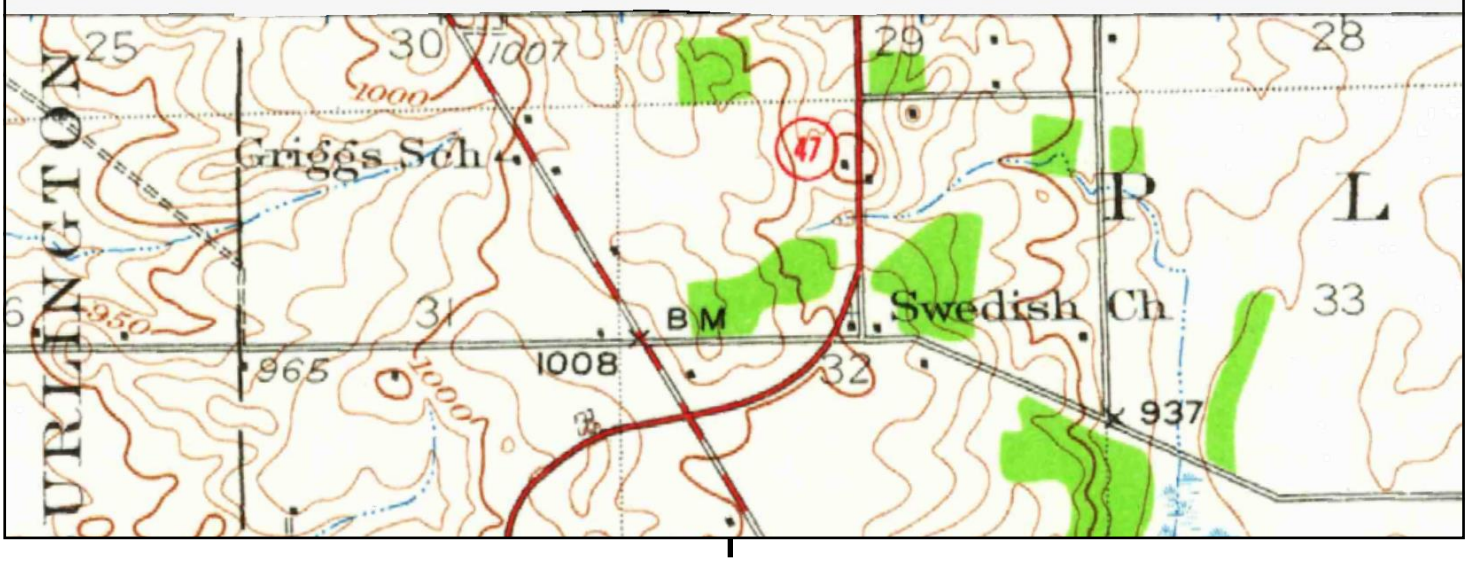



TP, Pingree Grove, 1962, 7.5-minute
S, Elburn, 1964, 7.5-minute

SITE NAME: Proj #23-065 Community School Dist 301
ADDRESS: 9N636 IL-47
Elgin, IL 60124
CLIENT: Deigan and Assoc.

N

UNMAPPED




This report includes information from the following map sheet(s).

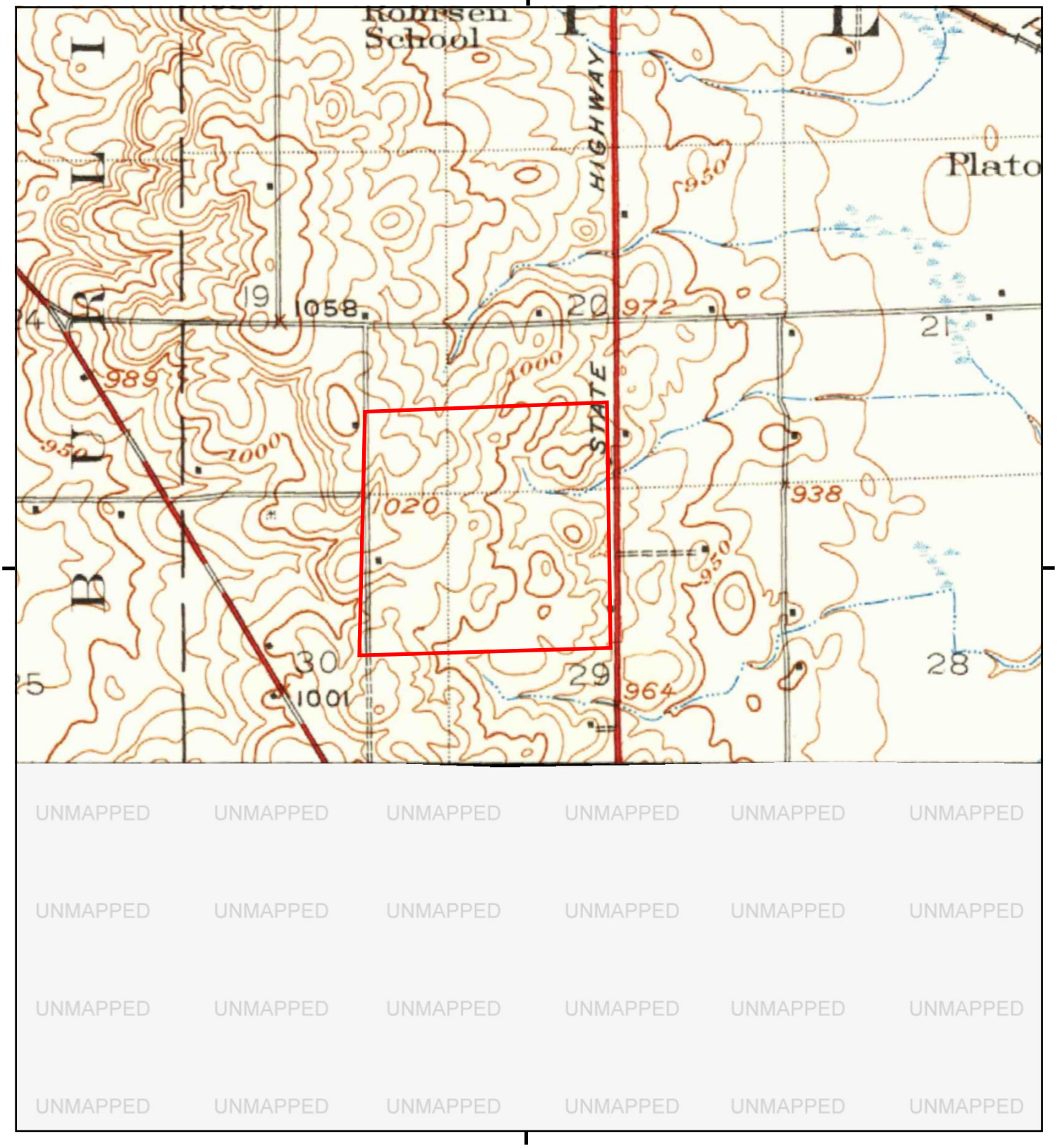
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

SE, Geneva, 1948, 15-minute

SITE NAME: Proj #23-065 Community School Dist 301
ADDRESS: 9N636 IL-47
Elgin, IL 60124
CLIENT: Deigan and Assoc.

N




UNMAPPED

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

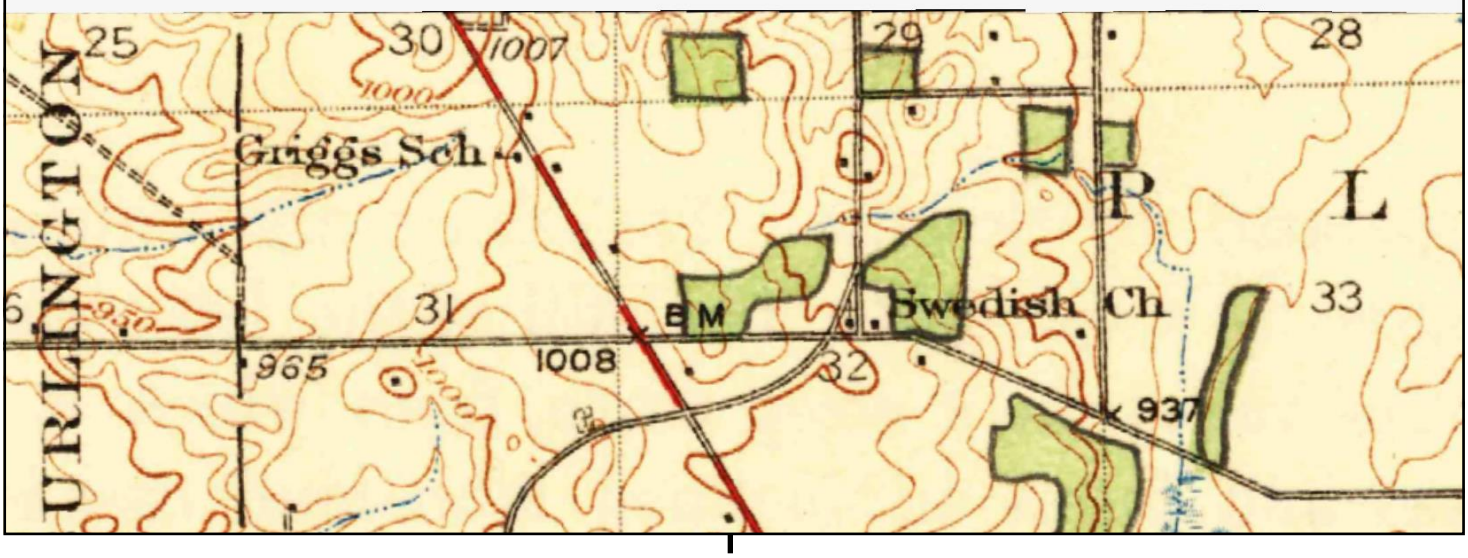
NW N NE
W E
SW S SE

TP, Elgin, 1940, 15-minute

SITE NAME: Proj #23-065 Community School Dist 301
ADDRESS: 9N636 IL-47
Elgin, IL 60124
CLIENT: Deigan and Assoc.

N

UNMAPPED




This report includes information from the following map sheet(s).

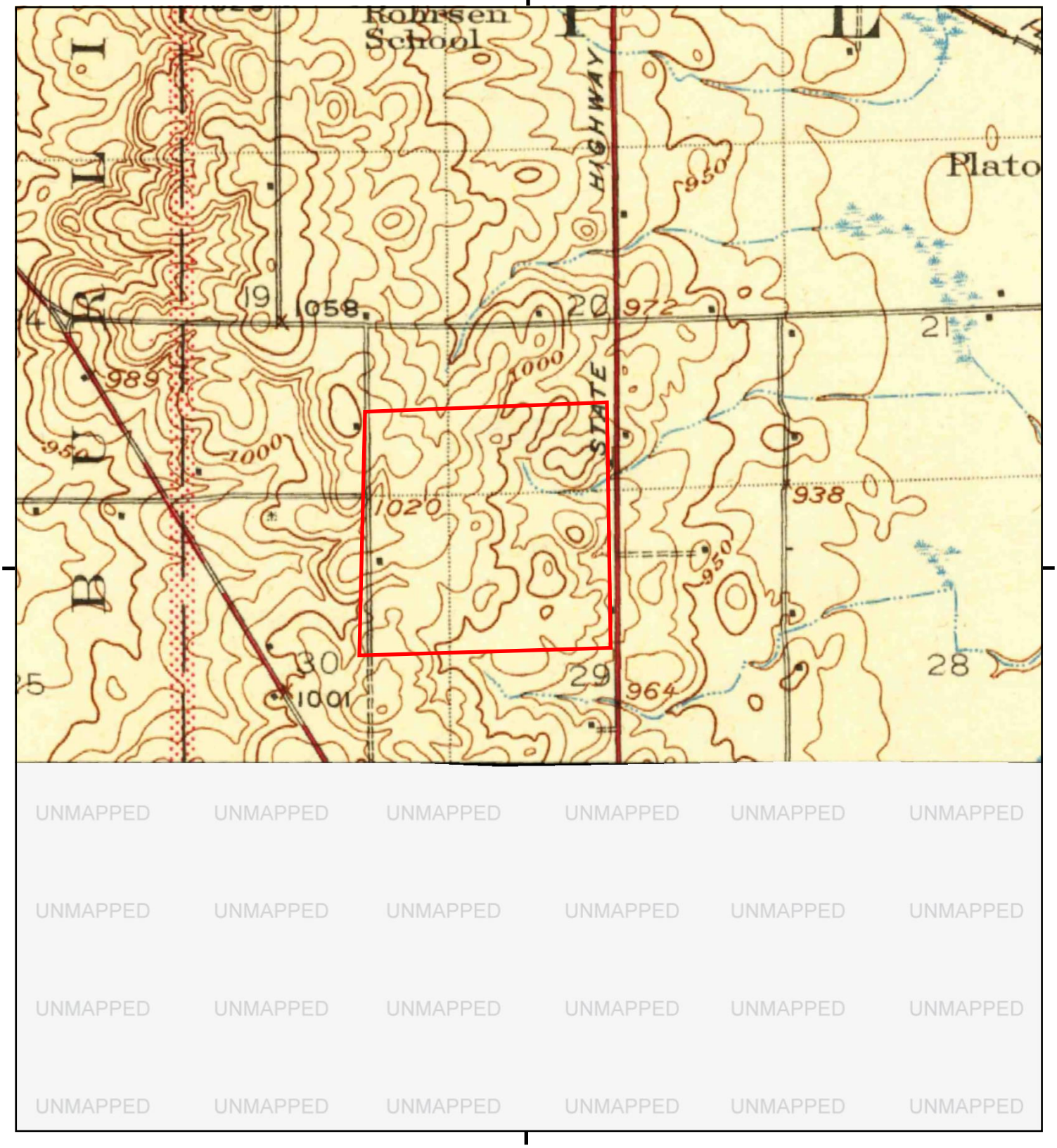
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

SE, Geneva, 1932, 15-minute

SITE NAME: Proj #23-065 Community School Dist 301
ADDRESS: 9N636 IL-47
Elgin, IL 60124
CLIENT: Deigan and Assoc.

N




UNMAPPED

This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Elgin, 1925, 15-minute

SITE NAME: Proj #23-065 Community School Dist 301
ADDRESS: 9N636 IL-47
Elgin, IL 60124
CLIENT: Deigan and Assoc.

N

# Appendix I

## ASTM User and Owner Questionnaires

Description of Site/Address:

09N636 ST RTE 47
ELGIN, IL 60124

NOTE 1—Unk = "unknown" or "no response."

| Question | Owner | | | If yes, provide description |
|---|---|---|---|---|
| 1a. Is the *property* used for an industrial use? | Yes | (No) | Unk | |
| 1b. Is any *adjoining property* used for an industrial use? | Yes | (No) | Unk | |
| 2a. Did you observe evidence or do you have any prior knowledge that the *property* has been used for an industrial use in the past? | Yes | (No) | Unk | |
| 2b. Did you observe evidence or do you have any prior knowledge that any *adjoining property* has been used for an industrial use in the past? | Yes | (No) | Unk | |
| 3a. Is the *property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? | Yes | (No) | Unk | |
| 3b. Is any *adjoining property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? | Yes | (No) | Unk | |
| 4a. Did you observe evidence or do you have any prior knowledge that the *property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? | Yes | (No) | Unk | |
| 4b. Did you observe evidence or do you have any prior knowledge that any *adjoining property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? | Yes | (No) | Unk | |
| 5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the *property* or at the facility? | Yes | (No) | Unk | |

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| | | | |
|---|---|---|---|
| 5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the *property* or at the facility? | Yes | (No) | Unk |
| 6a. Are there currently any industrial *drums* (typically 55 gal (208 L)) or sacks of chemicals located on the *property* or at the facility? | Yes | (No) | Unk |
| 6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial *drums* (typically 55 gal (208 L)) or sacks of chemicals located on the *property* or at the facility? | Yes | (No) | Unk |
| 7a. Did you observe evidence or do you have any prior knowledge that *fill dirt* has been brought onto the *property* that originated from a contaminated site? | Yes | (No) | Unk |
| 7b. Did you observe evidence or do you have any prior knowledge that *fill dirt* has been brought onto the *property* that is of an unknown origin? | Yes | (No) | Unk |
| 8a. Are there currently any *pits, ponds*, or *lagoons* located on the *property* in connection with waste treatment or waste disposal? | Yes | (No) | Unk |
| 8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any *pits, ponds*, or *lagoons* located on the *property* in connection with waste treatment or waste disposal? | Yes | (No) | Unk |
| 9a. Is there currently any stained soil on the *property*? | Yes | (No) | Unk |
| 9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the *property*? | Yes | (No) | Unk |
| 10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the *property*? | Yes | No | (Unk) |
| 10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the *property*? | (Yes) | No | Unk |
| 11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*? | Yes | (No) | Unk |
| 11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*? | Yes | (No) | Unk |

- 250 GALLON ABOVE GROUND OFF-ROAD DIESEL FUEL TANK REMOVED A FEW YEARS AGO.

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| | | | |
|---|---|---|---|
| 12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the *property*? | Yes | No | Unk |
| 12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the *property* ? | Yes | No | Unk |
| 13a. If the *property* is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system? | Yes | No | Unk |
| 13b. If the *property* is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency? | Yes | No | Unk |
| 14. Does the *owner* or *occupant* of the *property* have any knowledge of *environmental liens* or governmental notification relating to past or recurrent violations of environmental laws with respect to the *property* or any facility located on the *property*? | Yes | No | Unk |
| 15a. Has the *owner* or *occupant* of the *property* been informed of the past existence of *hazardous substances* or *petroleum products* with respect to the *property* or any facility located on the *property*? | Yes | No | Unk |
| 15b. Has the *owner* or *occupant* of the *property* been informed of the current existence of *hazardous substances* or *petroleum products* with respect to the *property* or any facility located on the *property*? | Yes | No | Unk |
| 15c. Has the *owner* or *occupant* of the *property* been informed of the past existence of environmental violations with respect to the *property* or any facility located on the *property*? | Yes | No | Unk |
| 15d. Has the *owner* or *occupant* of the *property* been informed of the current existence of environmental violations with respect to the *property* or any facility located on the *property*? | Yes | No | Unk |
| 16. Does the *owner* or *occupant* of the *property* have any knowledge of any *environmental site assessment* of the *property* or facility that indicated the presence of *hazardous substances* or *petroleum products* on, or contamination of, the *property* or recommended further assessment of the *property*? | Yes | No | Unk |

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| | | | |
|---|---|---|---|
| 17. Does the *owner* or *occupant* of the *property* know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any *hazardous substance* or *petroleum products* involving the *property* by any *owner* or *occupant* of the *property*? | Yes | (No) | Unk |
| 18a. Does the *property* discharge *waste-water* (not including sanitary waste or storm water) onto or adjacent to the *property* and/or into a storm water system? | Yes | (No) | Unk |
| 18b. Does the *property* discharge waste water (not including sanitary waste or storm water) onto or adjacent to the *property* and/or into a sanitary sewer system? | Yes | (No) | Unk |
| 19. Did you observe evidence or do you have any prior knowledge that any *hazardous substances* or *petroleum products*, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the *property* ? | Yes | (No) | Unk |
| 20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of *PCBs*? | Yes | No | (Unk) |

The *Owner* questionnaire answers were completed by:

Name - ALAN MAAS
Title - SHAREHOLDER
Firm -
Address - 9N296 IL RT 47
Phone number - 847-464-5800
Date - 12/5/2023
Role(s) at the site -
Number of years at the site -
Relationship to *user* (for example, principal, employee, agent, consultant) -

*Preparer* represents that to the best of the *preparer's* knowledge the above statements and facts are true and correct and to the best of the *preparer's actual knowledge* no material facts have been suppressed or misstated.

Signature Alan H Maas

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Description of Site/Address:

09N636 ST RTE 47
ELGIN, IL 60124

NOTE 1—Unk = "unknown" or "no response."

| Question | Owner | | | If yes, provide description |
|---|---|---|---|---|
| 1a. Is the *property* used for an industrial use? | Yes | No | Unk | |
| 1b. Is any *adjoining property* used for an industrial use? | Yes | No | Unk | |
| 2a. Did you observe evidence or do you have any prior knowledge that the *property* has been used for an industrial use in the past? | Yes | No | Unk | |
| 2b. Did you observe evidence or do you have any prior knowledge that any *adjoining property* has been used for an industrial use in the past? | Yes | No | Unk | |
| 3a. Is the *property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? | Yes | No | Unk | |
| 3b. Is any *adjoining property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? | Yes | No | Unk | |
| 4a. Did you observe evidence or do you have any prior knowledge that the *property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? | Yes | No | Unk | |
| 4b. Did you observe evidence or do you have any prior knowledge that any *adjoining property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? | Yes | No | Unk | |
| 5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the *property* or at the facility? | Yes | No | Unk | |

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| | | | |
|---|---|---|---|
| 5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the *property* or at the facility? | Yes | No | Unk |
| 6a. Are there currently any industrial *drums* (typically 55 gal (208 L)) or sacks of chemicals located on the *property* or at the facility? | Yes | No | Unk |
| 6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial *drums* (typically 55 gal (208 L)) or sacks of chemicals located on the *property* or at the facility? | Yes | No | Unk |
| 7a. Did you observe evidence or do you have any prior knowledge that *fill dirt* has been brought onto the *property* that originated from a contaminated site? | Yes | No | Unk |
| 7b. Did you observe evidence or do you have any prior knowledge that *fill dirt* has been brought onto the *property* that is of an unknown origin? | Yes | No | Unk |
| 8a. Are there currently any *pits, ponds*, or *lagoons* located on the *property* in connection with waste treatment or waste disposal? | Yes | No | Unk |
| 8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any *pits, ponds*, or *lagoons* located on the *property* in connection with waste treatment or waste disposal? | Yes | No | Unk |
| 9a. Is there currently any stained soil on the *property*? | Yes | No | Unk |
| 9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the *property*? | Yes | No | Unk |
| 10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the *property*? | Yes | No | Unk |
| 10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the *property*? | Yes | No | Unk |
| 11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*? | Yes | No | Unk |
| 11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*? | Yes | No | Unk |

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| | | | |
|---|---|---|---|
| 12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the *property*? | Yes | No | Unk |
| 12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the *property* ? | Yes | No | Unk |
| 13a. If the *property* is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system? | Yes | No | Unk |
| 13b. If the *property* is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency? | Yes | No | Unk |
| 14. Does the *owner* or *occupant* of the *property* have any knowledge of *environmental liens* or governmental notification relating to past or recurrent violations of environmental laws with respect to the *property* or any facility located on the *property*? | Yes | No | Unk |
| 15a. Has the *owner* or *occupant* of the *property* been informed of the past existence of *hazardous substances* or *petroleum products* with respect to the *property* or any facility located on the *property*? | Yes | No | Unk |
| 15b. Has the *owner* or *occupant* of the *property* been informed of the current existence of *hazardous substances* or *petroleum products* with respect to the *property* or any facility located on the *property*? | Yes | No | Unk |
| 15c. Has the *owner* or *occupant* of the *property* been informed of the past existence of environmental violations with respect to the *property* or any facility located on the *property*? | Yes | No | Unk |
| 15d. Has the *owner* or *occupant* of the *property* been informed of the current existence of environmental violations with respect to the *property* or any facility located on the *property*? | Yes | No | Unk |
| 16. Does the *owner* or *occupant* of the *property* have any knowledge of any *environmental site assessment* of the *property* or facility that indicated the presence of *hazardous substances* or *petroleum products* on, or contamination of, the *property* or recommended further assessment of the *property*? | Yes | No | Unk |

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| | | | |
|---|---|---|---|
| 17. Does the *owner* or *occupant* of the *property* know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any *hazardous substance* or *petroleum products* involving the *property* by any *owner* or *occupant* of the *property*? | Yes | No | Unk |
| 18a. Does the *property* discharge *waste-water* (not including sanitary waste or storm water) onto or adjacent to the *property* and/or into a storm water system? | Yes | No | Unk |
| 18b. Does the *property* discharge waste water (not including sanitary waste or storm water) onto or adjacent to the *property* and/or into a sanitary sewer system? | Yes | No | Unk |
| 19. Did you observe evidence or do you have any prior knowledge that any *hazardous substances* or *petroleum products*, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the *property* ? | Yes | No | Unk |
| 20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of *PCBs*? | Yes | No | Unk |

The *Owner* questionnaire answers were completed by:

Name -
Title -
Firm -
Address -
Phone number -
Date -
Role(s) at the site -
Number of years at the site -
Relationship to *user* (for example, principal, employee, agent, consultant) -

*Preparer* represents that to the best of the *preparer's* knowledge the above statements and facts are true and correct and to the best of the *preparer's actual knowledge* no material facts have been suppressed or misstated.

Signature_____

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# USER QUESTIONNAIRE

**Property Location:**

09N636 ST RTE 47
ELGIN, IL 60124

## INTRODUCTION

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *user* must conduct the following inquires required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *user* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiries*" is not complete.

**(1.) Environmental liens that are filed or recorded against the *property* (40 CFR 312.25).**
Did a search of *recorded land title records* identify any environmental liens filed or recorded against the *property* under federal, tribal, state or local law?

No.

**(2.) Activity and use limitations that are in place on the *property* or that have been filed or recorded against the *property* (40 CFR 312.26).**
Did a search of *recorded land title records* identify any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the *property* and/or have been filed or recorded against the *property* under federal, tribal, state or local law?

No.

**(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).**
Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No.

**(4.) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).**

Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?

The purchase price being paid for this property reasonably reflects the fair market value of the property.

**(5.) Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).**

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example,

(a.) Do you know the past uses of the *property*?

Farming.

(b.) Do you know of specific chemicals that are present or once were present at the *property*?

We do not know what chemicals are present or were once present on the property.

(c.) Do you know of spills or other chemical releases that have taken place at the *property*?

No.

(d.) Do you know of any environmental cleanups that have taken place at the *property*?

No.

**(6.) The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

Based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

No.

Questionnaire completed by: Esther Morgan

Esther Morgan 12.15.23

Signed Date

# USER QUESTIONNAIRE

**Property Location:**

09N636 ST RTE 47
ELGIN, IL 60124

## INTRODUCTION

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *user* must conduct the following inquires required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *user* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiries*" is not complete.

**(1.) Environmental liens that are filed or recorded against the *property* (40 CFR 312.25).**
Did a search of *recorded land title records* identify any environmental liens filed or recorded against the *property* under federal, tribal, state or local law?

**(2.) Activity and use limitations that are in place on the *property* or that have been filed or recorded against the *property* (40 CFR 312.26).**
Did a search of *recorded land title records* identify any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the *property* and/or have been filed or recorded against the *property* under federal, tribal, state or local law?

**(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).**
Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

**(4.) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).**

Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?

**(5.) Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).**

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example,

(a.) Do you know the past uses of the *property*?

(b.) Do you know of specific chemicals that are present or once were present at the *property*?

(c.) Do you know of spills or other chemical releases that have taken place at the *property*?

(d.) Do you know of any environmental cleanups that have taken place at the *property*?

**(6.) The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

Based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

Questionnaire completed by:_____

_____

Signed Date

# Appendix K

## Resume of Environmental Professional

Deigan & Associates, LLC
Environmental Consultants

# Professional Qualifications

## Gary J. Deigan
### Principal



**Credentials**

**Southern Illinois University,**
**B.S. Civil Engineering Tech., 1983**
Member, Solid Waste Association of North America (SWANA), Air & Waste Management Assn., National Brownfields Assn.
Assoc. Member, Urban Land Institute
Illinois Recycling Assn.
National Demolition Assn.

**Professional History**

**Deigan & Associates, LLC**
1998 to Present
Entrix, Inc., 1998
Roy F. Weston, Inc., 1984-1998

**Qualifications & Experience Overview**

Mr. Deigan has over 32 years of experience in a wide variety of civil/environmental engineering projects from baseline data collection, feasibility studies, and conceptual planning through facility design and remedial/construction management. Primary applications have been in the areas of environmental liability management for former industrial and redeveloped municipal properties. He has significant project experience in solid waste and recycling facility consulting, leading Sustainability Business Practices and Initiatives, RCRA permitting, CERCLA project planning and implementation; environmental due diligence reviews, demolition management, strategic environmental planning, impaired and brownfield property redevelopment, technical project management, and marketing of professional services.

Mr. Deigan has consulted on numerous Siting of Pollution Control facilities throughout Illinois, including landfill and waste transfer station and compost facilities. He has also been called upon extensively by municipalities to review environmental impact of independent power plant development projects. He has focused expertise in investigation, design, and remedial planning and risk-based closure/redevelopment at active and former wood preserving sites, smelting and foundry sites, chlorinated solvent sites, LUST sites, and a variety of multi-contaminant Brownfield sites. His clients include small businesses, property buyers and sellers, municipal and county government, law firms, and Fortune 500 Firms. He has presented technical papers at a variety of seminars and technical conferences. He has served as an expert witness and given testimony on numerous environmental cases and public hearings.

*References are available upon request.*

# Limited Phase II Environmental Site Assessment

9N636 Route 47
Elgin, Kane County, IL 60124

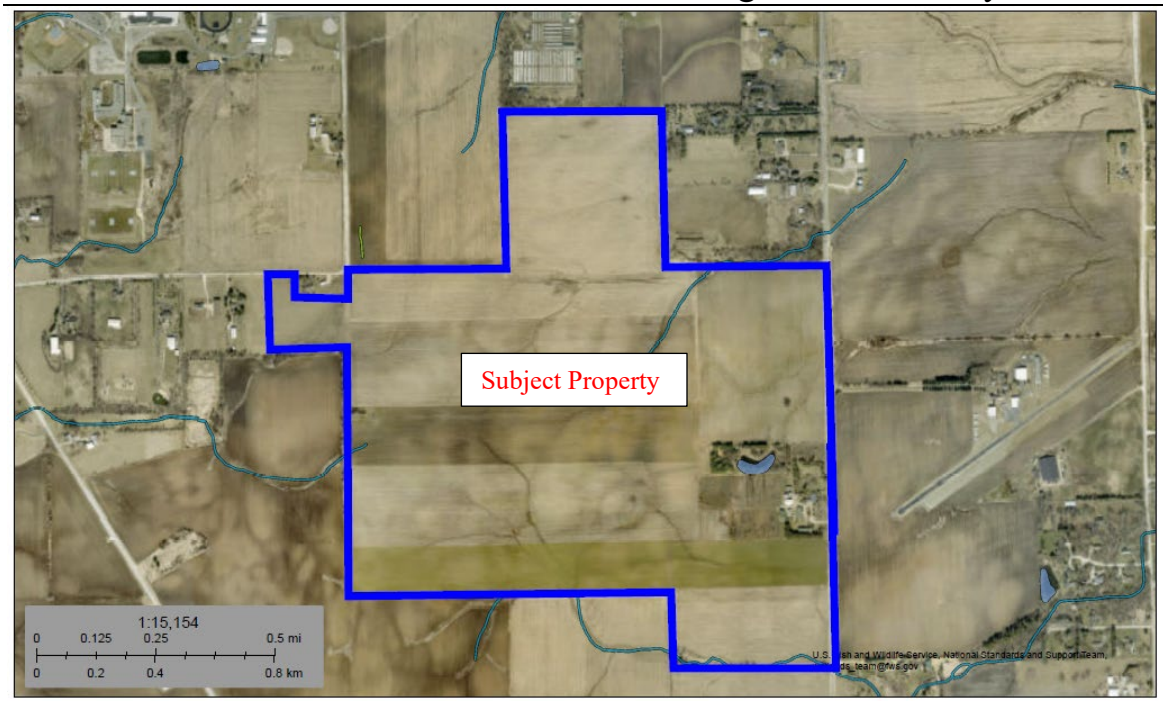



***Figure 1***

**Prepared for:**
**Central Community Unit School District 301**
**275 South Street**
**Burlington, IL 60109**

**January 11, 2024**

***Prepared by:***

**the deigan group**
environmental managers/consultants
28835 North Herky Drive
Lake Bluff, Illinois 60044
847.578.5000
www.deiganassociates.com

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# Acronyms and Abbreviations

| | |
|---|---|
| VOC | Volatile Organic Compounds |
| PAH | Polycyclic Aromatic Hydrocarbons |
| BGS | Below Ground Surface |
| IEPA | Illinois Environmental Protection Agency |
| TACO | Tiered Approach to Corrective Action Objectives |
| TAL | Target Analyte List |

# 1.0 Introduction

This report presents the findings of a Limited Phase II Environmental Site Assessment (ESA) conducted by **the deigan group (deigan)** of Lake Bluff, Illinois, for the property located at 9N636 Route 47, Elgin, Kane County, IL 60124 (the Site). The Site is identified by Property Index Numbers (PIN) 05-29-100-001, 05-29-300-002, 05-20-300-007, 05-30-200-003 and 05-30-200-009. **Figure 1** presents a general location map for the Site. **Deigan** was retained by Central Community Unit School District 301 (the Client) to conduct a Phase I Environmental Site Assessment Report dated December 6, 2023. Although the Phase I ESA did not identify any recognized environmental conditions, a limited Phase II ESA was recommended due to the future potential student receptor uses of the Site.

To address any environmental uncertainty, the School District elected to conduct a Limited Phase II ESA in preparation for potential acquisition and redevelopment of the property.

**Deigan** received permission to access the property on December 21, 2023. **Deigan** completed a total of six (6) soil samples ranging in depth from surface soil to 7 ft. below ground surface (bgs). Two (2) soil samples were collected from each of two borings advanced beneath the concrete floor of the workshop building to assess potential release from floor drain catchments. One sample of pond sediment was collected at the on-site detention pond. All six (6) samples were analyzed for the following parameters.

- IEPA Part 740 App A Target Compound List Soil (TAL Metals, Mercury, Pesticides, PCBs, VOCs, SVOCs, Cyanide, pH, and % Moisture)

One (1) groundwater sample was taken from an existing on-site water supply well.

Results of soil, sediment, and groundwater analysis were compared to the most stringent residential land use cleanup levels in IEPA's 35 IAC Part 742 regulations. These standards were appropriate for the potential subsequent land use as a student educational facility and related land uses.

# 2.0 Limited Phase II Environmental Site Assessment

## 2.1 Scope and Objectives of the Limited Phase II Environmental Investigation

The Limited Phase II field investigation was conducted on December 13, and 21, 2023 to evaluate the potential for the presence or absence of potential petroleum and hazardous substance contamination and the nature and extent of contaminants.

The scope of the Limited Phase II ESA presented in this report includes the following:

- Continuous screening and logging and laboratory analysis of subsurface soil on the property to evaluate if the past uses or adjoining property off-site uses have caused contamination to the soils.

- Evaluation of the levels of chemical constituents measured in soil, sediment, and groundwater analyzed for the following parameters:
    - IEPA Part 740 App A Target Compound List Soil (TAL metals, mercury, pesticides, PCBs, VOCs, SVOCs, cyanide, pH, and % moisture)
- Soil and sediment samples were evaluated by comparing the levels of chemical constituents measured in soil to the IEPA TACO Tier 1 Remediation Objectives for Residential land uses (ROs) (35 IAC Part 742 Appendix B).

- Evaluation of the levels of chemical constituents measured in groundwater analyzed for the following parameters:
    - IEPA Part 740 App A Target Compound List Soil (TAL metals, mercury, pesticides, PCBs, VOCs, SVOCs, cyanide, and pH)
- Groundwater samples were evaluated by comparing the levels of chemical constituents measured in groundwater to IEPA TACO Tier 1 Groundwater Remediation Objectives.

In determining the current environmental conditions of the Site, a total of six (6) soil samples and one groundwater sample were completed at the site, **see Figure 2**. The (6) soil samples were selected to determine the concentration and extent of, potential contaminants reasonably representing the entirety of the site.

## 2.2 Soil and Groundwater Sampling Approach

The drilling activities for the completion of the soil borings beneath the workshop floor were conducted using a direct-push GeoProbe® rig. The soil borings were sampled using five-foot macro-core samplers to collect undisturbed, continuous soil samples. Soil samples were collected during the advancement of each soil boring. The soil samples were collected using a stainless-steel or disposable sampling tool. Surface soil samples and pond sediment were collected with hand tools.

The sampling tools were thoroughly cleansed with a non-phosphate detergent wash and distilled water rinse between each sampling event to prevent possible cross-contamination.

The soil sampling procedures were performed in accordance with Illinois Environmental Protection Agency (IEPA) protocols. Disposable nitrile sampling gloves were worn during sampling to prevent exposure and possible cross-contamination between the samples.

A photoionization detector (PID) was utilized to assess the potential presence of volatile organic compounds (VOCs) in the soil sample cores. Readings were recorded as 0.0 ppm on all soil samples.

One soil sample was collected from each location on Figure 2 for analysis. One groundwater sample was taken from the on-site water well after purging water for approximately ten minutes or 120 gallons. One sediment sample was collected from the onsite pond. Samples were placed into the appropriate laboratory provided jars and bottles in accordance with IEPA protocols. All samples were kept within an ice-cooled chest throughout the chain-of-custody process, from sample collection through same day courier delivery and receipt by Eurofins Labs, Inc., in University Park, IL.

## 2.3 Findings of Limited Phase II Site Investigation

### *Soil*

The results of the soil analysis were compared to the most stringent IEPA 35 IAC 742 TACO Tier 1 Remedial Objectives for Residential, standards. A summary of the concentrations and regulatory comparisons are presented in Tables of this report.

Results of the lab analysis show ***no exceedances*** of IEPA TACO Tier 1 Remedial Objectives for Residential Properties, except for a slight numeric exceedance Benzo(a)pyrene at surface soil sample SS-1**.** Sample SS-1 represents an area where open burning of debris had taken place.

### *Groundwater*

The results of the groundwater analysis were compared to the most stringent IEPA 35 IAC Part 742 TACO Tier 1 Remedial Objectives. Results of the lab analysis show ***no exceedances*** of IEPA TACO Tier 1 Remedial Objectives for Residential Properties.

# 3.0 Conclusion

A Limited Phase II Environmental Site Assessment (ESA) was conducted by **the deigan group** of Lake Bluff, Illinois, for the property located at 9N636 Route 47, Elgin, Kane County, IL 60124 to evaluate the potential for the presence of soil, sediment, and groundwater contaminants.

There were no soil exceedances of IEPA TACO Tier 1 Remedial Objectives for Residential land uses except soil sample SS-1. hese are the applicable standards that apply to the current and future site use as an educational facility for students.

***Recommendations***

We recommend that the SS-1 open burn pit area be cleaned up by the seller by simply removing the residue and affected surface soil beneath the burn area and containerizing this material for off-site licensed landfill disposal.

This report has been prepared solely and exclusively for the use of Central Community Unit School District 301. This report is not for the use or benefit of, nor may it be relied upon by any other person or entity, for any purpose without the advance written consent of **Deigan**. Any reliance by others who are not a party to this agreement shall be at their sole risk and without extending liability to **Deigan**. The contents of this report are intended to be utilized only by Central Community Unit School District 301and a party with a specific Reliance Letter from **the deigan group**. The limit of **Deigan's** liability for this Phase II Environmental Site Assessment Report extend to the Client, for any loss or damages from claims arising out of or in connection with this work from any cause including **Deigan** strict liability, breach of contract or professional negligence, errors, and omissions, and are defined in our General Terms and Conditions.

This conclusion does not imply that the property is free from contamination or conditions which are not recognizable within the scope of this Phase II ESA.

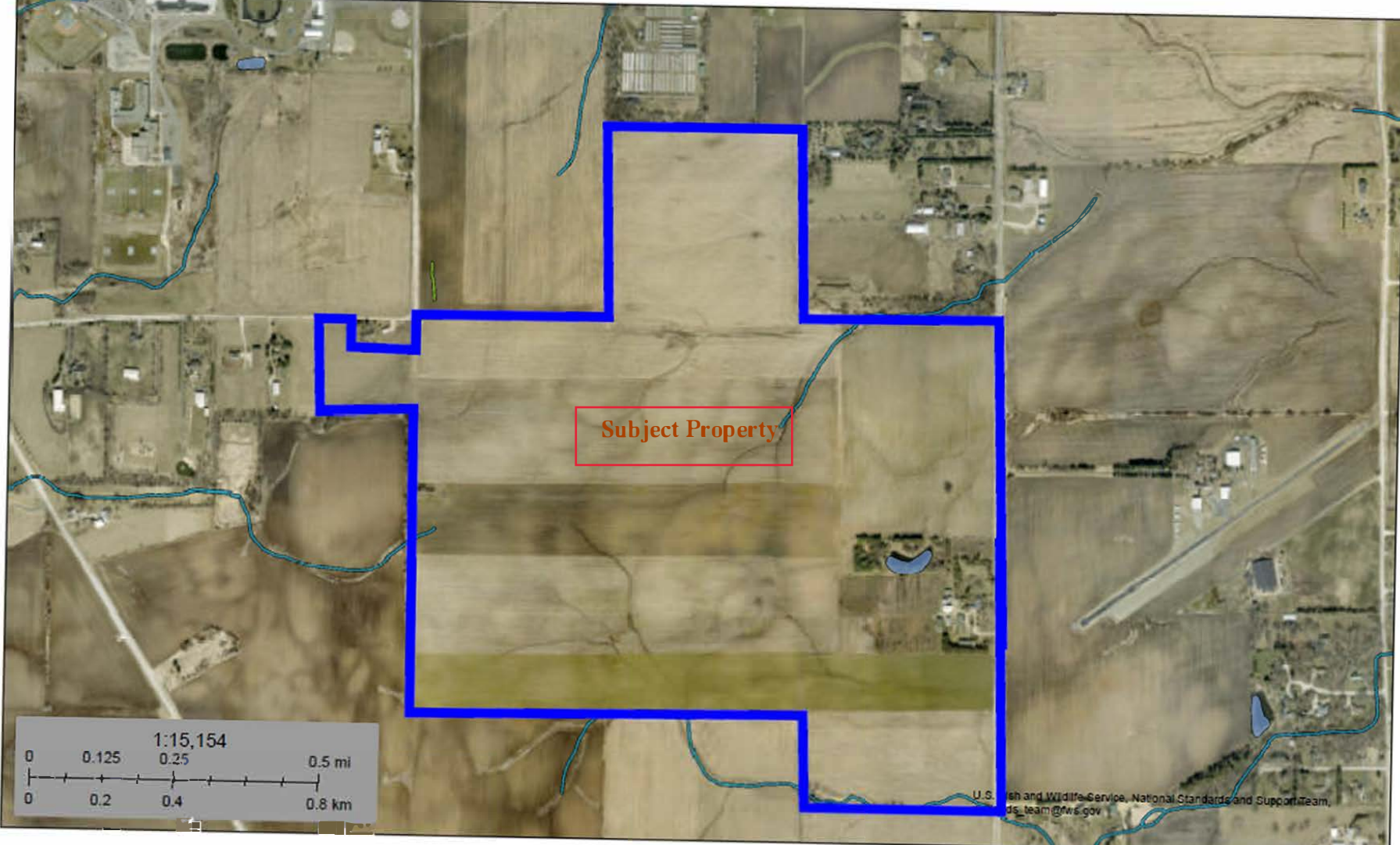
**the deigan group**



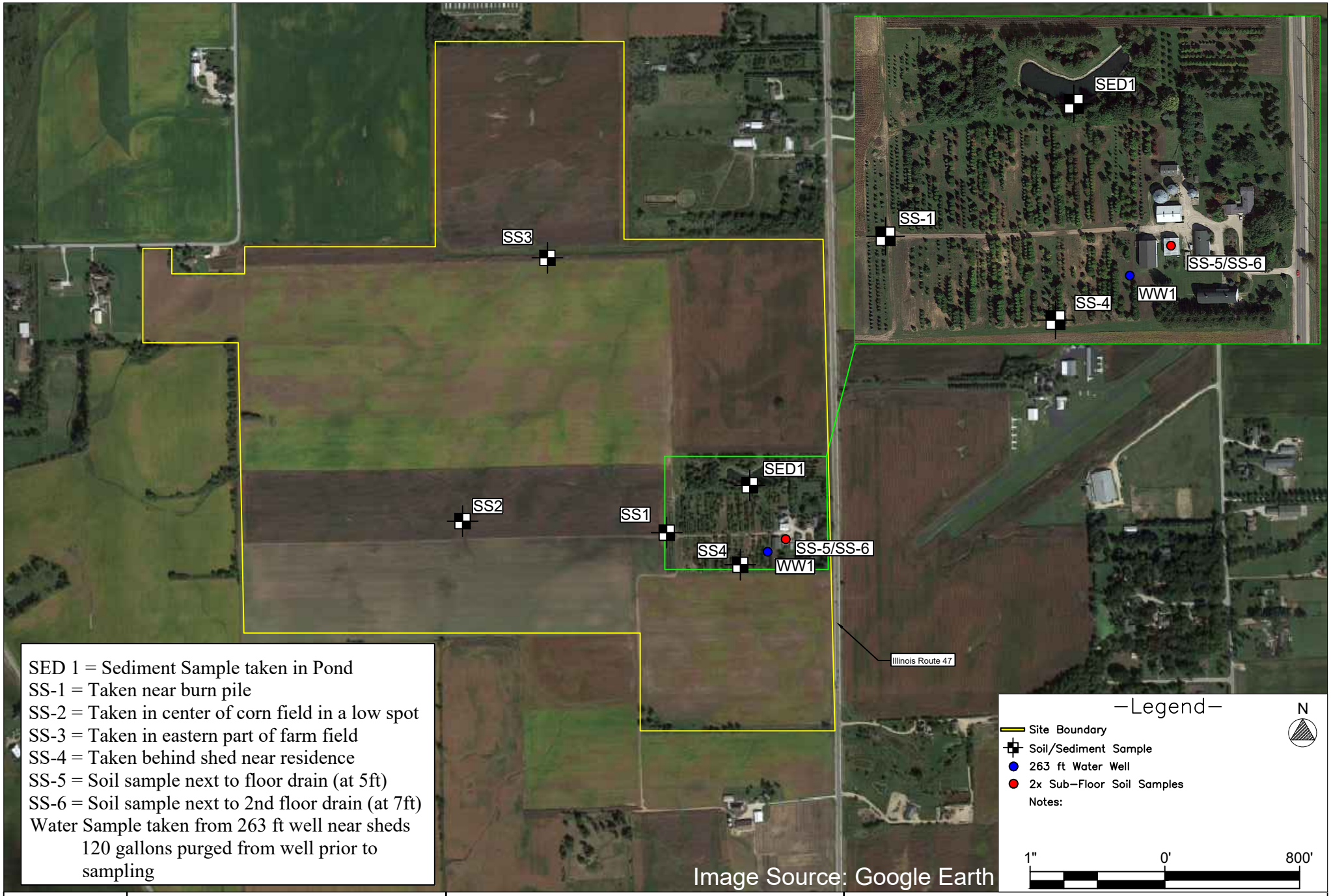
Gary J. Deigan
Principal/Owner

# Figures

Figure 1 Site Location Location Map
Figure 2 Soil, Sediment, and
Groundwater Sample Location Map


Subject Property
1:15,154
0
0.125
0.25
0.5 mi
0
0.2
0.4
0.8 km
U.S. Fish and Wildlife Service, National Standards and Support Team,
ds_team@fws.gov

# List of Tables




SED 1 = Sediment Sample taken in Pond
SS-1 = Taken near burn pile
SS-2 = Taken in center of corn field in a low spot
SS-3 = Taken in eastern part of farm field
SS-4 = Taken behind shed near residence
SS-5 = Soil sample next to floor drain (at 5ft)
SS-6 = Soil sample next to 2nd floor drain (at 7ft)
Water Sample taken from 263 ft well near sheds
120 gallons purged from well prior to sampling

Image Source: Google Earth

| | | |
|---|---|---|
| Date 1/10/2024 | Phase II Scope of Work | the deigan group environmental managers/consultants |
| 23-065 | | 28835 N. Herky Dr. Unit 120 Lake Bluff, IL 60044 |
| 2 | Plans Prepared For Community School District 301 Burlington 9N636 Rt 47 Elgin, IL | Approved By: GD \| Designed By: CB \| Drawn By: CB |

REVISIONS

| Description | By |
|---|---|
| | |
| | |
| | |
| | |
| | |

| | |
|---|---|
| **Customer** | **Deigan & Associates LLC** |
| **Project** | **9N636 RT47 Elgin,IL (23-065)** |
| **Sample Date** | **12/13/2023** |
| **Lab Name** | **Eurofins Chicago** |
| **Job Number** | **500-243876-1** |

| **Analytical Results for Soil Samples** | | *** Exposure Routes for Specific SROs Residential** | | | | Sample ID | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | pH | | | | |
| | | Ingestion | Inhalation | Class I | Class II | PSED 01 | SS-1 | SS-2 | SS-3 | SS-4 |
| **Method** | **Analyte** | mg/Kg | mg/Kg | mg/Kg | mg/Kg | 6.97 | 7.34 | 5.37 | 7.81 | 7.06 |
| 8260D | 1,1,1-Trichloroethane | NRO | 1200 | 2 | 9.6 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | 1,1,2,2-Tetrachloroethane | 3.2 | 0.62 | 0.0035 | 0.0035 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | 1,1,2-Trichloroethane | 310 | 1800 | 0.02 | 0.3 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | 1,1-Dichloroethane | 7800 | 1300 | 23 | 110 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | 1,1-Dichloroethene | 3900 | 290 | 0.06 | 0.3 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | 1,2-Dichloroethane | 7 | 0.4 | 0.02 | 0.1 | <0.021 | <0.0069 | <0.0070 | <0.0078 | <0.011 |
| 8260D | 1,2-Dichloropropane | 9 | 15 | 0.03 | 0.15 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | 1,3-Dichloropropene, Total | 6.4 | 1.1 | 0.004 | 0.02 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | 2-Butanone (MEK) | 47000 | 25000 | 17 | 17 | 0.069 | <0.0069 | <0.0070 | <0.0078 | <0.011 |
| 8260D | 2-Hexanone | NRO | NRO | NRO | NRO | <0.021 | <0.0069 | <0.0070 | <0.0078 | <0.011 |
| 8260D | Acetone | 70000 | 100000 | 25 | 25 | 0.31 | <0.028 | <0.028 | <0.031 | <0.045 |
| 8260D | Benzene | 12 | 0.8 | 0.03 | 0.17 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Bromodichloromethane | 10 | 3000 | 0.6 | 0.6 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Bromoform | 81 | 53 | 0.8 | 0.8 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Bromomethane | 110 | 10 | 0.2 | 1.2 | <0.021 | <0.0069 | <0.0070 | <0.0078 | <0.011 |
| 8260D | Carbon disulfide | 7800 | 720 | 32 | 160 | <0.021 | <0.0069 | <0.0070 | <0.0078 | <0.011 |
| 8260D | Carbon tetrachloride | 5 | 0.3 | 0.07 | 0.33 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Chlorobenzene | 1600 | 130 | 1 | 6.5 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Chloroethane | NRO | 1500 | NRO | NRO | <0.021 | <0.0069 | <0.0070 | <0.0078 | <0.011 |
| 8260D | Chloroform | 100 | 0.3 | 0.6 | 2.9 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Chloromethane | NRO | 110 | NRO | NRO | <0.021 | <0.0069 | <0.0070 | <0.0078 | <0.011 |
| 8260D | cis-1,2-Dichloroethene | 780 | 1200 | 0.4 | 1.1 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | cis-1,3-Dichloropropene | NRO | NRO | NRO | NRO | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Dibromochloromethane | 1600 | 1300 | 0.4 | 0.4 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Ethylbenzene | 7800 | 400 | 13 | 19 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | methyl isobutyl ketone | NRO | 3100 | NRO | NRO | <0.021 | <0.0069 | <0.0070 | <0.0078 | <0.011 |
| 8260D | Methyl tert-butyl ether | 780 | 8800 | 0.32 | 0.32 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Methylene Chloride | 85 | 13 | 0.02 | 0.2 | <0.021 | <0.0069 | <0.0070 | <0.0078 | <0.011 |
| 8260D | Styrene | 16000 | 1500 | 4 | 18 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Tetrachloroethene | 12 | 11 | 0.06 | 0.3 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Toluene | 16000 | 650 | 12 | 29 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | trans-1,2-Dichloroethene | 1600 | 3100 | 0.7 | 3.4 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | trans-1,3-Dichloropropene | NRO | NRO | NRO | NRO | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Trichloroethene | 58 | 5 | 0.06 | 0.3 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Vinyl chloride | 0.46 | 0.28 | 0.01 | 0.07 | <0.0082 | <0.0028 | <0.0028 | <0.0031 | <0.0045 |
| 8260D | Xylenes, Total | 16000 | 320 | 150 | 150 | <0.016 | <0.0056 | <0.0056 | <0.0063 | <0.0090 |

* Exposure Routes for Soil Remediation Objectives (SROs) are based on
Title 35 Part 742 Tier 1 Appendix B Table A, C and D.
All results are mg/Kg and dry weight unless otherwise requested
NRO = (No Remediation Objective) was provided in tables.
Note 1: Results that are Bolded and Shaded indicate that the measured concentration exceeds any one of the SROs.
Note 2: Class I and Class II SROs are based on pH according to Tables C and D for Title 35 indicated analytes.
Additional analytes may have been requested but are not contained in the
TACO Tier 1 tables and are not evaluated.
Estimated results that are between the MDL and RL (J flags) may be reported but are not indicated with a flag.
Please refer to the report.
Results may have been achieved by a dilution and are not indicated with a flag. Please refer to the report.
These footnotes are not an all inclusive list from Section 742 Appendix B Tier 1 Tables A through H.
For a complete detailed list see Section 742 Appendix B Tier 1 Tables A through H.
Xylenes, Total is a calculated result in TALs by adding the m,p-Xylene and o-Xylene results.
***NRO/NRO***** indicates that pH analysis was not requested and the values for Class I and Class II can not be provided.

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| | |
|---|---|
| **Customer** | **Deigan & Associates LLC** |
| **Project** | **9N636 RT47 Elgin,IL (23-065)** |
| **Sample Date** | **12/13/2023** |
| **Lab Name** | **Eurofins Chicago** |
| **Job Number** | **500-243876-1** |

| **Analytical Results for Soil Samples** | | * Exposure Routes for Specific SROs Residential | | | | Sample ID | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | pH | | | | |
| | | Ingestion | Inhalation | Class I | Class II | PSED 01 | SS-1 | SS-2 | SS-3 | SS-4 |
| **Method** | **Analyte** | mg/Kg | mg/Kg | mg/Kg | mg/Kg | 6.97 | 7.34 | 5.37 | 7.81 | 7.06 |
| 8270E | 1,2,4-Trichlorobenzene | 780 | 3200 | 5 | 53 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 1,2-Dichlorobenzene | 7000 | 560 | 17 | 43 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 1,3-Dichlorobenzene | NRO | NRO | NRO | NRO | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 1,4-Dichlorobenzene | NRO | 11000 | 2 | 11 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 2,2'-oxybis[1-chloropropane] | NRO | NRO | NRO | NRO | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 2,4,5-Trichlorophenol | 7800 | NRO | 130 | 640 | --- | <0.41 | --- | --- | --- |
| 8270E | 2,4,5-Trichlorophenol | 7800 | NRO | 230 | 1200 | <2.1 | --- | --- | --- | <0.46 |
| 8270E | 2,4,5-Trichlorophenol | 7800 | NRO | 390 | 1900 | --- | --- | <0.38 | --- | --- |
| 8270E | 2,4,5-Trichlorophenol | 7800 | NRO | 64 | 64 | --- | --- | --- | <0.42 | --- |
| 8270E | 2,4,6-Trichlorophenol | 58 | 200 | 0.07 | 0.07 | --- | --- | --- | <0.42 | --- |
| 8270E | 2,4,6-Trichlorophenol | 58 | 200 | 0.09 | 0.09 | --- | <0.41 | --- | --- | --- |
| 8270E | 2,4,6-Trichlorophenol | 58 | 200 | 0.13 | 0.13 | <2.1 | --- | --- | --- | <0.46 |
| 8270E | 2,4,6-Trichlorophenol | 58 | 200 | 0.34 | 1.7 | --- | --- | <0.38 | --- | --- |
| 8270E | 2,4-Dichlorophenol | 230 | NRO | 0.69 | 0.69 | --- | --- | --- | <0.42 | --- |
| 8270E | 2,4-Dichlorophenol | 230 | NRO | 0.86 | 0.86 | --- | <0.41 | --- | --- | --- |
| 8270E | 2,4-Dichlorophenol | 230 | NRO | 1 | 1 | <2.1 | --- | <0.38 | --- | <0.46 |
| 8270E | 2,4-Dimethylphenol | 1600 | NRO | 9 | 9 | <2.1 | <0.41 | <0.38 | <0.42 | <0.46 |
| 8270E | 2,4-Dinitrophenol | 160 | NRO | 0.2 | 0.2 | <4.4 | <0.83 | <0.77 | <0.85 | <0.93 |
| 8270E | 2,4-Dinitrotoluene | 0.9 | NRO | 0.0008 | 0.0008 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 2,6-Dinitrotoluene | 0.9 | NRO | 0.0007 | 0.0007 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 2-Chloronaphthalene | 6300 | NRO | 49 | 240 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 2-Chlorophenol | 390 | 53000 | 3.1 | 3.1 | --- | --- | --- | <0.21 | --- |
| 8270E | 2-Chlorophenol | 390 | 53000 | 3.6 | 3.6 | --- | <0.21 | --- | --- | --- |
| 8270E | 2-Chlorophenol | 390 | 53000 | 3.9 | 19 | <1.1 | --- | --- | --- | <0.23 |
| 8270E | 2-Chlorophenol | 390 | 53000 | 4 | 20 | --- | --- | <0.19 | --- | --- |
| 8270E | 2-Methylnaphthalene | 310 | NRO | 1.9 | 9.5 | <0.44 | 0.0084 | <0.077 | <0.085 | <0.093 |
| 8270E | 2-Methylphenol | 3900 | NRO | 15 | 15 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 2-Nitroaniline | 230 | 35 | 0.14 | 0.14 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 2-Nitrophenol | NRO | NRO | NRO | NRO | <2.1 | <0.41 | <0.38 | <0.42 | <0.46 |
| 8270E | 3 & 4 Methylphenol | 390 | NRO | 0.2 | 0.2 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 3,3'-Dichlorobenzidine | 1 | NRO | 0.007 | 0.033 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 3-Nitroaniline | 23 | 250 | 0.01 | 0.01 | <2.1 | <0.41 | <0.38 | <0.42 | <0.46 |
| 8270E | 4,6-Dinitro-2-methylphenol | 7.8 | NRO | 0.0031 | 0.0031 | <4.4 | <0.83 | --- | <0.85 | <0.93 |
| 8270E | 4,6-Dinitro-2-methylphenol | 7.8 | NRO | 0.0035 | 0.0035 | --- | --- | <0.77 | --- | --- |
| 8270E | 4-Bromophenyl phenyl ether | NRO | NRO | NRO | NRO | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 4-Chloro-3-methylphenol | NRO | NRO | NRO | NRO | <2.1 | <0.41 | <0.38 | <0.42 | <0.46 |
| 8270E | 4-Chloroaniline | 310 | NRO | 0.7 | 0.7 | <4.4 | <0.83 | <0.77 | <0.85 | <0.93 |
| 8270E | 4-Chlorophenyl phenyl ether | NRO | NRO | NRO | NRO | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | 4-Nitroaniline | 230 | 1000 | 0.1 | 0.1 | <2.1 | <0.41 | <0.38 | <0.42 | <0.46 |
| 8270E | 4-Nitrophenol | NRO | NRO | NRO | NRO | <4.4 | <0.83 | <0.77 | <0.85 | <0.93 |
| 8270E | Acenaphthene | 4700 | NRO | 570 | 2900 | <0.21 | <0.041 | <0.038 | <0.042 | <0.046 |
| 8270E | Acenaphthylene | 2300 | NRO | 85 | 420 | <0.21 | <0.041 | <0.038 | <0.042 | <0.046 |
| 8270E | Anthracene | 23000 | NRO | 12000 | 59000 | <0.21 | 0.013 | <0.038 | <0.042 | <0.046 |
| 8270E | Benzo[a]anthracene | 0.9 | NRO | 2 | 8 | <0.21 | 0.089 | 0.011 | <0.042 | 0.024 |
| 8270E | Benzo[a]pyrene | 0.09 | NRO | 8 | 82 | <0.21 | **0.11** | <0.038 | <0.042 | <0.046 |
| 8270E | Benzo[b]fluoranthene | 0.9 | NRO | 5 | 25 | <0.21 | 0.30 | <0.038 | <0.042 | 0.047 |
| 8270E | Benzo[g,h,i]perylene | 2300 | NRO | 27000 | 130000 | <0.21 | 0.081 | <0.038 | <0.042 | 0.031 |
| 8270E | Benzo[k]fluoranthene | 9 | NRO | 49 | 250 | <0.21 | 0.096 | <0.038 | <0.042 | <0.046 |
| 8270E | Bis(2-chloroethoxy)methane | NRO | NRO | NRO | NRO | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Bis(2-chloroethyl)ether | 0.6 | 0.2 | 0.0004 | 0.0004 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Bis(2-ethylhexyl) phthalate | 46 | 31000 | 3600 | 31000 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Butyl benzyl phthalate | 16000 | 930 | 930 | 930 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Carbazole | 32 | NRO | 0.6 | 2.8 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Chrysene | 88 | NRO | 160 | 800 | <0.21 | 0.23 | <0.038 | <0.042 | 0.030 |
| 8270E | Dibenz(a,h)anthracene | 0.09 | NRO | 2 | 7.6 | <0.21 | 0.041 | <0.038 | <0.042 | <0.046 |
| 8270E | Dibenzofuran | NRO | NRO | NRO | NRO | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Diethyl phthalate | 63000 | 2000 | 470 | 470 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Dimethyl phthalate | NRO | NRO | NRO | NRO | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Di-n-butyl phthalate | 7800 | 2300 | 2300 | 2300 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Di-n-octyl phthalate | 1600 | 10000 | 10000 | 10000 | <2.1 | <0.41 | <0.38 | <0.42 | <0.46 |
| 8270E | Fluoranthene | 3100 | NRO | 4300 | 21000 | <0.21 | 0.25 | <0.038 | <0.042 | 0.041 |
| 8270E | Fluorene | 3100 | NRO | 560 | 2800 | <0.21 | <0.041 | <0.038 | <0.042 | <0.046 |
| 8270E | Hexachlorobenzene | 0.4 | 1 | 2 | 11 | <0.44 | <0.083 | <0.077 | <0.085 | <0.093 |
| 8270E | Hexachlorobutadiene | 78 | NRO | 2.2 | 11 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Hexachlorocyclopentadiene | 550 | 10 | 400 | 2200 | <4.4 | <0.83 | <0.77 | <0.85 | <0.93 |
| 8270E | Hexachloroethane | 78 | NRO | 0.5 | 2.6 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Indeno[1,2,3-cd]pyrene | 0.9 | NRO | 14 | 69 | <0.21 | 0.11 | <0.038 | <0.042 | 0.045 |
| 8270E | Isophorone | 15600 | 4600 | 8 | 8 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Naphthalene | 1600 | 170 | 12 | 18 | <0.21 | 0.027 | <0.038 | <0.042 | <0.046 |
| 8270E | Nitrobenzene | 39 | 92 | 0.1 | 0.1 | <0.21 | <0.041 | <0.038 | <0.042 | <0.046 |
| 8270E | N-Nitrosodi-n-propylamine | 0.09 | NRO | 0.00005 | 0.00005 | <0.44 | <0.083 | <0.077 | <0.085 | <0.093 |
| 8270E | N-Nitrosodiphenylamine | 130 | NRO | 1 | 5.6 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Pentachlorophenol | 3 | NRO | 0.02 | 0.1 | --- | --- | --- | <0.85 | --- |
| 8270E | Pentachlorophenol | 3 | NRO | 0.02 | 0.11 | --- | <0.83 | --- | --- | --- |
| 8270E | Pentachlorophenol | 3 | NRO | 0.02 | 0.12 | <4.4 | --- | --- | --- | <0.93 |
| 8270E | Pentachlorophenol | 3 | NRO | 0.15 | 0.75 | --- | --- | <0.77 | --- | --- |
| 8270E | Phenanthrene | 2300 | NRO | 210 | 1100 | <0.21 | 0.059 | <0.038 | <0.042 | 0.014 |
| 8270E | Phenol | 23000 | NRO | 100 | 100 | <1.1 | <0.21 | <0.19 | <0.21 | <0.23 |
| 8270E | Pyrene | 2300 | NRO | 4200 | 21000 | <0.21 | 0.21 | <0.038 | <0.042 | 0.038 |

* Exposure Routes for Soil Remediation Objectives (SROs) are based on Title 35 Part 742 Tier 1 Appendix B Table A, C and D.
All results are mg/Kg and dry weight unless otherwise requested.
Note 1: Results that are Bolded and Shaded indicate that the measured concentration exceeds any one of the SROs.
Note 2: Class I and Class II SROs are based on pH according to Tables C and D for Title 35 indicated analytes.
NRO = (No Remediation Objective) was provided in tables.
***NRO/NRO**** indicates that pH analysis was not requested and the values for Class I and Class II can not be provided.
Additional analytes may have been requested but are not contained in the TACO Tier 1 tables and are not evaluated.
Estimated results that are between the MDL and RL (J flags) may be reported but are not indicated with a flag. Please refer to the report.
Results may have been achieved by a dilution and are not indicated with a flag. Please refer to the report.
3&4-Methylphenol does not separate analytically on the columns and are reported as combined analytes.
These footnotes are not an all inclusive list from Section 742 Appendix B Tier 1 Tables A through H. For a complete detailed list see Section 742 Appendix B Tier 1 Tables A through H.

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|---|---|
| **Customer** | **Deigan & Associates LLC** |
| **Project** | **9N636 RT47 Elgin,IL (23-065)** |
| **Sample Date** | **12/13/2023** |
| **Lab Name** | **Eurofins Chicago** |
| **Job Number** | **500-243876-1** |

| **Analytical Results for Soil Samples** | | *** Exposure Routes for Specific SROs Residential** | | | | Sample ID | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | pH | | | | |
| | | Ingestion | Inhalation | Class I | Class II | PSED 01 | SS-1 | SS-2 | SS-3 | SS-4 |
| **Method** | **Analyte** | mg/Kg | mg/Kg | mg/Kg | mg/Kg | 6.97 | 7.34 | 5.37 | 7.81 | 7.06 |
| 8081B | 4,4'-DDD | 3 | NRO | 16 | 80 | <0.016 | <0.0021 | <0.0020 | <0.0022 | 0.0033 |
| 8081B | 4,4'-DDE | 2 | NRO | 54 | 270 | <0.016 | 0.0021 | <0.0020 | <0.0022 | 0.027 |
| 8081B | 4,4'-DDT | 2 | NRO | 32 | 160 | <0.016 | 0.0038 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | Aldrin | 0.04 | 3 | 0.5 | 2.5 | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | alpha-BHC | 0.1 | 0.8 | 0.0005 | 0.003 | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | beta-BHC | NRO | NRO | NRO | NRO | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | cis-Chlordane | NRO | NRO | NRO | NRO | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | delta-BHC | NRO | NRO | NRO | NRO | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | Dieldrin | 0.04 | 1 | 0.004 | 0.02 | <0.016 | <0.0021 | <0.0020 | <0.0022 | 0.0025 |
| 8081B | Endosulfan I | NRO | NRO | NRO | NRO | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | Endosulfan II | NRO | NRO | NRO | NRO | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | Endosulfan sulfate | NRO | NRO | NRO | NRO | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | Endrin | 23 | NRO | 1 | 5 | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | Endrin aldehyde | NRO | NRO | NRO | NRO | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | Endrin ketone | NRO | NRO | NRO | NRO | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | gamma-BHC (Lindane) | 0.5 | NRO | 0.009 | 0.047 | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | Heptachlor | 0.1 | 0.1 | 23 | 110 | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | Heptachlor epoxide | 0.07 | 5 | 0.7 | 3.3 | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |
| 8081B | Methoxychlor | 390 | NRO | 160 | 780 | <0.079 | <0.010 | <0.0097 | <0.011 | <0.011 |
| 8081B | Toxaphene | 0.6 | 89 | 31 | 150 | <0.16 | <0.021 | <0.020 | <0.021 | <0.023 |
| 8081B | trans-Chlordane | NRO | NRO | NRO | NRO | <0.016 | <0.0021 | <0.0020 | <0.0022 | <0.0023 |

* Exposure Routes for Soil Remediation Objectives (SROs) are based on
Title 35 Part 742 Tier 1 Appendix B Table A, C and D.
All results are mg/Kg and dry weight unless otherwise requested
Note 1: Results that are Bolded and Shaded indicate that the measured concentration exceeds any one of the SROs.
Note 2: Class I and Class II SROs are based on pH according to Tables C and D for Title 35 indicated analytes.
NRO = (No Remediation Objective) was provided in tables.
***NRO/NRO***** indicates that pH analysis was not requested and the values for Class I and Class II can not be provided.
Additional analytes may have been requested but are not contained in the
TACO Tier 1 tables and are not evaluated.
Estimated results that are between the MDL and RL (J flags) may be reported but are not indicated with a flag.
Please refer to the report.
Results may have been achieved by a dilution and are not indicated with a flag. Please refer to the report.
These footnotes are not an all inclusive list from Section 742 Appendix B Tier 1 Tables A through H.
For a complete detailed list see Section 742 Appendix B Tier 1 Tables A through H.

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|---|---|
| **Customer** | **Deigan & Associates LLC** |
| **Project** | **9N636 RT47 Elgin,IL (23-065)** |
| **Sample Date** | **12/13/2023** |
| **Lab Name** | **Eurofins Chicago** |
| **Job Number** | **500-243876-1** |

| **Analytical Results for Soil Samples** | | *** Exposure Routes for Specific SROs Residential** | | | | Samle ID | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | pH | | | | |
| | | Ingestion | Inhalation | Class I | Class II | PSED 01 | SS-1 | SS-2 | SS-3 | SS-4 |
| **Method** | **Analyte** | mg/Kg | mg/Kg | mg/Kg | mg/Kg | 6.97 | 7.34 | 5.37 | 7.81 | 7.06 |
| 8082A | PCB-1016 | NRO | NRO | NRO | NRO | <0.16 | <0.021 | <0.020 | <0.021 | <0.023 |
| 8082A | PCB-1221 | NRO | NRO | NRO | NRO | <0.16 | <0.021 | <0.020 | <0.021 | <0.023 |
| 8082A | PCB-1232 | NRO | NRO | NRO | NRO | <0.16 | <0.021 | <0.020 | <0.021 | <0.023 |
| 8082A | PCB-1242 | NRO | NRO | NRO | NRO | <0.16 | <0.021 | <0.020 | <0.021 | <0.023 |
| 8082A | PCB-1248 | NRO | NRO | NRO | NRO | <0.16 | <0.021 | <0.020 | <0.021 | <0.023 |
| 8082A | PCB-1254 | NRO | NRO | NRO | NRO | <0.16 | <0.021 | <0.020 | <0.021 | <0.023 |
| 8082A | PCB-1260 | NRO | NRO | NRO | NRO | <0.16 | <0.021 | <0.020 | <0.021 | <0.023 |
| 8082A | Polychlorinated biphenyls, Total | 1 | NRO | NRO | NRO | <0.16 | <0.021 | <0.020 | <0.021 | <0.023 |

* Exposure Routes for Soil Remediation Objectives (SROs) are based on
Title 35 Part 742 Tier 1 Appendix B Table A, C and D.
All results are mg/Kg and dry weight unless otherwise requested.
Note 1: Results that are Bolded and Shaded indicate that the measured concentration exceeds any one of the SROs.
Note 2: Class I and Class II SROs are based on pH according to Tables C and D for Title 35 indicated analytes.
NRO = (No Remediation Objective) was provided in tables.
***NRO/NRO***** indicates that pH analysis was not requested and the values for Class I and Class II can not be provided.
Additional analytes may have been requested but are not contained in the
TACO Tier 1 tables and are not evaluated.
Estimated results that are between the MDL and RL (J flags) may be reported but are not indicated with a flag.
Please refer to the report.
Results may have been achieved by a dilution and are not indicated with a flag. Please refer to the report.
Total PCB is a calculated result in TALs by adding the individual PCB aroclors.
These footnotes are not an all inclusive list from Section 742 Appendix B Tier 1 Tables A through H.
For a complete detailed list see Section 742 Appendix B Tier 1 Tables A through H.

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|---|---|
| **Customer** | **Deigan & Associates LLC** |
| **Project** | **9N636 RT47 Elgin,IL (23-065)** |
| **Sample Date** | **12/13/2023** |
| **Lab Name** | **Eurofins Chicago** |
| **Job Number** | **500-243876-1** |

| **Analytical Results for Soil Samples** | | *** Exposure Routes for Specific SROs Residential** | | | | Sample ID | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | pH | | | | |
| | | Ingestion | Inhalation | Class I | Class II | PSED 01 | SS-1 | SS-2 | SS-3 | SS-4 |
| **Method** | **Analyte** | mg/Kg | mg/Kg | mg/Kg | mg/Kg | 6.97 | 7.34 | 5.37 | 7.81 | 7.06 |
| 6010D | Aluminum | 78000 | 1000000 | NRO | NRO | 15000 | 12000 | 14000 | 12000 | 12000 |
| 6010D | Antimony | 31 | NRO | 5 | 20 | <6.5 | <2.3 | <2.2 | <2.4 | <2.7 |
| 6010D | Arsenic | NRO | 750 | 27 | 100 | --- | --- | 4.7 | --- | --- |
| 6010D | Arsenic | NRO | 750 | 29 | 120 | 2.4 | --- | --- | --- | 5.0 |
| 6010D | Arsenic | NRO | 750 | 30 | 120 | --- | 6.5 | --- | --- | --- |
| 6010D | Arsenic | NRO | 750 | 31 | 120 | --- | --- | --- | 4.6 | --- |
| 6010D | Barium | 5500 | 690000 | 1700 | 1700 | 130 | --- | --- | --- | 100 |
| 6010D | Barium | 5500 | 690000 | 1800 | 1800 | --- | 150 | --- | --- | --- |
| 6010D | Barium | 5500 | 690000 | 2100 | 2100 | --- | --- | --- | 140 | --- |
| 6010D | Barium | 5500 | 690000 | 850 | 850 | --- | --- | 76 | --- | --- |
| 6010D | Beryllium | 160 | 1300 | 1000 | 130000 | --- | 0.76 | --- | --- | --- |
| 6010D | Beryllium | 160 | 1300 | 140 | 17000 | 0.71 | --- | --- | --- | 0.70 |
| 6010D | Beryllium | 160 | 1300 | 3.4 | 420 | --- | --- | 0.77 | --- | --- |
| 6010D | Beryllium | 160 | 1300 | 8000 | 1000000 | --- | --- | --- | 0.67 | --- |
| 6010D | Cadmium | 78 | 1800 | 11 | 110 | 0.31 | --- | --- | --- | 0.27 |
| 6010D | Cadmium | 78 | 1800 | 2.7 | 27 | --- | --- | 0.093 | --- | --- |
| 6010D | Cadmium | 78 | 1800 | 430 | 4300 | --- | --- | --- | 0.20 | --- |
| 6010D | Cadmium | 78 | 1800 | 59 | 590 | --- | 0.35 | --- | --- | --- |
| 6010D | Calcium | NRO | NRO | NRO | NRO | 60000 | 10000 | 4300 | 31000 | 45000 |
| 6010D | Chromium | 230 | 270 | NRO | NRO | 17 | 17 | 18 | 15 | 15 |
| 6010D | Cobalt | 4700 | NRO | NRO | NRO | 6.5 | 11 | 8.7 | 6.9 | 7.6 |
| 6010D | Copper | 2900 | NRO | 200000 | 200000 | 23 | --- | --- | --- | 19 |
| 6010D | Copper | 2900 | NRO | 2100 | 2100 | --- | --- | 18 | --- | --- |
| 6010D | Copper | 2900 | NRO | 330000 | 330000 | --- | 18 | --- | 19 | --- |
| 6010D | Iron | 55000 | NRO | NRO | NRO | 15000 | 20000 | 16000 | 15000 | 14000 |
| 6010D | Lead | 400 | NRO | 107 | 1420 | 11 | 61 | --- | 11 | 23 |
| 6010D | Lead | 400 | NRO | 23 | 300 | --- | --- | 11 | --- | --- |
| 6010D | Magnesium | 325000 | NRO | NRO | NRO | 6100 | 5600 | 4200 | 18000 | 26000 |
| 6010D | Manganese | 1600 | 69000 | NRO | NRO | 230 | 850 | 360 | 640 | 550 |
| 6010D | Nickel | 1600 | 13000 | 180 | 3500 | 14 | --- | --- | --- | 14 |
| 6010D | Nickel | 1600 | 13000 | 3800 | 76000 | --- | --- | --- | 15 | --- |
| 6010D | Nickel | 1600 | 13000 | 56 | 1100 | --- | --- | 17 | --- | --- |
| 6010D | Nickel | 1600 | 13000 | 700 | 14000 | --- | 15 | --- | --- | --- |
| 6010D | Potassium | NRO | NRO | NRO | NRO | 1900 | 2100 | 2000 | 1400 | 1800 |
| 6010D | Selenium | 390 | NRO | 12 | 12 | --- | --- | <1.1 | --- | --- |
| 6010D | Selenium | 390 | NRO | 2.4 | 2.4 | --- | --- | --- | <1.2 | --- |
| 6010D | Selenium | 390 | NRO | 3.3 | 3.3 | --- | <1.2 | --- | --- | --- |
| 6010D | Selenium | 390 | NRO | 4.5 | 4.5 | <3.3 | --- | --- | --- | <1.3 |
| 6010D | Silver | 390 | NRO | 0.62 | NRO | --- | --- | <0.56 | --- | --- |
| 6010D | Silver | 390 | NRO | 110 | NRO | --- | --- | --- | <0.60 | --- |
| 6010D | Silver | 390 | NRO | 13 | NRO | <1.6 | --- | --- | --- | <0.67 |
| 6010D | Silver | 390 | NRO | 39 | NRO | --- | <0.58 | --- | --- | --- |
| 6010D | Sodium | NRO | NRO | NRO | NRO | 84 | 61 | 36 | 64 | 68 |
| 6010D | Thallium | 6.3 | NRO | 2 | 20 | --- | --- | <1.1 | --- | --- |
| 6010D | Thallium | 6.3 | NRO | 3 | 30 | <3.3 | --- | --- | --- | <1.3 |
| 6010D | Thallium | 6.3 | NRO | 3.4 | 34 | --- | <1.2 | --- | --- | --- |
| 6010D | Thallium | 6.3 | NRO | 3.8 | 38 | --- | --- | --- | <1.2 | --- |
| 6010D | Vanadium | 550 | NRO | 980 | NRO | 28 | 27 | 28 | 28 | 22 |
| 6010D | Zinc | 23000 | NRO | 16000 | 32000 | --- | 110 | --- | --- | --- |
| 6010D | Zinc | 23000 | NRO | 2600 | 5200 | --- | --- | 40 | --- | --- |
| 6010D | Zinc | 23000 | NRO | 53000 | 110000 | --- | --- | --- | 46 | --- |
| 6010D | Zinc | 23000 | NRO | 7500 | 15000 | 52 | --- | --- | --- | 130 |
| 7471B | Mercury | 23 | 10 | 0.03 | 0.14 | --- | --- | 0.029 | --- | --- |
| 7471B | Mercury | 23 | 10 | 3.3 | 16 | <0.052 | --- | --- | --- | 0.036 |
| 7471B | Mercury | 23 | 10 | 6.4 | 32 | --- | 0.022 | --- | --- | --- |
| 7471B | Mercury | 23 | 10 | 8 | 40 | --- | --- | --- | 0.031 | --- |

* Exposure Routes for Soil Remediation Objectives (SROs) are based on
Title 35 Part 742 Tier 1 Appendix B Table A, C and D.
All results are mg/Kg and dry weight unless otherwise requested.
Note 1: Results that are Bolded and Shaded indicate that the measured concentration exceeds any one of the SROs.
Note 2: Class I and Class II SROs are based on pH according to Tables C and D for Title 35 indicated analytes.
NRO = (No Remediation Objective) was provided in tables.
***NRO/NRO***** indicates that pH analysis was not requested and the values for Class I and Class II can not be provided.
Additional analytes may have been requested but are not contained in the
TACO Tier 1 tables and are not evaluated.
Estimated results that are between the MDL and RL (J flags) may be reported but are not indicated with a flag.
Please refer to the report.
Results may have been achieved by a dilution and are not indicated with a flag. Please refer to the report.
These footnotes are not an all inclusive list from Section 742 Appendix B Tier 1 Tables A through H.
For a complete detailed list see Section 742 Appendix B Tier 1 Tables A through H.

| | |
|---|---|
| **Customer** | **Deigan & Associates LLC** |
| **Project** | **9N36 IL 47** |
| **Sample Date** | **12/21/2023** |
| **Lab Name** | **Eurofins Chicago** |
| **Job Number** | **500-244337-1** |

| **Analytical Results for Soil Samples** | | *** Exposure Routes for Specific SROs Residential** | | | | Sample ID | |
|---|---|---|---|---|---|---|---|
| | | | | | | pH | |
| | | Ingestion | Inhalation | Class I | Class II | SS-5 (5') | SS-6 (7') |
| **Method** | **Analyte** | mg/Kg | mg/Kg | mg/Kg | mg/Kg | 7.89 | --- |
| 8260D | 1,1,1-Trichloroethane | NRO | 1200 | 2 | 9.6 | <0.0019 | <0.0016 |
| 8260D | 1,1,2,2-Tetrachloroethane | 3.2 | 0.62 | 0.0035 | 0.0035 | <0.0019 | <0.0016 |
| 8260D | 1,1,2-Trichloroethane | 310 | 1800 | 0.02 | 0.3 | <0.0019 | <0.0016 |
| 8260D | 1,1-Dichloroethane | 7800 | 1300 | 23 | 110 | <0.0019 | <0.0016 |
| 8260D | 1,1-Dichloroethene | 3900 | 290 | 0.06 | 0.3 | <0.0019 | <0.0016 |
| 8260D | 1,2-Dichloroethane | 7 | 0.4 | 0.02 | 0.1 | <0.0047 | <0.0039 |
| 8260D | 1,2-Dichloropropane | 9 | 15 | 0.03 | 0.15 | <0.0019 | <0.0016 |
| 8260D | 1,3-Dichloropropene, Total | 6.4 | 1.1 | 0.004 | 0.02 | <0.0019 | <0.0016 |
| 8260D | 2-Butanone (MEK) | 47000 | 25000 | 17 | 17 | <0.0047 | <0.0039 |
| 8260D | 2-Hexanone | NRO | NRO | NRO | NRO | <0.0047 | <0.0039 |
| 8260D | Acetone | 70000 | 100000 | 25 | 25 | 0.014 | 0.011 |
| 8260D | Benzene | 12 | 0.8 | 0.03 | 0.17 | 0.0028 | 0.0025 |
| 8260D | Bromodichloromethane | 10 | 3000 | 0.6 | 0.6 | <0.0019 | <0.0016 |
| 8260D | Bromoform | 81 | 53 | 0.8 | 0.8 | <0.0019 | <0.0016 |
| 8260D | Bromomethane | 110 | 10 | 0.2 | 1.2 | <0.0047 | <0.0039 |
| 8260D | Carbon disulfide | 7800 | 720 | 32 | 160 | 0.0016 | <0.0039 |
| 8260D | Carbon tetrachloride | 5 | 0.3 | 0.07 | 0.33 | <0.0019 | <0.0016 |
| 8260D | Chlorobenzene | 1600 | 130 | 1 | 6.5 | <0.0019 | <0.0016 |
| 8260D | Chloroethane | NRO | 1500 | NRO | NRO | <0.0047 | <0.0039 |
| 8260D | Chloroform | 100 | 0.3 | 0.6 | 2.9 | <0.0019 | <0.0016 |
| 8260D | Chloromethane | NRO | 110 | NRO | NRO | <0.0047 | <0.0039 |
| 8260D | cis-1,2-Dichloroethene | 780 | 1200 | 0.4 | 1.1 | <0.0019 | <0.0016 |
| 8260D | cis-1,3-Dichloropropene | NRO | NRO | NRO | NRO | <0.0019 | <0.0016 |
| 8260D | Dibromochloromethane | 1600 | 1300 | 0.4 | 0.4 | <0.0019 | <0.0016 |
| 8260D | Ethylbenzene | 7800 | 400 | 13 | 19 | 0.0015 | 0.0012 |
| 8260D | methyl isobutyl ketone | NRO | 3100 | NRO | NRO | <0.0047 | <0.0039 |
| 8260D | Methyl tert-butyl ether | 780 | 8800 | 0.32 | 0.32 | <0.0019 | <0.0016 |
| 8260D | Methylene Chloride | 85 | 13 | 0.02 | 0.2 | 0.0019 | 0.0015 |
| 8260D | Styrene | 16000 | 1500 | 4 | 18 | <0.0019 | <0.0016 |
| 8260D | Tetrachloroethene | 12 | 11 | 0.06 | 0.3 | <0.0019 | <0.0016 |
| 8260D | Toluene | 16000 | 650 | 12 | 29 | 0.0044 | 0.0037 |
| 8260D | trans-1,2-Dichloroethene | 1600 | 3100 | 0.7 | 3.4 | <0.0019 | <0.0016 |
| 8260D | trans-1,3-Dichloropropene | NRO | NRO | NRO | NRO | <0.0019 | <0.0016 |
| 8260D | Trichloroethene | 58 | 5 | 0.06 | 0.3 | <0.0019 | <0.0016 |
| 8260D | Vinyl chloride | 0.46 | 0.28 | 0.01 | 0.07 | <0.0019 | <0.0016 |
| 8260D | Xylenes, Total | 16000 | 320 | 150 | 150 | 0.0030 | 0.0024 |

* Exposure Routes for Soil Remediation Objectives (SROs) are based on
Title 35 Part 742 Tier 1 Appendix B Table A, C and D.
All results are mg/Kg and dry weight unless otherwise requested
NRO = (No Remediation Objective) was provided in tables.
Note 1: Results that are Bolded and Shaded indicate that the measured concentration exceeds any one of the SROs.
Note 2: Class I and Class II SROs are based on pH according to Tables C and D for Title 35 indicated analytes.
Additional analytes may have been requested but are not contained in the
TACO Tier 1 tables and are not evaluated.
Estimated results that are between the MDL and RL (J flags) may be reported but are not indicated with a flag.
Please refer to the report.
Results may have been achieved by a dilution and are not indicated with a flag. Please refer to the report.
These footnotes are not an all inclusive list from Section 742 Appendix B Tier 1 Tables A through H.
For a complete detailed list see Section 742 Appendix B Tier 1 Tables A through H.
Xylenes, Total is a calculated result in TALs by adding the m,p-Xylene and o-Xylene results.
***NRO/NRO**** indicates that pH analysis was not requested and the values for Class I and Class II can not be provided.

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| | |
|---|---|
| **Customer** | **Deigan & Associates LLC** |
| **Project** | **9N36 IL 47** |
| **Sample Date** | **12/21/2023** |
| **Lab Name** | **Eurofins Chicago** |
| **Job Number** | **500-244337-1** |

| **Analytical Results for Soil Samples** | | *** Exposure Routes for Specific SROs Residential** | | | | Sample ID |
|---|---|---|---|---|---|---|
| | | | | | | pH |
| | | Ingestion | Inhalation | Class I | Class II | SS-5 (5') |
| **Method** | **Analyte** | mg/Kg | mg/Kg | mg/Kg | mg/Kg | 7.89 |
| 8270E | 1,2,4-Trichlorobenzene | 780 | 3200 | 5 | 53 | <0.19 |
| 8270E | 1,2-Dichlorobenzene | 7000 | 560 | 17 | 43 | <0.19 |
| 8270E | 1,3-Dichlorobenzene | NRO | NRO | NRO | NRO | <0.19 |
| 8270E | 1,4-Dichlorobenzene | NRO | 11000 | 2 | 11 | <0.19 |
| 8270E | 2,2'-oxybis[1-chloropropane] | NRO | NRO | NRO | NRO | <0.19 |
| 8270E | 2,4,5-Trichlorophenol | 7800 | NRO | 64 | 64 | <0.39 |
| 8270E | 2,4,6-Trichlorophenol | 58 | 200 | 0.07 | 0.07 | <0.39 |
| 8270E | 2,4-Dichlorophenol | 230 | NRO | 0.69 | 0.69 | <0.39 |
| 8270E | 2,4-Dimethylphenol | 1600 | NRO | 9 | 9 | <0.39 |
| 8270E | 2,4-Dinitrophenol | 160 | NRO | 0.2 | 0.2 | <0.78 |
| 8270E | 2,4-Dinitrotoluene | 0.9 | NRO | 0.0008 | 0.0008 | <0.19 |
| 8270E | 2,6-Dinitrotoluene | 0.9 | NRO | 0.0007 | 0.0007 | <0.19 |
| 8270E | 2-Chloronaphthalene | 6300 | NRO | 49 | 240 | <0.19 |
| 8270E | 2-Chlorophenol | 390 | 53000 | 3.1 | 3.1 | <0.19 |
| 8270E | 2-Methylnaphthalene | 310 | NRO | 1.9 | 9.5 | <0.078 |
| 8270E | 2-Methylphenol | 3900 | NRO | 15 | 15 | <0.19 |
| 8270E | 2-Nitroaniline | 230 | 35 | 0.14 | 0.14 | <0.19 |
| 8270E | 2-Nitrophenol | NRO | NRO | NRO | NRO | <0.39 |
| 8270E | 3 & 4 Methylphenol | 390 | NRO | 0.2 | 0.2 | <0.19 |
| 8270E | 3,3'-Dichlorobenzidine | 1 | NRO | 0.007 | 0.033 | <0.19 |
| 8270E | 3-Nitroaniline | 23 | 250 | 0.01 | 0.01 | <0.39 |
| 8270E | 4,6-Dinitro-2-methylphenol | 7.8 | NRO | 0.0031 | 0.0031 | <0.78 |
| 8270E | 4-Bromophenyl phenyl ether | NRO | NRO | NRO | NRO | <0.19 |
| 8270E | 4-Chloro-3-methylphenol | NRO | NRO | NRO | NRO | <0.39 |
| 8270E | 4-Chloroaniline | 310 | NRO | 0.7 | 0.7 | <0.78 |
| 8270E | 4-Chlorophenyl phenyl ether | NRO | NRO | NRO | NRO | <0.19 |
| 8270E | 4-Nitroaniline | 230 | 1000 | 0.1 | 0.1 | <0.39 |
| 8270E | 4-Nitrophenol | NRO | NRO | NRO | NRO | <0.78 |
| 8270E | Acenaphthene | 4700 | NRO | 570 | 2900 | <0.039 |
| 8270E | Acenaphthylene | 2300 | NRO | 85 | 420 | <0.039 |
| 8270E | Anthracene | 23000 | NRO | 12000 | 59000 | <0.039 |
| 8270E | Benzo[a]anthracene | 0.9 | NRO | 2 | 8 | <0.039 |
| 8270E | Benzo[a]pyrene | 0.09 | NRO | 8 | 82 | <0.039 |
| 8270E | Benzo[b]fluoranthene | 0.9 | NRO | 5 | 25 | <0.039 |
| 8270E | Benzo[g,h,i]perylene | 2300 | NRO | 27000 | 130000 | <0.039 |
| 8270E | Benzo[k]fluoranthene | 9 | NRO | 49 | 250 | <0.039 |
| 8270E | Bis(2-chloroethoxy)methane | NRO | NRO | NRO | NRO | <0.19 |
| 8270E | Bis(2-chloroethyl)ether | 0.6 | 0.2 | 0.0004 | 0.0004 | <0.19 |
| 8270E | Bis(2-ethylhexyl) phthalate | 46 | 31000 | 3600 | 31000 | <0.19 |
| 8270E | Butyl benzyl phthalate | 16000 | 930 | 930 | 930 | <0.19 |
| 8270E | Carbazole | 32 | NRO | 0.6 | 2.8 | <0.19 |
| 8270E | Chrysene | 88 | NRO | 160 | 800 | <0.039 |
| 8270E | Dibenz(a,h)anthracene | 0.09 | NRO | 2 | 7.6 | <0.039 |
| 8270E | Dibenzofuran | NRO | NRO | NRO | NRO | <0.19 |
| 8270E | Diethyl phthalate | 63000 | 2000 | 470 | 470 | <0.19 |
| 8270E | Dimethyl phthalate | NRO | NRO | NRO | NRO | <0.19 |
| 8270E | Di-n-butyl phthalate | 7800 | 2300 | 2300 | 2300 | <0.19 |
| 8270E | Di-n-octyl phthalate | 1600 | 10000 | 10000 | 10000 | <0.39 |
| 8270E | Fluoranthene | 3100 | NRO | 4300 | 21000 | <0.039 |
| 8270E | Fluorene | 3100 | NRO | 560 | 2800 | <0.039 |
| 8270E | Hexachlorobenzene | 0.4 | 1 | 2 | 11 | <0.078 |
| 8270E | Hexachlorobutadiene | 78 | NRO | 2.2 | 11 | <0.19 |
| 8270E | Hexachlorocyclopentadiene | 550 | 10 | 400 | 2200 | <0.78 |
| 8270E | Hexachloroethane | 78 | NRO | 0.5 | 2.6 | <0.19 |
| 8270E | Indeno[1,2,3-cd]pyrene | 0.9 | NRO | 14 | 69 | <0.039 |
| 8270E | Isophorone | 15600 | 4600 | 8 | 8 | <0.19 |
| 8270E | Naphthalene | 1600 | 170 | 12 | 18 | <0.039 |
| 8270E | Nitrobenzene | 39 | 92 | 0.1 | 0.1 | <0.039 |
| 8270E | N-Nitrosodi-n-propylamine | 0.09 | NRO | 0.00005 | 0.00005 | <0.078 |
| 8270E | N-Nitrosodiphenylamine | 130 | NRO | 1 | 5.6 | <0.19 |
| 8270E | Pentachlorophenol | 3 | NRO | 0.02 | 0.1 | <0.78 |
| 8270E | Phenanthrene | 2300 | NRO | 210 | 1100 | <0.039 |
| 8270E | Phenol | 23000 | NRO | 100 | 100 | <0.19 |
| 8270E | Pyrene | 2300 | NRO | 4200 | 21000 | <0.039 |

* Exposure Routes for Soil Remediation Objectives (SROs) are based on
Title 35 Part 742 Tier 1 Appendix B Table A, C and D.
All results are mg/Kg and dry weight unless otherwise requested.
Note 1: Results that are Bolded and Shaded indicate that the measured concentration exceeds any one of the SROs.
Note 2: Class I and Class II SROs are based on pH according to Tables C and D for Title 35 indicated analytes.
NRO = (No Remediation Objective) was provided in tables.
***NRO/NRO***** indicates that pH analysis was not requested and the values for Class I and Class II can not be provided.
Additional analytes may have been requested but are not contained in the
TACO Tier 1 tables and are not evaluated.
Estimated results that are between the MDL and RL (J flags) may be reported but are not indicated with a flag.
Please refer to the report.
Results may have been achieved by a dilution and are not indicated with a flag. Please refer to the report.
3&4-Methylphenol does not separate analytically on the columns and are reported as combined analytes.
These footnotes are not an all inclusive list from Section 742 Appendix B Tier 1 Tables A through H.
For a complete detailed list see Section 742 Appendix B Tier 1 Tables A through H.

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| | |
|---|---|
| **Customer** | **Deigan & Associates LLC** |
| **Project** | **9N36 IL 47** |
| **Sample Date** | **12/21/2023** |
| **Lab Name** | **Eurofins Chicago** |
| **Job Number** | **500-244337-1** |

| **Analytical Results for Soil Samples** | | *** Exposure Routes for Specific SROs Residential** | | | | Sample ID | |
|---|---|---|---|---|---|---|---|
| | | | | | | pH | |
| | | Ingestion | Inhalation | Class I | Class II | SS-5 (5') | |
| **Method** | **Analyte** | mg/Kg | mg/Kg | mg/Kg | mg/Kg | 7.89 | |
| 8081B | 4,4'-DDD | 3 | NRO | 16 | 80 | <0.0020 | |
| 8081B | 4,4'-DDE | 2 | NRO | 54 | 270 | <0.0020 | |
| 8081B | 4,4'-DDT | 2 | NRO | 32 | 160 | <0.0020 | |
| 8081B | Aldrin | 0.04 | 3 | 0.5 | 2.5 | <0.0020 | |
| 8081B | alpha-BHC | 0.1 | 0.8 | 0.0005 | 0.003 | <0.0020 | |
| 8081B | beta-BHC | NRO | NRO | NRO | NRO | <0.0020 | |
| 8081B | cis-Chlordane | NRO | NRO | NRO | NRO | <0.0020 | |
| 8081B | delta-BHC | NRO | NRO | NRO | NRO | <0.0020 | |
| 8081B | Dieldrin | 0.04 | 1 | 0.004 | 0.02 | <0.0020 | |
| 8081B | Endosulfan I | NRO | NRO | NRO | NRO | <0.0020 | |
| 8081B | Endosulfan II | NRO | NRO | NRO | NRO | <0.0020 | |
| 8081B | Endosulfan sulfate | NRO | NRO | NRO | NRO | <0.0020 | |
| 8081B | Endrin | 23 | NRO | 1 | 5 | <0.0020 | |
| 8081B | Endrin aldehyde | NRO | NRO | NRO | NRO | <0.0020 | |
| 8081B | Endrin ketone | NRO | NRO | NRO | NRO | <0.0020 | |
| 8081B | gamma-BHC (Lindane) | 0.5 | NRO | 0.009 | 0.047 | <0.0020 | |
| 8081B | Heptachlor | 0.1 | 0.1 | 23 | 110 | <0.0020 | |
| 8081B | Heptachlor epoxide | 0.07 | 5 | 0.7 | 3.3 | <0.0020 | |
| 8081B | Methoxychlor | 390 | NRO | 160 | 780 | <0.0096 | |
| 8081B | Toxaphene | 0.6 | 89 | 31 | 150 | <0.019 | |
| 8081B | trans-Chlordane | NRO | NRO | NRO | NRO | <0.0020 | |

* Exposure Routes for Soil Remediation Objectives (SROs) are based on Title 35 Part 742 Tier 1 Appendix B Table A, C and D.
All results are mg/Kg and dry weight unless otherwise requested
Note 1: Results that are Bolded and Shaded indicate that the measured concentration exceeds any one of the SROs.
Note 2: Class I and Class II SROs are based on pH according to Tables C and D for Title 35 indicated analytes.
NRO = (No Remediation Objective) was provided in tables.
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For a complete detailed list see Section 742 Appendix B Tier 1 Tables A through H.

| | |
|---|---|
| **Customer** | **Deigan & Associates LLC** |
| **Project** | **9N36 IL 47** |
| **Sample Date** | **12/21/2023** |
| **Lab Name** | **Eurofins Chicago** |
| **Job Number** | **500-244337-1** |

| **Analytical Results for Soil Samples** | | **Exposure Routes for Specific SRO Residential** | | | | Samle ID |
|---|---|---|---|---|---|---|
| | | | | | | pH |
| | | Ingestion | Inhalation | Class I | Class II | SS-5 (5') |
| **Method** | **Analyte** | mg/Kg | mg/Kg | mg/Kg | mg/Kg | 7.89 |
| 8082A | PCB-1016 | NRO | NRO | NRO | NRO | <0.019 |
| 8082A | PCB-1221 | NRO | NRO | NRO | NRO | <0.019 |
| 8082A | PCB-1232 | NRO | NRO | NRO | NRO | <0.019 |
| 8082A | PCB-1242 | NRO | NRO | NRO | NRO | <0.019 |
| 8082A | PCB-1248 | NRO | NRO | NRO | NRO | <0.019 |
| 8082A | PCB-1254 | NRO | NRO | NRO | NRO | <0.019 |
| 8082A | PCB-1260 | NRO | NRO | NRO | NRO | <0.019 |
| 8082A | Polychlorinated biphenyls, Total | 1 | NRO | NRO | NRO | <0.019 |

* Exposure Routes for Soil Remediation Objectives (SROs) are based on
Title 35 Part 742 Tier 1 Appendix B Table A, C and D.
All results are mg/Kg and dry weight unless otherwise requested.
Note 1: Results that are Bolded and Shaded indicate that the measured concentration exceeds any one of the SROs.
Note 2: Class I and Class II SROs are based on pH according to Tables C and D for Title 35 indicated analytes.
NRO = (No Remediation Objective) was provided in tables.
***NRO/NRO*** indicates that pH analysis was not requested and the values for Class I and Class II can not be provided.
Additional analytes may have been requested but are not contained in the
TACO Tier 1 tables and are not evaluated.
Estimated results that are between the MDL and RL (J flags) may be reported but are not indicated with a flag.
Please refer to the report.
Results may have been achieved by a dilution and are not indicated with a flag. Please refer to the report.
Total PCB is a calculated result in TALs by adding the individual PCB aroclors.
These footnotes are not an all inclusive list from Section 742 Appendix B Tier 1 Tables A through H.
For a complete detailed list see Section 742 Appendix B Tier 1 Tables A through H.

# Appendix A

Laboratory Analytical Reports

| | |
|---|---|
| **Customer** | **Deigan & Associates LLC** |
| **Project** | **9N36 IL 47** |
| **Sample Date** | **12/21/2023** |
| **Lab Name** | **Eurofins Chicago** |
| **Job Number** | **500-244337-1** |

| **Analytical Results for Soil Samples** | | *** Exposure Routes for Specific SROs Residential** | | | | Sample ID |
|---|---|---|---|---|---|---|
| | | | | | | pH |
| | | Ingestion | Inhalation | Class I | Class II | SS-5 (5') |
| **Method** | **Analyte** | mg/Kg | mg/Kg | mg/Kg | mg/Kg | 7.89 |
| 6010D | Aluminum | 78000 | 1000000 | NRO | NRO | 9700 |
| 6010D | Antimony | 31 | NRO | 5 | 20 | <2.3 |
| 6010D | Arsenic | NRO | 750 | 31 | 120 | 6.7 |
| 6010D | Barium | 5500 | 690000 | 2100 | 2100 | 120 |
| 6010D | Beryllium | 160 | 1300 | 8000 | 1000000 | 0.60 |
| 6010D | Cadmium | 78 | 1800 | 430 | 4300 | 0.11 |
| 6010D | Calcium | NRO | NRO | NRO | NRO | 5200 |
| 6010D | Chromium | 230 | 270 | NRO | NRO | 16 |
| 6010D | Cobalt | 4700 | NRO | NRO | NRO | 8.1 |
| 6010D | Copper | 2900 | NRO | 330000 | 330000 | 16 |
| 6010D | Iron | 55000 | NRO | NRO | NRO | 17000 |
| 6010D | Lead | 400 | NRO | 107 | 1420 | 8.8 |
| 6010D | Magnesium | 325000 | NRO | NRO | NRO | 3500 |
| 6010D | Manganese | 1600 | 69000 | NRO | NRO | 460 |
| 6010D | Nickel | 1600 | 13000 | 3800 | 76000 | 29 |
| 6010D | Potassium | NRO | NRO | NRO | NRO | 1900 |
| 6010D | Selenium | 390 | NRO | 2.4 | 2.4 | <1.2 |
| 6010D | Silver | 390 | NRO | 110 | NRO | <0.58 |
| 6010D | Sodium | NRO | NRO | NRO | NRO | 96 |
| 6010D | Thallium | 6.3 | NRO | 3.8 | 38 | <1.2 |
| 6010D | Vanadium | 550 | NRO | 980 | NRO | 27 |
| 6010D | Zinc | 23000 | NRO | 53000 | 110000 | 55 |
| 7471B | Mercury | 23 | 10 | 8 | 40 | 0.010 |

* Exposure Routes for Soil Remediation Objectives (SROs) are based on Title 35 Part 742 Tier 1 Appendix B Table A, C and D.
All results are mg/Kg and dry weight unless otherwise requested.
Note 1: Results that are Bolded and Shaded indicate that the measured concentration exceeds any one of the SROs.
Note 2: Class I and Class II SROs are based on pH according to Tables C and D for Title 35 indicated analytes.
NRO = (No Remediation Objective) was provided in tables.
***NRO/NRO***** indicates that pH analysis was not requested and the values for Class I and Class II can not be provided.
Additional analytes may have been requested but are not contained in the TACO Tier 1 tables and are not evaluated.
Estimated results that are between the MDL and RL (J flags) may be reported but are not indicated with a flag. Please refer to the report.
Results may have been achieved by a dilution and are not indicated with a flag. Please refer to the report.
These footnotes are not an all inclusive list from Section 742 Appendix B Tier 1 Tables A through H.
For a complete detailed list see Section 742 Appendix B Tier 1 Tables A through H.

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Gary Deigan
Deigan & Associates LLC
28835 N. Herky Drive
Unit 120
Lake Bluff, Illinois 60044

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## JOB DESCRIPTION

9N636 RT47 Elgin,IL (23-065)

## JOB NUMBER

500-243876-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

## Authorization



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**Job Narrative**
**500-243876-1**

**Receipt**
The samples were received on 12/14/2023 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.3º C.

**GC/MS VOA**
Method 8260D: The laboratory control sample (LCS) for analytical batch 500-747835 recovered outside control limits for the following analyte: Tetrachloroethene. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC/MS Semi VOA**
Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-747766 was outside the method criteria for the following analytes: 2,2'-oxybis[1-chloropropane], 4-Nitrophenol, 2-Nitroaniline, Hexachloroethane, Isophorone, Nitrobenzene and N-Nitrosodi-n-propylamine. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-747766 was outside the method criteria for the following analytes: 2,4-Dinitrophenol, 2-Nitrophenol, 4,6-Dinitro-2-methylphenol, Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes are considered estimated.

Method 8270E: Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 3 analytes to recover outside criteria for this method when utilizing this list of analytes. The LCS associated with preparation batch 500-747237 and analytical batch 500-747766 had 2 analytes outside control limits: Isophorone and Phenol. These results have been reported and qualified.

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-748164 and analytical batch 500-748209 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-748366 was outside the method criteria for the following analyte: Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The following sample was diluted due to the nature of the sample matrix: PSED 01 (500-243876-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC Semi VOA**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Metals**
Method 6020B: The initial low level calibration verification (ICVL) result for batch 747971 was above the upper control limit for Be. Sample results were non-detects, and have been reported as qualified data.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**General Chemistry**
Method 9012B: The laboratory control sample (LCS) for preparation batch 500-748007 and analytical batch 500-748558 recovered outside control limits for the following analytes: Cyanide, Total. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 9012B: The following samples were prepped within hold time but analyzed outside of analytical holding time due to backup analyst missing the samples: PSED 01 (500-243876-2), SS-1 (500-243876-3), SS-2 (500-243876-4), SS-3 (500-243876-5) and

## Job ID: 500-243876-1 (Continued) Eurofins Chicago

SS-4 (500-243876-6).

Method 9045D: Reanalysis of the following sample was performed outside of the analytical holding time due to the analyst needed verification because this sample was ran as a duplicate & the RPD was outside of control limits: SS-1 (500-243876-3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

## Client Sample ID: WW01 — Lab Sample ID: 500-243876-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic | 0.015 | | 0.0010 | 0.00023 | mg/L | 1 | | 6020B | Total Recoverable |
| Barium | 0.10 | | 0.0025 | 0.00073 | mg/L | 1 | | 6020B | Total Recoverable |
| Calcium | 44 | B | 0.20 | 0.044 | mg/L | 1 | | 6020B | Total Recoverable |
| Cobalt | 0.00052 | J | 0.0010 | 0.00040 | mg/L | 1 | | 6020B | Total Recoverable |
| Copper | 0.0058 | | 0.0020 | 0.00050 | mg/L | 1 | | 6020B | Total Recoverable |
| Iron | 3.1 | | 0.10 | 0.047 | mg/L | 1 | | 6020B | Total Recoverable |
| Lead | 0.00055 | | 0.00050 | 0.00019 | mg/L | 1 | | 6020B | Total Recoverable |
| Magnesium | 22 | | 0.20 | 0.049 | mg/L | 1 | | 6020B | Total Recoverable |
| Manganese | 0.022 | | 0.0025 | 0.00079 | mg/L | 1 | | 6020B | Total Recoverable |
| Potassium | 3.1 | | 0.50 | 0.11 | mg/L | 1 | | 6020B | Total Recoverable |
| Sodium | 62 | | 0.20 | 0.077 | mg/L | 1 | | 6020B | Total Recoverable |
| Zinc | 0.029 | B | 0.020 | 0.0069 | mg/L | 1 | | 6020B | Total Recoverable |
| pH | 7.5 | HF | 0.2 | 0.2 | SU | 1 | | 9040C | Total/NA |

## Client Sample ID: PSED 01 — Lab Sample ID: 500-243876-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 0.31 | | 0.082 | 0.036 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| 2-Butanone (MEK) | 0.069 | | 0.021 | 0.0091 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Aluminum | 15000 | | 65 | 27 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Arsenic | 2.4 | J | 3.3 | 1.1 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Barium | 130 | | 3.3 | 0.37 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Beryllium | 0.71 | J | 1.3 | 0.30 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Cadmium | 0.31 | J B | 0.65 | 0.12 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Calcium | 60000 | B | 65 | 11 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Chromium | 17 | | 3.3 | 1.6 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Cobalt | 6.5 | | 1.6 | 0.43 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Copper | 23 | | 3.3 | 0.91 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Iron | 15000 | | 65 | 34 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Lead | 11 | | 1.6 | 0.75 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Magnesium | 6100 | B | 33 | 16 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Manganese | 230 | | 3.3 | 0.47 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Nickel | 14 | | 3.3 | 0.95 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Potassium | 1900 | | 160 | 58 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Sodium | 84 | J | 330 | 48 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Vanadium | 28 | | 1.6 | 0.38 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Zinc | 52 | | 6.5 | 2.9 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| pH | 7.0 | | 0.2 | 0.2 | SU | 1 | | 9045D | Total/NA |

## Client Sample ID: SS-1 — Lab Sample ID: 500-243876-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Naphthalene | 0.027 | J | 0.041 | 0.0074 | mg/Kg | 1 | ☼ | 8270E | Total/NA |

This Detection Summary does not include radiochemical test results.

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## Client Sample ID: SS-1 (Continued)

## Lab Sample ID: 500-243876-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylnaphthalene | 0.0084 | J | 0.083 | 0.0082 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Phenanthrene | 0.059 | | 0.041 | 0.0089 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Anthracene | 0.013 | J | 0.041 | 0.0084 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluoranthene | 0.25 | | 0.041 | 0.0095 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Pyrene | 0.21 | | 0.041 | 0.011 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]anthracene | 0.089 | | 0.041 | 0.0087 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Chrysene | 0.23 | | 0.041 | 0.011 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[b]fluoranthene | 0.30 | | 0.041 | 0.039 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[k]fluoranthene | 0.096 | | 0.041 | 0.016 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]pyrene | 0.11 | | 0.041 | 0.040 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 0.11 | | 0.041 | 0.040 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Dibenz(a,h)anthracene | 0.041 | | 0.041 | 0.041 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 0.081 | | 0.041 | 0.0089 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| 4,4'-DDE | 0.0021 | | 0.0021 | 0.0011 | mg/Kg | 1 | ☼ | 8081B | Total/NA |
| 4,4'-DDT | 0.0038 | | 0.0021 | 0.0010 | mg/Kg | 1 | ☼ | 8081B | Total/NA |
| Aluminum | 12000 | | 23 | 9.5 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Arsenic | 6.5 | | 1.2 | 0.40 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Barium | 150 | | 1.2 | 0.13 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Beryllium | 0.76 | | 0.47 | 0.11 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Cadmium | 0.35 | B | 0.23 | 0.042 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Calcium | 10000 | B | 23 | 4.0 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Chromium | 17 | | 1.2 | 0.58 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Cobalt | 11 | | 0.58 | 0.15 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Copper | 18 | | 1.2 | 0.33 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Iron | 20000 | | 23 | 12 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Lead | 61 | | 0.58 | 0.27 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Magnesium | 5600 | B | 12 | 5.8 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Manganese | 850 | | 1.2 | 0.17 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Nickel | 15 | | 1.2 | 0.34 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Potassium | 2100 | | 58 | 21 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Sodium | 61 | J | 120 | 17 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Vanadium | 27 | | 0.58 | 0.14 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Zinc | 110 | | 2.3 | 1.0 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Mercury | 0.022 | | 0.020 | 0.011 | mg/Kg | 1 | ☼ | 7471B | Total/NA |
| pH | 7.3 | | 0.2 | 0.2 | SU | 1 | | 9045D | Total/NA |

## Client Sample ID: SS-2

## Lab Sample ID: 500-243876-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzo[a]anthracene | 0.011 | J | 0.038 | 0.0081 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Aluminum | 14000 | | 22 | 9.1 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Arsenic | 4.7 | | 1.1 | 0.38 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Barium | 76 | | 1.1 | 0.13 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Beryllium | 0.77 | | 0.45 | 0.10 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Cadmium | 0.093 | J B | 0.22 | 0.040 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Calcium | 4300 | B | 22 | 3.8 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Chromium | 18 | | 1.1 | 0.55 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Cobalt | 8.7 | | 0.56 | 0.15 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Copper | 18 | | 1.1 | 0.31 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Iron | 16000 | | 22 | 12 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Lead | 11 | | 0.56 | 0.26 | mg/Kg | 1 | ☼ | 6010D | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: SS-2 (Continued) — Lab Sample ID: 500-243876-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Magnesium | 4200 | B | 11 | 5.5 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Manganese | 360 | | 1.1 | 0.16 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Nickel | 17 | | 1.1 | 0.32 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Potassium | 2000 | | 56 | 20 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Sodium | 36 | J | 110 | 17 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Vanadium | 28 | | 0.56 | 0.13 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Zinc | 40 | | 2.2 | 0.98 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Mercury | 0.029 | | 0.019 | 0.010 | mg/Kg | 1 | ☼ | 7471B | Total/NA |
| pH | 5.4 | | 0.2 | 0.2 | SU | 1 | | 9045D | Total/NA |

## Client Sample ID: SS-3 — Lab Sample ID: 500-243876-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 12000 | | 24 | 9.8 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Arsenic | 4.6 | | 1.2 | 0.41 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Barium | 140 | | 1.2 | 0.14 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Beryllium | 0.67 | | 0.48 | 0.11 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Cadmium | 0.20 | J B | 0.24 | 0.043 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Calcium | 31000 | B | 24 | 4.1 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Chromium | 15 | | 1.2 | 0.59 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Cobalt | 6.9 | | 0.60 | 0.16 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Copper | 19 | | 1.2 | 0.34 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Iron | 15000 | | 24 | 12 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Lead | 11 | | 0.60 | 0.28 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Magnesium | 18000 | B | 12 | 6.0 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Manganese | 640 | | 1.2 | 0.17 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Nickel | 15 | | 1.2 | 0.35 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Potassium | 1400 | | 60 | 21 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Sodium | 64 | J | 120 | 18 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Vanadium | 28 | | 0.60 | 0.14 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Zinc | 46 | | 2.4 | 1.1 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Mercury | 0.031 | | 0.020 | 0.011 | mg/Kg | 1 | ☼ | 7471B | Total/NA |
| pH | 7.8 | | 0.2 | 0.2 | SU | 1 | | 9045D | Total/NA |

## Client Sample ID: SS-4 — Lab Sample ID: 500-243876-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Phenanthrene | 0.014 | J | 0.046 | 0.010 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluoranthene | 0.041 | J | 0.046 | 0.011 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Pyrene | 0.038 | J | 0.046 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]anthracene | 0.024 | J | 0.046 | 0.0098 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Chrysene | 0.030 | J | 0.046 | 0.012 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[b]fluoranthene | 0.047 | | 0.046 | 0.044 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 0.045 | J | 0.046 | 0.045 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 0.031 | J | 0.046 | 0.010 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| 4,4'-DDD | 0.0033 | | 0.0023 | 0.0012 | mg/Kg | 1 | ☼ | 8081B | Total/NA |
| 4,4'-DDE | 0.027 | | 0.0023 | 0.0012 | mg/Kg | 1 | ☼ | 8081B | Total/NA |
| Dieldrin | 0.0025 | | 0.0023 | 0.0012 | mg/Kg | 1 | ☼ | 8081B | Total/NA |
| Aluminum | 12000 | | 27 | 11 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Arsenic | 5.0 | | 1.3 | 0.46 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Barium | 100 | | 1.3 | 0.15 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Beryllium | 0.70 | | 0.54 | 0.13 | mg/Kg | 1 | ☼ | 6010D | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: SS-4 (Continued)

## Lab Sample ID: 500-243876-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Cadmium | 0.27 | B | 0.27 | 0.048 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Calcium | 45000 | B | 27 | 4.6 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Chromium | 15 | | 1.3 | 0.67 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Cobalt | 7.6 | | 0.67 | 0.18 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Copper | 19 | | 1.3 | 0.38 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Iron | 14000 | | 27 | 14 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Lead | 23 | | 0.67 | 0.31 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Magnesium | 26000 | B | 13 | 6.7 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Manganese | 550 | | 1.3 | 0.19 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Nickel | 14 | | 1.3 | 0.39 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Potassium | 1800 | | 67 | 24 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Sodium | 68 | J | 130 | 20 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Vanadium | 22 | | 0.67 | 0.16 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Zinc | 130 | | 2.7 | 1.2 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Mercury | 0.036 | | 0.022 | 0.012 | mg/Kg | 1 | ☼ | 7471B | Total/NA |
| pH | 7.1 | | 0.2 | 0.2 | SU | 1 | | 9045D | Total/NA |

This Detection Summary does not include radiochemical test results.

# Method Summary

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260D | Volatile Organic Compounds by GC/MS | SW846 | EET CHI |
| 8270E | Semivolatile Organic Compounds (GC/MS) | SW846 | EET CHI |
| 8081B | Organochlorine Pesticides (GC) | SW846 | EET CHI |
| 8082A | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | EET CHI |
| 6010D | Metals (ICP) | SW846 | EET CHI |
| 6020B | Metals (ICP/MS) | SW846 | EET CHI |
| 7470A | Mercury (CVAA) | SW846 | EET CHI |
| 7471B | Mercury (CVAA) | SW846 | EET CHI |
| 9012B | Cyanide, Total andor Amenable | SW846 | EET CHI |
| 9040C | pH | SW846 | EET CHI |
| 9045D | pH | SW846 | EET CHI |
| Moisture | Percent Moisture | EPA | EET CHI |
| 3005A | Preparation, Total Recoverable or Dissolved Metals | SW846 | EET CHI |
| 3050B | Preparation, Metals | SW846 | EET CHI |
| 3510C | Liquid-Liquid Extraction (Separatory Funnel) | SW846 | EET CHI |
| 3541 | Automated Soxhlet Extraction | SW846 | EET CHI |
| 3546 | Microwave Extraction | SW846 | EET CHI |
| 5030B | Purge and Trap | SW846 | EET CHI |
| 5035 | Closed System Purge and Trap | SW846 | EET CHI |
| 7470A | Preparation, Mercury | SW846 | EET CHI |
| 7471B | Preparation, Mercury | SW846 | EET CHI |
| 9010C | Cyanide, Distillation | SW846 | EET CHI |

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# Sample Summary

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 500-243876-1 | WW01 | Water | 12/13/23 10:00 | 12/14/23 09:45 |
| 500-243876-2 | PSED 01 | Solid | 12/13/23 09:41 | 12/14/23 09:45 |
| 500-243876-3 | SS-1 | Solid | 12/13/23 10:09 | 12/14/23 09:45 |
| 500-243876-4 | SS-2 | Solid | 12/13/23 10:21 | 12/14/23 09:45 |
| 500-243876-5 | SS-3 | Solid | 12/13/23 10:35 | 12/14/23 09:45 |
| 500-243876-6 | SS-4 | Solid | 12/13/23 10:55 | 12/14/23 09:45 |

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

**Client Sample ID: WW01**
**Date Collected: 12/13/23 10:00**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-1**
**Matrix: Water**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.010 | | 0.010 | 0.0017 | mg/L | | | 12/21/23 22:35 | 1 |
| Benzene | <0.00050 | | 0.00050 | 0.00015 | mg/L | | | 12/21/23 22:35 | 1 |
| Bromodichloromethane | <0.0010 | | 0.0010 | 0.00037 | mg/L | | | 12/21/23 22:35 | 1 |
| Bromoform | <0.0010 | | 0.0010 | 0.00048 | mg/L | | | 12/21/23 22:35 | 1 |
| Bromomethane | <0.0030 | | 0.0030 | 0.00080 | mg/L | | | 12/21/23 22:35 | 1 |
| 2-Butanone (MEK) | <0.0050 | | 0.0050 | 0.0021 | mg/L | | | 12/21/23 22:35 | 1 |
| Carbon disulfide | <0.0020 | | 0.0020 | 0.00045 | mg/L | | | 12/21/23 22:35 | 1 |
| Carbon tetrachloride | <0.0010 | | 0.0010 | 0.00038 | mg/L | | | 12/21/23 22:35 | 1 |
| Chlorobenzene | <0.0010 | | 0.0010 | 0.00039 | mg/L | | | 12/21/23 22:35 | 1 |
| Chloroethane | <0.0050 | | 0.0050 | 0.00051 | mg/L | | | 12/21/23 22:35 | 1 |
| Chloroform | <0.0020 | | 0.0020 | 0.00037 | mg/L | | | 12/21/23 22:35 | 1 |
| Chloromethane | <0.0050 | | 0.0050 | 0.00032 | mg/L | | | 12/21/23 22:35 | 1 |
| cis-1,2-Dichloroethene | <0.0010 | | 0.0010 | 0.00041 | mg/L | | | 12/21/23 22:35 | 1 |
| cis-1,3-Dichloropropene | <0.0010 | | 0.0010 | 0.00042 | mg/L | | | 12/21/23 22:35 | 1 |
| Dibromochloromethane | <0.0010 | | 0.0010 | 0.00049 | mg/L | | | 12/21/23 22:35 | 1 |
| 1,1-Dichloroethane | <0.0010 | | 0.0010 | 0.00041 | mg/L | | | 12/21/23 22:35 | 1 |
| 1,1-Dichloroethene | <0.0010 | | 0.0010 | 0.00039 | mg/L | | | 12/21/23 22:35 | 1 |
| 1,2-Dichloropropane | <0.0010 | | 0.0010 | 0.00043 | mg/L | | | 12/21/23 22:35 | 1 |
| Ethylbenzene | <0.00050 | | 0.00050 | 0.00018 | mg/L | | | 12/21/23 22:35 | 1 |
| 2-Hexanone | <0.0050 | | 0.0050 | 0.0016 | mg/L | | | 12/21/23 22:35 | 1 |
| Methylene Chloride | <0.0050 | | 0.0050 | 0.0016 | mg/L | | | 12/21/23 22:35 | 1 |
| methyl isobutyl ketone | <0.0050 | | 0.0050 | 0.0022 | mg/L | | | 12/21/23 22:35 | 1 |
| Methyl tert-butyl ether | <0.0010 | | 0.0010 | 0.00039 | mg/L | | | 12/21/23 22:35 | 1 |
| Styrene | <0.0010 | | 0.0010 | 0.00039 | mg/L | | | 12/21/23 22:35 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.0010 | | 0.0010 | 0.00040 | mg/L | | | 12/21/23 22:35 | 1 |
| Tetrachloroethene | <0.0010 | *+ | 0.0010 | 0.00037 | mg/L | | | 12/21/23 22:35 | 1 |
| Toluene | <0.00050 | | 0.00050 | 0.00015 | mg/L | | | 12/21/23 22:35 | 1 |
| trans-1,2-Dichloroethene | <0.0010 | | 0.0010 | 0.00035 | mg/L | | | 12/21/23 22:35 | 1 |
| trans-1,3-Dichloropropene | <0.0010 | | 0.0010 | 0.00036 | mg/L | | | 12/21/23 22:35 | 1 |
| 1,1,1-Trichloroethane | <0.0010 | | 0.0010 | 0.00038 | mg/L | | | 12/21/23 22:35 | 1 |
| 1,1,2-Trichloroethane | <0.0010 | | 0.0010 | 0.00035 | mg/L | | | 12/21/23 22:35 | 1 |
| Trichloroethene | <0.00050 | | 0.00050 | 0.00016 | mg/L | | | 12/21/23 22:35 | 1 |
| Vinyl chloride | <0.0010 | | 0.0010 | 0.00020 | mg/L | | | 12/21/23 22:35 | 1 |
| Xylenes, Total | <0.0010 | | 0.0010 | 0.00022 | mg/L | | | 12/21/23 22:35 | 1 |
| 1,2-Dichloroethane | <0.0010 | | 0.0010 | 0.00039 | mg/L | | | 12/21/23 22:35 | 1 |
| 1,3-Dichloropropene, Total | <0.0010 | | 0.0010 | 0.00042 | mg/L | | | 12/21/23 22:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *86* | | *72 - 124* | | *12/21/23 22:35* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *75 - 120* | | *12/21/23 22:35* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *75 - 126* | | *12/21/23 22:35* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *75 - 120* | | *12/21/23 22:35* | *1* |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | <0.0016 | | 0.0016 | 0.00019 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 1,2-Dichlorobenzene | <0.0016 | | 0.0016 | 0.00019 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 1,3-Dichlorobenzene | <0.0016 | | 0.0016 | 0.00016 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 1,4-Dichlorobenzene | <0.0016 | | 0.0016 | 0.00016 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2,2'-oxybis[1-chloropropane] | <0.0016 | | 0.0016 | 0.00030 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

**Client Sample ID: WW01**
**Date Collected: 12/13/23 10:00**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-1**
**Matrix: Water**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | <0.0079 | | 0.0079 | 0.0020 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2,4,6-Trichlorophenol | <0.0039 | | 0.0039 | 0.00056 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2,4-Dichlorophenol | <0.0079 | | 0.0079 | 0.0020 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2,4-Dimethylphenol | <0.0079 | | 0.0079 | 0.0014 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2,4-Dinitrophenol | <0.016 | | 0.016 | 0.0067 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2,4-Dinitrotoluene | <0.00079 | | 0.00079 | 0.00019 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2,6-Dinitrotoluene | <0.00079 | | 0.00079 | 0.000058 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2-Chloronaphthalene | <0.0016 | | 0.0016 | 0.00018 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2-Chlorophenol | <0.0039 | | 0.0039 | 0.00044 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2-Methylnaphthalene | <0.0016 | | 0.0016 | 0.000051 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2-Methylphenol | <0.0016 | | 0.0016 | 0.00024 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2-Nitroaniline | <0.0039 | | 0.0039 | 0.0010 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 2-Nitrophenol | <0.0079 | | 0.0079 | 0.0020 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 3 & 4 Methylphenol | <0.0016 | | 0.0016 | 0.00035 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 3,3'-Dichlorobenzidine | <0.0039 | | 0.0039 | 0.0013 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 3-Nitroaniline | <0.0079 | | 0.0079 | 0.0014 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 4,6-Dinitro-2-methylphenol | <0.016 | | 0.016 | 0.0046 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 4-Bromophenyl phenyl ether | <0.0039 | | 0.0039 | 0.00042 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 4-Chloro-3-methylphenol | <0.0079 | | 0.0079 | 0.0018 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 4-Chloroaniline | <0.0079 | | 0.0079 | 0.0016 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 4-Chlorophenyl phenyl ether | <0.0039 | | 0.0039 | 0.00050 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 4-Nitroaniline | <0.0079 | | 0.0079 | 0.0013 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| 4-Nitrophenol | <0.016 | | 0.016 | 0.0058 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Acenaphthene | <0.00079 | | 0.00079 | 0.00024 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Acenaphthylene | <0.00079 | | 0.00079 | 0.00021 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Anthracene | <0.00079 | | 0.00079 | 0.00026 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Benzo[a]anthracene | <0.00016 | | 0.00016 | 0.000044 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Benzo[a]pyrene | <0.00016 | | 0.00016 | 0.000078 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Benzo[b]fluoranthene | <0.00016 | | 0.00016 | 0.000063 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Benzo[g,h,i]perylene | <0.00079 | | 0.00079 | 0.00029 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Benzo[k]fluoranthene | <0.00016 | | 0.00016 | 0.000050 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Bis(2-chloroethoxy)methane | <0.0016 | | 0.0016 | 0.00022 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Bis(2-chloroethyl)ether | <0.0016 | | 0.0016 | 0.00023 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Bis(2-ethylhexyl) phthalate | <0.0079 | | 0.0079 | 0.0013 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Butyl benzyl phthalate | <0.0016 | | 0.0016 | 0.00038 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Carbazole | <0.0039 | | 0.0039 | 0.00028 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Chrysene | <0.00016 | | 0.00016 | 0.000053 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Dibenz(a,h)anthracene | <0.00024 | | 0.00024 | 0.000040 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Dibenzofuran | <0.0016 | | 0.0016 | 0.00021 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Diethyl phthalate | <0.0039 | | 0.0039 | 0.00028 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Dimethyl phthalate | <0.0039 | | 0.0039 | 0.00025 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Di-n-butyl phthalate | <0.0039 | | 0.0039 | 0.00057 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Di-n-octyl phthalate | <0.0079 | | 0.0079 | 0.00082 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Fluoranthene | <0.00079 | | 0.00079 | 0.00036 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Fluorene | <0.00079 | | 0.00079 | 0.00019 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Hexachlorobenzene | <0.00039 | | 0.00039 | 0.000062 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Hexachlorobutadiene | <0.0039 | | 0.0039 | 0.00040 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Hexachlorocyclopentadiene | <0.016 | | 0.016 | 0.0050 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Hexachloroethane | <0.0039 | | 0.0039 | 0.00047 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

**Client Sample ID: WW01**
**Date Collected: 12/13/23 10:00**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-1**
**Matrix: Water**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Indeno[1,2,3-cd]pyrene | <0.00016 | | 0.00016 | 0.000059 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Isophorone | <0.0016 | *- | 0.0016 | 0.00029 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Naphthalene | <0.00079 | | 0.00079 | 0.00024 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Nitrobenzene | <0.00079 | | 0.00079 | 0.00035 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| N-Nitrosodi-n-propylamine | <0.00039 | | 0.00039 | 0.00012 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| N-Nitrosodiphenylamine | <0.0016 | | 0.0016 | 0.00029 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Pentachlorophenol | <0.016 | | 0.016 | 0.0031 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Phenanthrene | <0.00079 | | 0.00079 | 0.00024 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Phenol | <0.0039 | *- | 0.0039 | 0.00053 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |
| Pyrene | <0.00079 | | 0.00079 | 0.00033 | mg/L | | 12/19/23 07:14 | 12/21/23 14:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *105* | | *40 - 145* | *12/19/23 07:14* | *12/21/23 14:13* | *1* |
| *2-Fluorobiphenyl (Surr)* | *79* | | *34 - 110* | *12/19/23 07:14* | *12/21/23 14:13* | *1* |
| *2-Fluorophenol (Surr)* | *42* | | *27 - 110* | *12/19/23 07:14* | *12/21/23 14:13* | *1* |
| *Nitrobenzene-d5 (Surr)* | *65* | | *36 - 120* | *12/19/23 07:14* | *12/21/23 14:13* | *1* |
| *Phenol-d5 (Surr)* | *27* | | *20 - 110* | *12/19/23 07:14* | *12/21/23 14:13* | *1* |
| *Terphenyl-d14 (Surr)* | *103* | | *40 - 145* | *12/19/23 07:14* | *12/21/23 14:13* | *1* |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | <0.000040 | | 0.000040 | 0.000031 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| 4,4'-DDE | <0.000040 | | 0.000040 | 0.000022 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| 4,4'-DDT | <0.000040 | | 0.000040 | 0.000032 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| Aldrin | <0.000040 | | 0.000040 | 0.000031 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| alpha-BHC | <0.000040 | | 0.000040 | 0.000014 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| cis-Chlordane | <0.000040 | | 0.000040 | 0.000028 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| beta-BHC | <0.000040 | | 0.000040 | 0.000028 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| delta-BHC | <0.000040 | | 0.000040 | 0.000024 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| Dieldrin | <0.000040 | | 0.000040 | 0.000024 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| Endosulfan I | <0.000040 | | 0.000040 | 0.000025 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| Endosulfan II | <0.000040 | | 0.000040 | 0.000038 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| Endosulfan sulfate | <0.000040 | | 0.000040 | 0.000020 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| Endrin | <0.000040 | | 0.000040 | 0.000027 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| Endrin aldehyde | <0.000040 | | 0.000040 | 0.000035 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| Endrin ketone | <0.000040 | | 0.000040 | 0.000039 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| gamma-BHC (Lindane) | <0.000040 | | 0.000040 | 0.000032 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| trans-Chlordane | <0.000040 | | 0.000040 | 0.000032 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| Heptachlor | <0.000040 | | 0.000040 | 0.000034 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| Heptachlor epoxide | <0.000040 | | 0.000040 | 0.000030 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| Methoxychlor | <0.000079 | | 0.000079 | 0.000065 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |
| Toxaphene | <0.00040 | | 0.00040 | 0.00039 | mg/L | | 12/19/23 16:29 | 12/20/23 18:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *65* | | *30 - 130* | *12/19/23 16:29* | *12/20/23 18:23* | *1* |
| *Tetrachloro-m-xylene* | *53* | | *30 - 120* | *12/19/23 16:29* | *12/20/23 18:23* | *1* |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | <0.00040 | | 0.00040 | 0.000066 | mg/L | | 12/19/23 16:29 | 12/20/23 15:39 | 1 |

## Client Sample ID: WW01
**Date Collected: 12/13/23 10:00**
**Date Received: 12/14/23 09:45**

## Lab Sample ID: 500-243876-1
**Matrix: Water**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1221 | <0.00040 | | 0.00040 | 0.00020 | mg/L | | 12/19/23 16:29 | 12/20/23 15:39 | 1 |
| PCB-1232 | <0.00040 | | 0.00040 | 0.00020 | mg/L | | 12/19/23 16:29 | 12/20/23 15:39 | 1 |
| PCB-1242 | <0.00040 | | 0.00040 | 0.00020 | mg/L | | 12/19/23 16:29 | 12/20/23 15:39 | 1 |
| PCB-1248 | <0.00040 | | 0.00040 | 0.00020 | mg/L | | 12/19/23 16:29 | 12/20/23 15:39 | 1 |
| PCB-1254 | <0.00040 | | 0.00040 | 0.00020 | mg/L | | 12/19/23 16:29 | 12/20/23 15:39 | 1 |
| PCB-1260 | <0.00040 | | 0.00040 | 0.000069 | mg/L | | 12/19/23 16:29 | 12/20/23 15:39 | 1 |
| Polychlorinated biphenyls, Total | <0.00040 | | 0.00040 | 0.00020 | mg/L | | 12/19/23 16:29 | 12/20/23 15:39 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *57* | | *30 - 120* | *12/19/23 16:29* | *12/20/23 15:39* | *1* |
| *DCB Decachlorobiphenyl* | *74* | | *30 - 140* | *12/19/23 16:29* | *12/20/23 15:39* | *1* |

### Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | <0.10 | | 0.10 | 0.025 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| Antimony | <0.0030 | | 0.0030 | 0.0013 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| **Arsenic** | **0.015** | | 0.0010 | 0.00023 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| **Barium** | **0.10** | | 0.0025 | 0.00073 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| Beryllium | <0.0010 | ^1+ | 0.0010 | 0.00053 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| Cadmium | <0.00050 | | 0.00050 | 0.00017 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| **Calcium** | **44** | **B** | 0.20 | 0.044 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| Chromium | <0.0050 | | 0.0050 | 0.0011 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| **Cobalt** | **0.00052** | **J** | 0.0010 | 0.00040 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| **Copper** | **0.0058** | | 0.0020 | 0.00050 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| **Iron** | **3.1** | | 0.10 | 0.047 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| **Lead** | **0.00055** | | 0.00050 | 0.00019 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| **Magnesium** | **22** | | 0.20 | 0.049 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| **Manganese** | **0.022** | | 0.0025 | 0.00079 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| Nickel | <0.0020 | | 0.0020 | 0.00063 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| **Potassium** | **3.1** | | 0.50 | 0.11 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| Selenium | <0.0025 | | 0.0025 | 0.00098 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| Silver | <0.00050 | | 0.00050 | 0.00012 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| **Sodium** | **62** | | 0.20 | 0.077 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| Thallium | <0.0020 | | 0.0020 | 0.00057 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| Vanadium | <0.0050 | | 0.0050 | 0.0022 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |
| **Zinc** | **0.029** | **B** | 0.020 | 0.0069 | mg/L | | 12/21/23 09:14 | 12/21/23 22:19 | 1 |

### Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.00020 | | 0.00020 | 0.000079 | mg/L | | 12/21/23 11:55 | 12/22/23 08:12 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total (SW846 9012B) | <0.0050 | | 0.0050 | 0.0036 | mg/L | | 12/21/23 11:35 | 12/22/23 13:38 | 1 |
| **pH (SW846 9040C)** | **7.5** | **HF** | 0.2 | 0.2 | SU | | | 12/20/23 12:00 | 1 |

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

**Client Sample ID: PSED 01**
**Date Collected: 12/13/23 09:41**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-2**
**Matrix: Solid**
**Percent Solids: 29.7**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Acetone** | **0.31** | | 0.082 | 0.036 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Benzene | <0.0082 | | 0.0082 | 0.0021 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Bromodichloromethane | <0.0082 | | 0.0082 | 0.0017 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Bromoform | <0.0082 | | 0.0082 | 0.0024 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Bromomethane | <0.021 | | 0.021 | 0.0078 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Carbon disulfide | <0.021 | | 0.021 | 0.0043 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Carbon tetrachloride | <0.0082 | | 0.0082 | 0.0024 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Chlorobenzene | <0.0082 | | 0.0082 | 0.0030 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Chloroethane | <0.021 | | 0.021 | 0.0061 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Chloroform | <0.0082 | | 0.0082 | 0.0029 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Chloromethane | <0.021 | | 0.021 | 0.0083 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| cis-1,2-Dichloroethene | <0.0082 | | 0.0082 | 0.0023 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| cis-1,3-Dichloropropene | <0.0082 | | 0.0082 | 0.0025 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Dibromochloromethane | <0.0082 | | 0.0082 | 0.0027 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| 1,1-Dichloroethane | <0.0082 | | 0.0082 | 0.0028 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| 1,2-Dichloroethane | <0.021 | | 0.021 | 0.0064 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| 1,1-Dichloroethene | <0.0082 | | 0.0082 | 0.0028 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| 1,2-Dichloropropane | <0.0082 | | 0.0082 | 0.0021 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| 1,3-Dichloropropene, Total | <0.0082 | | 0.0082 | 0.0029 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Ethylbenzene | <0.0082 | | 0.0082 | 0.0039 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| 2-Hexanone | <0.021 | | 0.021 | 0.0064 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Methylene Chloride | <0.021 | | 0.021 | 0.0081 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| **2-Butanone (MEK)** | **0.069** | | 0.021 | 0.0091 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| methyl isobutyl ketone | <0.021 | | 0.021 | 0.0061 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Methyl tert-butyl ether | <0.0082 | | 0.0082 | 0.0024 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Styrene | <0.0082 | | 0.0082 | 0.0025 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.0082 | | 0.0082 | 0.0026 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Tetrachloroethene | <0.0082 | | 0.0082 | 0.0028 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Toluene | <0.0082 | | 0.0082 | 0.0021 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| trans-1,2-Dichloroethene | <0.0082 | | 0.0082 | 0.0036 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| trans-1,3-Dichloropropene | <0.0082 | | 0.0082 | 0.0029 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| 1,1,1-Trichloroethane | <0.0082 | | 0.0082 | 0.0028 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| 1,1,2-Trichloroethane | <0.0082 | | 0.0082 | 0.0035 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Trichloroethene | <0.0082 | | 0.0082 | 0.0028 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Vinyl chloride | <0.0082 | | 0.0082 | 0.0036 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |
| Xylenes, Total | <0.016 | | 0.016 | 0.0026 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:35 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *75 - 131* | *12/14/23 17:24* | *12/18/23 15:35* | *1* |
| *Dibromofluoromethane (Surr)* | *116* | | *75 - 126* | *12/14/23 17:24* | *12/18/23 15:35* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *112* | | *70 - 134* | *12/14/23 17:24* | *12/18/23 15:35* | *1* |
| *Toluene-d8 (Surr)* | *106* | | *75 - 124* | *12/14/23 17:24* | *12/18/23 15:35* | *1* |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Phenol | <1.1 | | 1.1 | 0.094 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Bis(2-chloroethyl)ether | <1.1 | | 1.1 | 0.099 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 1,3-Dichlorobenzene | <1.1 | | 1.1 | 0.097 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 1,4-Dichlorobenzene | <1.1 | | 1.1 | 0.10 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 1,2-Dichlorobenzene | <1.1 | | 1.1 | 0.088 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

**Client Sample ID: PSED 01**
**Date Collected: 12/13/23 09:41**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-2**
**Matrix: Solid**
**Percent Solids: 29.7**

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylphenol | <1.1 | | 1.1 | 0.11 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2,2'-oxybis[1-chloropropane] | <1.1 | | 1.1 | 0.15 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| N-Nitrosodi-n-propylamine | <0.44 | | 0.44 | 0.043 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Hexachloroethane | <1.1 | | 1.1 | 0.11 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2-Chlorophenol | <1.1 | | 1.1 | 0.070 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Nitrobenzene | <0.21 | | 0.21 | 0.068 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Bis(2-chloroethoxy)methane | <1.1 | | 1.1 | 0.081 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 1,2,4-Trichlorobenzene | <1.1 | | 1.1 | 0.15 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Isophorone | <1.1 | | 1.1 | 0.11 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2,4-Dimethylphenol | <2.1 | | 2.1 | 0.48 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Hexachlorobutadiene | <1.1 | | 1.1 | 0.12 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Naphthalene | <0.21 | | 0.21 | 0.039 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2,4-Dichlorophenol | <2.1 | | 2.1 | 0.076 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 4-Chloroaniline | <4.4 | | 4.4 | 2.3 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2,4,6-Trichlorophenol | <2.1 | | 2.1 | 0.073 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2,4,5-Trichlorophenol | <2.1 | | 2.1 | 0.081 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Hexachlorocyclopentadiene | <4.4 | | 4.4 | 2.3 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2-Methylnaphthalene | <0.44 | | 0.44 | 0.043 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2-Nitroaniline | <1.1 | | 1.1 | 0.12 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2-Chloronaphthalene | <1.1 | | 1.1 | 0.081 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 4-Chloro-3-methylphenol | <2.1 | | 2.1 | 0.084 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2,6-Dinitrotoluene | <1.1 | | 1.1 | 0.073 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2-Nitrophenol | <2.1 | | 2.1 | 0.15 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 3-Nitroaniline | <2.1 | | 2.1 | 0.098 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Dimethyl phthalate | <1.1 | | 1.1 | 0.047 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2,4-Dinitrophenol | <4.4 | | 4.4 | 1.2 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Acenaphthylene | <0.21 | | 0.21 | 0.037 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 2,4-Dinitrotoluene | <1.1 | | 1.1 | 0.12 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Acenaphthene | <0.21 | | 0.21 | 0.044 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Dibenzofuran | <1.1 | | 1.1 | 0.077 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 4-Nitrophenol | <4.4 | | 4.4 | 0.80 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Fluorene | <0.21 | | 0.21 | 0.064 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 4-Nitroaniline | <2.1 | | 2.1 | 0.16 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 4-Bromophenyl phenyl ether | <1.1 | | 1.1 | 0.15 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Hexachlorobenzene | <0.44 | | 0.44 | 0.041 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Diethyl phthalate | <1.1 | | 1.1 | 0.099 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 4-Chlorophenyl phenyl ether | <1.1 | | 1.1 | 0.28 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Pentachlorophenol | <4.4 | | 4.4 | 0.54 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| N-Nitrosodiphenylamine | <1.1 | | 1.1 | 0.13 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 4,6-Dinitro-2-methylphenol | <4.4 | | 4.4 | 1.2 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Phenanthrene | <0.21 | | 0.21 | 0.047 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Anthracene | <0.21 | | 0.21 | 0.044 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Carbazole | <1.1 | | 1.1 | 0.085 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Di-n-butyl phthalate | <1.1 | | 1.1 | 0.068 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Fluoranthene | <0.21 | | 0.21 | 0.050 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Pyrene | <0.21 | | 0.21 | 0.059 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Butyl benzyl phthalate | <1.1 | | 1.1 | 0.11 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Benzo[a]anthracene | <0.21 | | 0.21 | 0.046 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Chrysene | <0.21 | | 0.21 | 0.057 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |

**Client Sample ID: PSED 01**
**Date Collected: 12/13/23 09:41**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-2**
**Matrix: Solid**
**Percent Solids: 29.7**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <1.1 | | 1.1 | 0.18 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Bis(2-ethylhexyl) phthalate | <1.1 | | 1.1 | 0.84 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Di-n-octyl phthalate | <2.1 | | 2.1 | 1.5 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Benzo[b]fluoranthene | <0.21 | | 0.21 | 0.21 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Benzo[k]fluoranthene | <0.21 | | 0.21 | 0.082 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Benzo[a]pyrene | <0.21 | | 0.21 | 0.21 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Indeno[1,2,3-cd]pyrene | <0.21 | | 0.21 | 0.21 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Dibenz(a,h)anthracene | <0.21 | | 0.21 | 0.21 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| Benzo[g,h,i]perylene | <0.21 | | 0.21 | 0.047 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |
| 3 & 4 Methylphenol | <1.1 | | 1.1 | 0.16 | mg/Kg | ☼ | 12/27/23 08:10 | 12/28/23 13:04 | 2 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorophenol (Surr)* | *77* | | *31 - 166* | *12/27/23 08:10* | *12/28/23 13:04* | *2* |
| *Phenol-d5 (Surr)* | *73* | | *30 - 153* | *12/27/23 08:10* | *12/28/23 13:04* | *2* |
| *Nitrobenzene-d5 (Surr)* | *67* | | *37 - 147* | *12/27/23 08:10* | *12/28/23 13:04* | *2* |
| *2-Fluorobiphenyl (Surr)* | *75* | | *43 - 145* | *12/27/23 08:10* | *12/28/23 13:04* | *2* |
| *2,4,6-Tribromophenol (Surr)* | *39* | | *31 - 143* | *12/27/23 08:10* | *12/28/23 13:04* | *2* |
| *Terphenyl-d14 (Surr)* | *86* | | *42 - 157* | *12/27/23 08:10* | *12/28/23 13:04* | *2* |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aldrin | <0.016 | | 0.016 | 0.011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| alpha-BHC | <0.016 | | 0.016 | 0.0091 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| cis-Chlordane | <0.016 | | 0.016 | 0.0086 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| beta-BHC | <0.016 | | 0.016 | 0.013 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| 4,4'-DDD | <0.016 | | 0.016 | 0.0087 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| 4,4'-DDE | <0.016 | | 0.016 | 0.0083 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| 4,4'-DDT | <0.016 | | 0.016 | 0.0077 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| delta-BHC | <0.016 | | 0.016 | 0.0077 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| Dieldrin | <0.016 | | 0.016 | 0.0084 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| Endosulfan I | <0.016 | | 0.016 | 0.0087 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| Endosulfan II | <0.016 | | 0.016 | 0.0089 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| Endosulfan sulfate | <0.016 | | 0.016 | 0.0089 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| Endrin | <0.016 | | 0.016 | 0.0082 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| Endrin aldehyde | <0.016 | | 0.016 | 0.0092 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| Endrin ketone | <0.016 | | 0.016 | 0.0079 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| gamma-BHC (Lindane) | <0.016 | | 0.016 | 0.0080 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| trans-Chlordane | <0.016 | | 0.016 | 0.0093 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| Heptachlor | <0.016 | | 0.016 | 0.0087 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| Heptachlor epoxide | <0.016 | | 0.016 | 0.0087 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| Methoxychlor | <0.079 | | 0.079 | 0.011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |
| Toxaphene | <0.16 | | 0.16 | 0.065 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *56* | | *33 - 148* | *12/21/23 07:37* | *12/22/23 10:46* | *1* |
| *Tetrachloro-m-xylene* | *50* | | *30 - 121* | *12/21/23 07:37* | *12/22/23 10:46* | *1* |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | <0.16 | | 0.16 | 0.063 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:15 | 1 |

## Client Sample ID: PSED 01

**Date Collected: 12/13/23 09:41**
**Date Received: 12/14/23 09:45**

## Lab Sample ID: 500-243876-2

**Matrix: Solid**
**Percent Solids: 29.7**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1221 | <0.16 | | 0.16 | 0.063 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:15 | 1 |
| PCB-1232 | <0.16 | | 0.16 | 0.043 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:15 | 1 |
| PCB-1242 | <0.16 | | 0.16 | 0.062 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:15 | 1 |
| PCB-1248 | <0.16 | | 0.16 | 0.076 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:15 | 1 |
| PCB-1254 | <0.16 | | 0.16 | 0.054 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:15 | 1 |
| PCB-1260 | <0.16 | | 0.16 | 0.060 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:15 | 1 |
| Polychlorinated biphenyls, Total | <0.16 | | 0.16 | 0.043 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:15 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *62* | | *49 - 129* | *12/21/23 07:37* | *12/22/23 18:15* | *1* |
| *DCB Decachlorobiphenyl* | *60* | | *37 - 121* | *12/21/23 07:37* | *12/22/23 18:15* | *1* |

### Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **15000** | | 65 | 27 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:41 | 1 |
| Antimony | <6.5 | | 6.5 | 1.3 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Arsenic** | **2.4** | **J** | 3.3 | 1.1 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Barium** | **130** | | 3.3 | 0.37 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Beryllium** | **0.71** | **J** | 1.3 | 0.30 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Cadmium** | **0.31** | **J B** | 0.65 | 0.12 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Calcium** | **60000** | **B** | 65 | 11 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Chromium** | **17** | | 3.3 | 1.6 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Cobalt** | **6.5** | | 1.6 | 0.43 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Copper** | **23** | | 3.3 | 0.91 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Iron** | **15000** | | 65 | 34 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Lead** | **11** | | 1.6 | 0.75 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Magnesium** | **6100** | **B** | 33 | 16 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Manganese** | **230** | | 3.3 | 0.47 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Nickel** | **14** | | 3.3 | 0.95 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Potassium** | **1900** | | 160 | 58 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| Selenium | <3.3 | | 3.3 | 1.9 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| Silver | <1.6 | | 1.6 | 0.42 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:41 | 1 |
| **Sodium** | **84** | **J** | 330 | 48 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| Thallium | <3.3 | | 3.3 | 1.6 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:41 | 1 |
| **Vanadium** | **28** | | 1.6 | 0.38 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |
| **Zinc** | **52** | | 6.5 | 2.9 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:21 | 1 |

### Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.052 | | 0.052 | 0.028 | mg/Kg | ☼ | 12/28/23 12:45 | 12/29/23 08:13 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total (SW846 9012B) | <0.76 | H *+ | 0.76 | 0.38 | mg/Kg | ☼ | 12/22/23 10:25 | 12/28/23 23:27 | 1 |
| **pH (SW846 9045D)** | **7.0** | | 0.2 | 0.2 | SU | | | 12/20/23 12:14 | 1 |

**Client Sample ID: SS-1**
**Date Collected: 12/13/23 10:09**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-3**
**Matrix: Solid**
**Percent Solids: 78.1**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.028 | | 0.028 | 0.012 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Benzene | <0.0028 | | 0.0028 | 0.00071 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Bromodichloromethane | <0.0028 | | 0.0028 | 0.00056 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Bromoform | <0.0028 | | 0.0028 | 0.00081 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Bromomethane | <0.0069 | | 0.0069 | 0.0026 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Carbon disulfide | <0.0069 | | 0.0069 | 0.0014 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Carbon tetrachloride | <0.0028 | | 0.0028 | 0.00080 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Chlorobenzene | <0.0028 | | 0.0028 | 0.0010 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Chloroethane | <0.0069 | | 0.0069 | 0.0021 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Chloroform | <0.0028 | | 0.0028 | 0.00096 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Chloromethane | <0.0069 | | 0.0069 | 0.0028 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| cis-1,2-Dichloroethene | <0.0028 | | 0.0028 | 0.00078 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| cis-1,3-Dichloropropene | <0.0028 | | 0.0028 | 0.00084 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Dibromochloromethane | <0.0028 | | 0.0028 | 0.00091 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| 1,1-Dichloroethane | <0.0028 | | 0.0028 | 0.00095 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| 1,2-Dichloroethane | <0.0069 | | 0.0069 | 0.0022 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| 1,1-Dichloroethene | <0.0028 | | 0.0028 | 0.00095 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| 1,2-Dichloropropane | <0.0028 | | 0.0028 | 0.00072 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| 1,3-Dichloropropene, Total | <0.0028 | | 0.0028 | 0.00097 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Ethylbenzene | <0.0028 | | 0.0028 | 0.0013 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| 2-Hexanone | <0.0069 | | 0.0069 | 0.0022 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Methylene Chloride | <0.0069 | | 0.0069 | 0.0027 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| 2-Butanone (MEK) | <0.0069 | | 0.0069 | 0.0031 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| methyl isobutyl ketone | <0.0069 | | 0.0069 | 0.0021 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Methyl tert-butyl ether | <0.0028 | | 0.0028 | 0.00081 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Styrene | <0.0028 | | 0.0028 | 0.00084 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.0028 | | 0.0028 | 0.00089 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Tetrachloroethene | <0.0028 | | 0.0028 | 0.00095 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Toluene | <0.0028 | | 0.0028 | 0.00070 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| trans-1,2-Dichloroethene | <0.0028 | | 0.0028 | 0.0012 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| trans-1,3-Dichloropropene | <0.0028 | | 0.0028 | 0.00097 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| 1,1,1-Trichloroethane | <0.0028 | | 0.0028 | 0.00093 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| 1,1,2-Trichloroethane | <0.0028 | | 0.0028 | 0.0012 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Trichloroethene | <0.0028 | | 0.0028 | 0.00094 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Vinyl chloride | <0.0028 | | 0.0028 | 0.0012 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |
| Xylenes, Total | <0.0056 | | 0.0056 | 0.00089 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 15:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *116* | | *75 - 131* | *12/14/23 17:24* | *12/18/23 15:59* | *1* |
| *Dibromofluoromethane (Surr)* | *118* | | *75 - 126* | *12/14/23 17:24* | *12/18/23 15:59* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *115* | | *70 - 134* | *12/14/23 17:24* | *12/18/23 15:59* | *1* |
| *Toluene-d8 (Surr)* | *112* | | *75 - 124* | *12/14/23 17:24* | *12/18/23 15:59* | *1* |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Phenol | <0.21 | | 0.21 | 0.018 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Bis(2-chloroethyl)ether | <0.21 | | 0.21 | 0.019 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 1,3-Dichlorobenzene | <0.21 | | 0.21 | 0.019 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 1,4-Dichlorobenzene | <0.21 | | 0.21 | 0.019 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 1,2-Dichlorobenzene | <0.21 | | 0.21 | 0.017 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |

**Client Sample ID: SS-1**
**Date Collected: 12/13/23 10:09**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-3**
**Matrix: Solid**
**Percent Solids: 78.1**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylphenol | <0.21 | | 0.21 | 0.022 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 2,2'-oxybis[1-chloropropane] | <0.21 | | 0.21 | 0.029 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| N-Nitrosodi-n-propylamine | <0.083 | | 0.083 | 0.0081 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Hexachloroethane | <0.21 | | 0.21 | 0.021 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 2-Chlorophenol | <0.21 | | 0.21 | 0.013 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Nitrobenzene | <0.041 | | 0.041 | 0.013 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Bis(2-chloroethoxy)methane | <0.21 | | 0.21 | 0.015 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 1,2,4-Trichlorobenzene | <0.21 | | 0.21 | 0.029 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Isophorone | <0.21 | | 0.21 | 0.021 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 2,4-Dimethylphenol | <0.41 | | 0.41 | 0.092 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Hexachlorobutadiene | <0.21 | | 0.21 | 0.023 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Naphthalene** | **0.027** | **J** | 0.041 | 0.0074 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 2,4-Dichlorophenol | <0.41 | | 0.41 | 0.014 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 4-Chloroaniline | <0.83 | | 0.83 | 0.43 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 2,4,6-Trichlorophenol | <0.41 | | 0.41 | 0.014 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 2,4,5-Trichlorophenol | <0.41 | | 0.41 | 0.015 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Hexachlorocyclopentadiene | <0.83 | | 0.83 | 0.44 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **2-Methylnaphthalene** | **0.0084** | **J** | 0.083 | 0.0082 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 2-Nitroaniline | <0.21 | | 0.21 | 0.022 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 2-Chloronaphthalene | <0.21 | | 0.21 | 0.015 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 4-Chloro-3-methylphenol | <0.41 | | 0.41 | 0.016 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 2,6-Dinitrotoluene | <0.21 | | 0.21 | 0.014 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 2-Nitrophenol | <0.41 | | 0.41 | 0.028 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 3-Nitroaniline | <0.41 | | 0.41 | 0.019 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Dimethyl phthalate | <0.21 | | 0.21 | 0.0089 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 2,4-Dinitrophenol | <0.83 | | 0.83 | 0.24 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Acenaphthylene | <0.041 | | 0.041 | 0.0070 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 2,4-Dinitrotoluene | <0.21 | | 0.21 | 0.023 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Acenaphthene | <0.041 | | 0.041 | 0.0084 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Dibenzofuran | <0.21 | | 0.21 | 0.015 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 4-Nitrophenol | <0.83 | | 0.83 | 0.15 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Fluorene | <0.041 | | 0.041 | 0.012 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 4-Nitroaniline | <0.41 | | 0.41 | 0.030 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 4-Bromophenyl phenyl ether | <0.21 | | 0.21 | 0.028 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Hexachlorobenzene | <0.083 | | 0.083 | 0.0079 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Diethyl phthalate | <0.21 | | 0.21 | 0.019 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 4-Chlorophenyl phenyl ether | <0.21 | | 0.21 | 0.054 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Pentachlorophenol | <0.83 | | 0.83 | 0.10 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| N-Nitrosodiphenylamine | <0.21 | | 0.21 | 0.024 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 4,6-Dinitro-2-methylphenol | <0.83 | | 0.83 | 0.23 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Phenanthrene** | **0.059** | | 0.041 | 0.0089 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Anthracene** | **0.013** | **J** | 0.041 | 0.0084 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Carbazole | <0.21 | | 0.21 | 0.016 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Di-n-butyl phthalate | <0.21 | | 0.21 | 0.013 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Fluoranthene** | **0.25** | | 0.041 | 0.0095 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Pyrene** | **0.21** | | 0.041 | 0.011 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Butyl benzyl phthalate | <0.21 | | 0.21 | 0.020 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Benzo[a]anthracene** | **0.089** | | 0.041 | 0.0087 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Chrysene** | **0.23** | | 0.041 | 0.011 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |

**Client Sample ID: SS-1**
**Date Collected: 12/13/23 10:09**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-3**
**Matrix: Solid**
**Percent Solids: 78.1**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <0.21 | | 0.21 | 0.034 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Bis(2-ethylhexyl) phthalate | <0.21 | | 0.21 | 0.16 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| Di-n-octyl phthalate | <0.41 | | 0.41 | 0.29 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Benzo[b]fluoranthene** | **0.30** | | 0.041 | 0.039 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Benzo[k]fluoranthene** | **0.096** | | 0.041 | 0.016 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Benzo[a]pyrene** | **0.11** | | 0.041 | 0.040 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Indeno[1,2,3-cd]pyrene** | **0.11** | | 0.041 | 0.040 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Dibenz(a,h)anthracene** | **0.041** | | 0.041 | 0.041 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| **Benzo[g,h,i]perylene** | **0.081** | | 0.041 | 0.0089 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |
| 3 & 4 Methylphenol | <0.21 | | 0.21 | 0.030 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:21 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorophenol (Surr)* | *72* | | *31 - 166* | *12/27/23 08:10* | *12/27/23 23:21* | *1* |
| *Phenol-d5 (Surr)* | *71* | | *30 - 153* | *12/27/23 08:10* | *12/27/23 23:21* | *1* |
| *Nitrobenzene-d5 (Surr)* | *72* | | *37 - 147* | *12/27/23 08:10* | *12/27/23 23:21* | *1* |
| *2-Fluorobiphenyl (Surr)* | *70* | | *43 - 145* | *12/27/23 08:10* | *12/27/23 23:21* | *1* |
| *2,4,6-Tribromophenol (Surr)* | *72* | | *31 - 143* | *12/27/23 08:10* | *12/27/23 23:21* | *1* |
| *Terphenyl-d14 (Surr)* | *85* | | *42 - 157* | *12/27/23 08:10* | *12/27/23 23:21* | *1* |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aldrin | <0.0021 | | 0.0021 | 0.0015 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| alpha-BHC | <0.0021 | | 0.0021 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| cis-Chlordane | <0.0021 | | 0.0021 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| beta-BHC | <0.0021 | | 0.0021 | 0.0017 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| 4,4'-DDD | <0.0021 | | 0.0021 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| **4,4'-DDE** | **0.0021** | | 0.0021 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| **4,4'-DDT** | **0.0038** | | 0.0021 | 0.0010 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| delta-BHC | <0.0021 | | 0.0021 | 0.0010 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| Dieldrin | <0.0021 | | 0.0021 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| Endosulfan I | <0.0021 | | 0.0021 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| Endosulfan II | <0.0021 | | 0.0021 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| Endosulfan sulfate | <0.0021 | | 0.0021 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| Endrin | <0.0021 | | 0.0021 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| Endrin aldehyde | <0.0021 | | 0.0021 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| Endrin ketone | <0.0021 | | 0.0021 | 0.0010 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| gamma-BHC (Lindane) | <0.0021 | | 0.0021 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| trans-Chlordane | <0.0021 | | 0.0021 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| Heptachlor | <0.0021 | | 0.0021 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| Heptachlor epoxide | <0.0021 | | 0.0021 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| Methoxychlor | <0.010 | | 0.010 | 0.0014 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |
| Toxaphene | <0.021 | | 0.021 | 0.0085 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 10:57 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *110* | | *33 - 148* | *12/21/23 07:37* | *12/22/23 10:57* | *1* |
| *Tetrachloro-m-xylene* | *57* | | *30 - 121* | *12/21/23 07:37* | *12/22/23 10:57* | *1* |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | <0.021 | | 0.021 | 0.0082 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:30 | 1 |

## Client Sample ID: SS-1

**Date Collected: 12/13/23 10:09**
**Date Received: 12/14/23 09:45**

## Lab Sample ID: 500-243876-3

**Matrix: Solid**
**Percent Solids: 78.1**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1221 | <0.021 | | 0.021 | 0.0082 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:30 | 1 |
| PCB-1232 | <0.021 | | 0.021 | 0.0057 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:30 | 1 |
| PCB-1242 | <0.021 | | 0.021 | 0.0081 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:30 | 1 |
| PCB-1248 | <0.021 | | 0.021 | 0.0099 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:30 | 1 |
| PCB-1254 | <0.021 | | 0.021 | 0.0071 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:30 | 1 |
| PCB-1260 | <0.021 | | 0.021 | 0.0079 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:30 | 1 |
| Polychlorinated biphenyls, Total | <0.021 | | 0.021 | 0.0057 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:30 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *56* | | *49 - 129* | *12/21/23 07:37* | *12/22/23 18:30* | *1* |
| *DCB Decachlorobiphenyl* | *62* | | *37 - 121* | *12/21/23 07:37* | *12/22/23 18:30* | *1* |

### Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **12000** | | 23 | 9.5 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:45 | 1 |
| Antimony | <2.3 | | 2.3 | 0.45 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Arsenic** | **6.5** | | 1.2 | 0.40 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Barium** | **150** | | 1.2 | 0.13 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Beryllium** | **0.76** | | 0.47 | 0.11 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Cadmium** | **0.35** | **B** | 0.23 | 0.042 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Calcium** | **10000** | **B** | 23 | 4.0 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Chromium** | **17** | | 1.2 | 0.58 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Cobalt** | **11** | | 0.58 | 0.15 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Copper** | **18** | | 1.2 | 0.33 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Iron** | **20000** | | 23 | 12 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Lead** | **61** | | 0.58 | 0.27 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Magnesium** | **5600** | **B** | 12 | 5.8 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Manganese** | **850** | | 1.2 | 0.17 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Nickel** | **15** | | 1.2 | 0.34 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Potassium** | **2100** | | 58 | 21 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| Selenium | <1.2 | | 1.2 | 0.69 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| Silver | <0.58 | | 0.58 | 0.15 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:45 | 1 |
| **Sodium** | **61** | **J** | 120 | 17 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| Thallium | <1.2 | | 1.2 | 0.58 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:45 | 1 |
| **Vanadium** | **27** | | 0.58 | 0.14 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |
| **Zinc** | **110** | | 2.3 | 1.0 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:24 | 1 |

### Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.022** | | 0.020 | 0.011 | mg/Kg | ☼ | 12/28/23 12:45 | 12/29/23 08:15 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total (SW846 9012B) | <0.28 | H *+ | 0.28 | 0.14 | mg/Kg | ☼ | 12/22/23 10:25 | 12/28/23 23:28 | 1 |
| **pH (SW846 9045D)** | **7.3** | | 0.2 | 0.2 | SU | | | 12/20/23 15:51 | 1 |

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

**Client Sample ID: SS-2**
**Date Collected: 12/13/23 10:21**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-4**
**Matrix: Solid**
**Percent Solids: 82.5**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.028 | | 0.028 | 0.012 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Benzene | <0.0028 | | 0.0028 | 0.00071 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Bromodichloromethane | <0.0028 | | 0.0028 | 0.00057 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Bromoform | <0.0028 | | 0.0028 | 0.00082 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Bromomethane | <0.0070 | | 0.0070 | 0.0026 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Carbon disulfide | <0.0070 | | 0.0070 | 0.0015 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Carbon tetrachloride | <0.0028 | | 0.0028 | 0.00081 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Chlorobenzene | <0.0028 | | 0.0028 | 0.0010 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Chloroethane | <0.0070 | | 0.0070 | 0.0021 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Chloroform | <0.0028 | | 0.0028 | 0.00097 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Chloromethane | <0.0070 | | 0.0070 | 0.0028 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| cis-1,2-Dichloroethene | <0.0028 | | 0.0028 | 0.00078 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| cis-1,3-Dichloropropene | <0.0028 | | 0.0028 | 0.00084 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Dibromochloromethane | <0.0028 | | 0.0028 | 0.00091 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| 1,1-Dichloroethane | <0.0028 | | 0.0028 | 0.00096 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| 1,2-Dichloroethane | <0.0070 | | 0.0070 | 0.0022 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| 1,1-Dichloroethene | <0.0028 | | 0.0028 | 0.00096 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| 1,2-Dichloropropane | <0.0028 | | 0.0028 | 0.00072 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| 1,3-Dichloropropene, Total | <0.0028 | | 0.0028 | 0.00098 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Ethylbenzene | <0.0028 | | 0.0028 | 0.0013 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| 2-Hexanone | <0.0070 | | 0.0070 | 0.0022 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Methylene Chloride | <0.0070 | | 0.0070 | 0.0028 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| 2-Butanone (MEK) | <0.0070 | | 0.0070 | 0.0031 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| methyl isobutyl ketone | <0.0070 | | 0.0070 | 0.0021 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Methyl tert-butyl ether | <0.0028 | | 0.0028 | 0.00082 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Styrene | <0.0028 | | 0.0028 | 0.00084 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.0028 | | 0.0028 | 0.00089 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Tetrachloroethene | <0.0028 | | 0.0028 | 0.00095 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Toluene | <0.0028 | | 0.0028 | 0.00071 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| trans-1,2-Dichloroethene | <0.0028 | | 0.0028 | 0.0012 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| trans-1,3-Dichloropropene | <0.0028 | | 0.0028 | 0.00098 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| 1,1,1-Trichloroethane | <0.0028 | | 0.0028 | 0.00094 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| 1,1,2-Trichloroethane | <0.0028 | | 0.0028 | 0.0012 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Trichloroethene | <0.0028 | | 0.0028 | 0.00095 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Vinyl chloride | <0.0028 | | 0.0028 | 0.0012 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |
| Xylenes, Total | <0.0056 | | 0.0056 | 0.00089 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:24 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *114* | | *75 - 131* | *12/14/23 17:24* | *12/18/23 16:24* | *1* |
| *Dibromofluoromethane (Surr)* | *115* | | *75 - 126* | *12/14/23 17:24* | *12/18/23 16:24* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *70 - 134* | *12/14/23 17:24* | *12/18/23 16:24* | *1* |
| *Toluene-d8 (Surr)* | *106* | | *75 - 124* | *12/14/23 17:24* | *12/18/23 16:24* | *1* |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Phenol | <0.19 | | 0.19 | 0.017 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Bis(2-chloroethyl)ether | <0.19 | | 0.19 | 0.018 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 1,3-Dichlorobenzene | <0.19 | F1 | 0.19 | 0.017 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 1,4-Dichlorobenzene | <0.19 | F1 | 0.19 | 0.018 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 1,2-Dichlorobenzene | <0.19 | F1 | 0.19 | 0.015 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

**Client Sample ID: SS-2**
**Date Collected: 12/13/23 10:21**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-4**
**Matrix: Solid**
**Percent Solids: 82.5**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylphenol | <0.19 | | 0.19 | 0.020 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2,2'-oxybis[1-chloropropane] | <0.19 | | 0.19 | 0.027 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| N-Nitrosodi-n-propylamine | <0.077 | | 0.077 | 0.0075 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Hexachloroethane | <0.19 | F1 | 0.19 | 0.019 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2-Chlorophenol | <0.19 | F1 | 0.19 | 0.012 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Nitrobenzene | <0.038 | | 0.038 | 0.012 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Bis(2-chloroethoxy)methane | <0.19 | | 0.19 | 0.014 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 1,2,4-Trichlorobenzene | <0.19 | F1 | 0.19 | 0.027 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Isophorone | <0.19 | | 0.19 | 0.020 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2,4-Dimethylphenol | <0.38 | | 0.38 | 0.085 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Hexachlorobutadiene | <0.19 | F1 | 0.19 | 0.021 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Naphthalene | <0.038 | F1 | 0.038 | 0.0069 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2,4-Dichlorophenol | <0.38 | | 0.38 | 0.013 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 4-Chloroaniline | <0.77 | | 0.77 | 0.40 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2,4,6-Trichlorophenol | <0.38 | | 0.38 | 0.013 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2,4,5-Trichlorophenol | <0.38 | | 0.38 | 0.014 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Hexachlorocyclopentadiene | <0.77 | | 0.77 | 0.40 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2-Methylnaphthalene | <0.077 | F1 | 0.077 | 0.0076 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2-Nitroaniline | <0.19 | | 0.19 | 0.020 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2-Chloronaphthalene | <0.19 | F1 | 0.19 | 0.014 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 4-Chloro-3-methylphenol | <0.38 | | 0.38 | 0.015 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2,6-Dinitrotoluene | <0.19 | F1 | 0.19 | 0.013 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2-Nitrophenol | <0.38 | | 0.38 | 0.026 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 3-Nitroaniline | <0.38 | | 0.38 | 0.017 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Dimethyl phthalate | <0.19 | F1 | 0.19 | 0.0083 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2,4-Dinitrophenol | <0.77 | | 0.77 | 0.22 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Acenaphthylene | <0.038 | F1 | 0.038 | 0.0065 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 2,4-Dinitrotoluene | <0.19 | | 0.19 | 0.022 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Acenaphthene | <0.038 | | 0.038 | 0.0077 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Dibenzofuran | <0.19 | F1 | 0.19 | 0.014 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 4-Nitrophenol | <0.77 | | 0.77 | 0.14 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Fluorene | <0.038 | | 0.038 | 0.011 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 4-Nitroaniline | <0.38 | | 0.38 | 0.028 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 4-Bromophenyl phenyl ether | <0.19 | F1 | 0.19 | 0.026 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Hexachlorobenzene | <0.077 | | 0.077 | 0.0073 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Diethyl phthalate | <0.19 | | 0.19 | 0.017 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 4-Chlorophenyl phenyl ether | <0.19 | F1 | 0.19 | 0.050 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Pentachlorophenol | <0.77 | | 0.77 | 0.095 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| N-Nitrosodiphenylamine | <0.19 | | 0.19 | 0.023 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 4,6-Dinitro-2-methylphenol | <0.77 | | 0.77 | 0.21 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Phenanthrene | <0.038 | | 0.038 | 0.0083 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Anthracene | <0.038 | | 0.038 | 0.0078 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Carbazole | <0.19 | | 0.19 | 0.015 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Di-n-butyl phthalate | <0.19 | | 0.19 | 0.012 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Fluoranthene | <0.038 | | 0.038 | 0.0088 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Pyrene | <0.038 | | 0.038 | 0.010 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Butyl benzyl phthalate | <0.19 | | 0.19 | 0.019 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| **Benzo[a]anthracene** | **0.011** | **J** | 0.038 | 0.0081 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Chrysene | <0.038 | | 0.038 | 0.010 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |

**Client Sample ID: SS-2**
**Date Collected: 12/13/23 10:21**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-4**
**Matrix: Solid**
**Percent Solids: 82.5**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <0.19 | | 0.19 | 0.031 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Bis(2-ethylhexyl) phthalate | <0.19 | | 0.19 | 0.15 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Di-n-octyl phthalate | <0.38 | | 0.38 | 0.27 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Benzo[b]fluoranthene | <0.038 | | 0.038 | 0.036 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Benzo[k]fluoranthene | <0.038 | | 0.038 | 0.014 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Benzo[a]pyrene | <0.038 | | 0.038 | 0.037 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.038 | | 0.038 | 0.037 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Dibenz(a,h)anthracene | <0.038 | | 0.038 | 0.038 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| Benzo[g,h,i]perylene | <0.038 | | 0.038 | 0.0082 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |
| 3 & 4 Methylphenol | <0.19 | | 0.19 | 0.028 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 22:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorophenol (Surr)* | *59* | | *31 - 166* | *12/27/23 08:10* | *12/27/23 22:07* | *1* |
| *Phenol-d5 (Surr)* | *60* | | *30 - 153* | *12/27/23 08:10* | *12/27/23 22:07* | *1* |
| *Nitrobenzene-d5 (Surr)* | *57* | | *37 - 147* | *12/27/23 08:10* | *12/27/23 22:07* | *1* |
| *2-Fluorobiphenyl (Surr)* | *60* | | *43 - 145* | *12/27/23 08:10* | *12/27/23 22:07* | *1* |
| *2,4,6-Tribromophenol (Surr)* | *59* | | *31 - 143* | *12/27/23 08:10* | *12/27/23 22:07* | *1* |
| *Terphenyl-d14 (Surr)* | *73* | | *42 - 157* | *12/27/23 08:10* | *12/27/23 22:07* | *1* |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aldrin | <0.0020 | | 0.0020 | 0.0014 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| alpha-BHC | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| cis-Chlordane | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| beta-BHC | <0.0020 | | 0.0020 | 0.0016 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| 4,4'-DDD | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| 4,4'-DDE | <0.0020 | | 0.0020 | 0.0010 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| 4,4'-DDT | <0.0020 | | 0.0020 | 0.00094 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| delta-BHC | <0.0020 | | 0.0020 | 0.00095 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| Dieldrin | <0.0020 | | 0.0020 | 0.0010 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| Endosulfan I | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| Endosulfan II | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| Endosulfan sulfate | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| Endrin | <0.0020 | | 0.0020 | 0.0010 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| Endrin aldehyde | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| Endrin ketone | <0.0020 | | 0.0020 | 0.00096 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| gamma-BHC (Lindane) | <0.0020 | | 0.0020 | 0.00099 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| trans-Chlordane | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| Heptachlor | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| Heptachlor epoxide | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| Methoxychlor | <0.0097 | | 0.0097 | 0.0013 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |
| Toxaphene | <0.020 | | 0.020 | 0.0079 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *72* | | *33 - 148* | *12/21/23 07:37* | *12/22/23 11:09* | *1* |
| *Tetrachloro-m-xylene* | *61* | | *30 - 121* | *12/21/23 07:37* | *12/22/23 11:09* | *1* |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | <0.020 | | 0.020 | 0.0077 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:45 | 1 |

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

## Client Sample ID: SS-2

**Date Collected: 12/13/23 10:21**
**Date Received: 12/14/23 09:45**

## Lab Sample ID: 500-243876-4

**Matrix: Solid**
**Percent Solids: 82.5**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1221 | <0.020 | | 0.020 | 0.0077 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:45 | 1 |
| PCB-1232 | <0.020 | | 0.020 | 0.0053 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:45 | 1 |
| PCB-1242 | <0.020 | | 0.020 | 0.0076 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:45 | 1 |
| PCB-1248 | <0.020 | | 0.020 | 0.0093 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:45 | 1 |
| PCB-1254 | <0.020 | | 0.020 | 0.0066 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:45 | 1 |
| PCB-1260 | <0.020 | | 0.020 | 0.0074 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:45 | 1 |
| Polychlorinated biphenyls, Total | <0.020 | | 0.020 | 0.0053 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 18:45 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *52* | | *49 - 129* | *12/21/23 07:37* | *12/22/23 18:45* | *1* |
| *DCB Decachlorobiphenyl* | *53* | | *37 - 121* | *12/21/23 07:37* | *12/22/23 18:45* | *1* |

### Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **14000** | | 22 | 9.1 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:48 | 1 |
| Antimony | <2.2 | | 2.2 | 0.43 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Arsenic** | **4.7** | | 1.1 | 0.38 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Barium** | **76** | | 1.1 | 0.13 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Beryllium** | **0.77** | | 0.45 | 0.10 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Cadmium** | **0.093** | **J B** | 0.22 | 0.040 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Calcium** | **4300** | **B** | 22 | 3.8 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Chromium** | **18** | | 1.1 | 0.55 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Cobalt** | **8.7** | | 0.56 | 0.15 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Copper** | **18** | | 1.1 | 0.31 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Iron** | **16000** | | 22 | 12 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Lead** | **11** | | 0.56 | 0.26 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Magnesium** | **4200** | **B** | 11 | 5.5 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Manganese** | **360** | | 1.1 | 0.16 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Nickel** | **17** | | 1.1 | 0.32 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Potassium** | **2000** | | 56 | 20 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| Selenium | <1.1 | | 1.1 | 0.66 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| Silver | <0.56 | | 0.56 | 0.14 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:48 | 1 |
| **Sodium** | **36** | **J** | 110 | 17 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| Thallium | <1.1 | | 1.1 | 0.56 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:48 | 1 |
| **Vanadium** | **28** | | 0.56 | 0.13 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |
| **Zinc** | **40** | | 2.2 | 0.98 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:28 | 1 |

### Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.029** | | 0.019 | 0.010 | mg/Kg | ☼ | 12/28/23 12:45 | 12/29/23 08:21 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total (SW846 9012B) | <0.28 | H F2 F1 *+ | 0.28 | 0.14 | mg/Kg | ☼ | 12/22/23 10:25 | 12/28/23 23:30 | 1 |
| **pH (SW846 9045D)** | **5.4** | | 0.2 | 0.2 | SU | | | 12/20/23 15:56 | 1 |

**Client Sample ID: SS-3**
**Date Collected: 12/13/23 10:35**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-5**
**Matrix: Solid**
**Percent Solids: 75.8**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.031 | | 0.031 | 0.014 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Benzene | <0.0031 | | 0.0031 | 0.00080 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Bromodichloromethane | <0.0031 | | 0.0031 | 0.00064 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Bromoform | <0.0031 | | 0.0031 | 0.00092 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Bromomethane | <0.0078 | | 0.0078 | 0.0030 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Carbon disulfide | <0.0078 | | 0.0078 | 0.0016 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Carbon tetrachloride | <0.0031 | | 0.0031 | 0.00091 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Chlorobenzene | <0.0031 | | 0.0031 | 0.0012 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Chloroethane | <0.0078 | | 0.0078 | 0.0023 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Chloroform | <0.0031 | | 0.0031 | 0.0011 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Chloromethane | <0.0078 | | 0.0078 | 0.0032 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| cis-1,2-Dichloroethene | <0.0031 | | 0.0031 | 0.00088 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| cis-1,3-Dichloropropene | <0.0031 | | 0.0031 | 0.00095 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Dibromochloromethane | <0.0031 | | 0.0031 | 0.0010 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| 1,1-Dichloroethane | <0.0031 | | 0.0031 | 0.0011 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| 1,2-Dichloroethane | <0.0078 | | 0.0078 | 0.0024 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| 1,1-Dichloroethene | <0.0031 | | 0.0031 | 0.0011 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| 1,2-Dichloropropane | <0.0031 | | 0.0031 | 0.00081 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| 1,3-Dichloropropene, Total | <0.0031 | | 0.0031 | 0.0011 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Ethylbenzene | <0.0031 | | 0.0031 | 0.0015 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| 2-Hexanone | <0.0078 | | 0.0078 | 0.0024 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Methylene Chloride | <0.0078 | | 0.0078 | 0.0031 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| 2-Butanone (MEK) | <0.0078 | | 0.0078 | 0.0035 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| methyl isobutyl ketone | <0.0078 | | 0.0078 | 0.0023 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Methyl tert-butyl ether | <0.0031 | | 0.0031 | 0.00092 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Styrene | <0.0031 | | 0.0031 | 0.00095 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.0031 | | 0.0031 | 0.0010 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Tetrachloroethene | <0.0031 | | 0.0031 | 0.0011 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Toluene | <0.0031 | | 0.0031 | 0.00079 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| trans-1,2-Dichloroethene | <0.0031 | | 0.0031 | 0.0014 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| trans-1,3-Dichloropropene | <0.0031 | | 0.0031 | 0.0011 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| 1,1,1-Trichloroethane | <0.0031 | | 0.0031 | 0.0011 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| 1,1,2-Trichloroethane | <0.0031 | | 0.0031 | 0.0013 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Trichloroethene | <0.0031 | | 0.0031 | 0.0011 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Vinyl chloride | <0.0031 | | 0.0031 | 0.0014 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |
| Xylenes, Total | <0.0063 | | 0.0063 | 0.0010 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 16:48 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *75 - 131* | *12/14/23 17:24* | *12/18/23 16:48* | *1* |
| *Dibromofluoromethane (Surr)* | *116* | | *75 - 126* | *12/14/23 17:24* | *12/18/23 16:48* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *114* | | *70 - 134* | *12/14/23 17:24* | *12/18/23 16:48* | *1* |
| *Toluene-d8 (Surr)* | *109* | | *75 - 124* | *12/14/23 17:24* | *12/18/23 16:48* | *1* |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Phenol | <0.21 | | 0.21 | 0.018 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Bis(2-chloroethyl)ether | <0.21 | | 0.21 | 0.019 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 1,3-Dichlorobenzene | <0.21 | | 0.21 | 0.019 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 1,4-Dichlorobenzene | <0.21 | | 0.21 | 0.020 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 1,2-Dichlorobenzene | <0.21 | | 0.21 | 0.017 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

**Client Sample ID: SS-3**
**Date Collected: 12/13/23 10:35**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-5**
**Matrix: Solid**
**Percent Solids: 75.8**

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylphenol | <0.21 | | 0.21 | 0.022 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2,2'-oxybis[1-chloropropane] | <0.21 | | 0.21 | 0.030 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| N-Nitrosodi-n-propylamine | <0.085 | | 0.085 | 0.0083 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Hexachloroethane | <0.21 | | 0.21 | 0.021 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2-Chlorophenol | <0.21 | | 0.21 | 0.013 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Nitrobenzene | <0.042 | | 0.042 | 0.013 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Bis(2-chloroethoxy)methane | <0.21 | | 0.21 | 0.016 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 1,2,4-Trichlorobenzene | <0.21 | | 0.21 | 0.030 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Isophorone | <0.21 | | 0.21 | 0.022 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2,4-Dimethylphenol | <0.42 | | 0.42 | 0.094 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Hexachlorobutadiene | <0.21 | | 0.21 | 0.024 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Naphthalene | <0.042 | | 0.042 | 0.0076 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2,4-Dichlorophenol | <0.42 | | 0.42 | 0.015 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 4-Chloroaniline | <0.85 | | 0.85 | 0.44 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2,4,6-Trichlorophenol | <0.42 | | 0.42 | 0.014 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2,4,5-Trichlorophenol | <0.42 | | 0.42 | 0.016 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Hexachlorocyclopentadiene | <0.85 | | 0.85 | 0.44 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2-Methylnaphthalene | <0.085 | | 0.085 | 0.0084 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2-Nitroaniline | <0.21 | | 0.21 | 0.022 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2-Chloronaphthalene | <0.21 | | 0.21 | 0.016 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 4-Chloro-3-methylphenol | <0.42 | | 0.42 | 0.016 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2,6-Dinitrotoluene | <0.21 | | 0.21 | 0.014 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2-Nitrophenol | <0.42 | | 0.42 | 0.028 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 3-Nitroaniline | <0.42 | | 0.42 | 0.019 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Dimethyl phthalate | <0.21 | | 0.21 | 0.0091 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2,4-Dinitrophenol | <0.85 | | 0.85 | 0.24 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Acenaphthylene | <0.042 | | 0.042 | 0.0071 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 2,4-Dinitrotoluene | <0.21 | | 0.21 | 0.024 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Acenaphthene | <0.042 | | 0.042 | 0.0085 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Dibenzofuran | <0.21 | | 0.21 | 0.015 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 4-Nitrophenol | <0.85 | | 0.85 | 0.16 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Fluorene | <0.042 | | 0.042 | 0.012 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 4-Nitroaniline | <0.42 | | 0.42 | 0.031 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 4-Bromophenyl phenyl ether | <0.21 | | 0.21 | 0.029 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Hexachlorobenzene | <0.085 | | 0.085 | 0.0080 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Diethyl phthalate | <0.21 | | 0.21 | 0.019 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 4-Chlorophenyl phenyl ether | <0.21 | | 0.21 | 0.055 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Pentachlorophenol | <0.85 | | 0.85 | 0.10 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| N-Nitrosodiphenylamine | <0.21 | | 0.21 | 0.025 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 4,6-Dinitro-2-methylphenol | <0.85 | | 0.85 | 0.24 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Phenanthrene | <0.042 | | 0.042 | 0.0091 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Anthracene | <0.042 | | 0.042 | 0.0086 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Carbazole | <0.21 | | 0.21 | 0.017 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Di-n-butyl phthalate | <0.21 | | 0.21 | 0.013 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Fluoranthene | <0.042 | | 0.042 | 0.0097 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Pyrene | <0.042 | | 0.042 | 0.011 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Butyl benzyl phthalate | <0.21 | | 0.21 | 0.021 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Benzo[a]anthracene | <0.042 | | 0.042 | 0.0089 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Chrysene | <0.042 | | 0.042 | 0.011 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

**Client Sample ID: SS-3**
**Date Collected: 12/13/23 10:35**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-5**
**Matrix: Solid**
**Percent Solids: 75.8**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <0.21 | | 0.21 | 0.034 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Bis(2-ethylhexyl) phthalate | <0.21 | | 0.21 | 0.16 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Di-n-octyl phthalate | <0.42 | | 0.42 | 0.29 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Benzo[b]fluoranthene | <0.042 | | 0.042 | 0.040 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Benzo[k]fluoranthene | <0.042 | | 0.042 | 0.016 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Benzo[a]pyrene | <0.042 | | 0.042 | 0.040 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.042 | | 0.042 | 0.041 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Dibenz(a,h)anthracene | <0.042 | | 0.042 | 0.042 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| Benzo[g,h,i]perylene | <0.042 | | 0.042 | 0.0091 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |
| 3 & 4 Methylphenol | <0.21 | | 0.21 | 0.031 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 18:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorophenol (Surr)* | *53* | | *31 - 166* | *12/27/23 08:10* | *12/27/23 18:46* | *1* |
| *Phenol-d5 (Surr)* | *56* | | *30 - 153* | *12/27/23 08:10* | *12/27/23 18:46* | *1* |
| *Nitrobenzene-d5 (Surr)* | *54* | | *37 - 147* | *12/27/23 08:10* | *12/27/23 18:46* | *1* |
| *2-Fluorobiphenyl (Surr)* | *58* | | *43 - 145* | *12/27/23 08:10* | *12/27/23 18:46* | *1* |
| *2,4,6-Tribromophenol (Surr)* | *59* | | *31 - 143* | *12/27/23 08:10* | *12/27/23 18:46* | *1* |
| *Terphenyl-d14 (Surr)* | *76* | | *42 - 157* | *12/27/23 08:10* | *12/27/23 18:46* | *1* |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aldrin | <0.0022 | | 0.0022 | 0.0015 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| alpha-BHC | <0.0022 | | 0.0022 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| cis-Chlordane | <0.0022 | | 0.0022 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| beta-BHC | <0.0022 | | 0.0022 | 0.0017 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| 4,4'-DDD | <0.0022 | | 0.0022 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| 4,4'-DDE | <0.0022 | | 0.0022 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| 4,4'-DDT | <0.0022 | | 0.0022 | 0.0010 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| delta-BHC | <0.0022 | | 0.0022 | 0.0010 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| Dieldrin | <0.0022 | | 0.0022 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| Endosulfan I | <0.0022 | | 0.0022 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| Endosulfan II | <0.0022 | | 0.0022 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| Endosulfan sulfate | <0.0022 | | 0.0022 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| Endrin | <0.0022 | | 0.0022 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| Endrin aldehyde | <0.0022 | | 0.0022 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| Endrin ketone | <0.0022 | | 0.0022 | 0.0010 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| gamma-BHC (Lindane) | <0.0022 | | 0.0022 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| trans-Chlordane | <0.0022 | | 0.0022 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| Heptachlor | <0.0022 | | 0.0022 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| Heptachlor epoxide | <0.0022 | | 0.0022 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| Methoxychlor | <0.011 | | 0.011 | 0.0014 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |
| Toxaphene | <0.021 | | 0.021 | 0.0086 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *79* | | *33 - 148* | *12/21/23 07:37* | *12/22/23 11:20* | *1* |
| *Tetrachloro-m-xylene* | *63* | | *30 - 121* | *12/21/23 07:37* | *12/22/23 11:20* | *1* |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | <0.021 | | 0.021 | 0.0083 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:00 | 1 |

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

## Client Sample ID: SS-3

**Date Collected: 12/13/23 10:35**
**Date Received: 12/14/23 09:45**

## Lab Sample ID: 500-243876-5

**Matrix: Solid**
**Percent Solids: 75.8**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1221 | <0.021 | | 0.021 | 0.0083 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:00 | 1 |
| PCB-1232 | <0.021 | | 0.021 | 0.0058 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:00 | 1 |
| PCB-1242 | <0.021 | | 0.021 | 0.0083 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:00 | 1 |
| PCB-1248 | <0.021 | | 0.021 | 0.010 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:00 | 1 |
| PCB-1254 | <0.021 | | 0.021 | 0.0072 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:00 | 1 |
| PCB-1260 | <0.021 | | 0.021 | 0.0080 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:00 | 1 |
| Polychlorinated biphenyls, Total | <0.021 | | 0.021 | 0.0058 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *60* | | *49 - 129* | *12/21/23 07:37* | *12/22/23 19:00* | *1* |
| *DCB Decachlorobiphenyl* | *66* | | *37 - 121* | *12/21/23 07:37* | *12/22/23 19:00* | *1* |

### Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **12000** | | 24 | 9.8 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:52 | 1 |
| Antimony | <2.4 | | 2.4 | 0.47 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Arsenic** | **4.6** | | 1.2 | 0.41 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Barium** | **140** | | 1.2 | 0.14 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Beryllium** | **0.67** | | 0.48 | 0.11 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Cadmium** | **0.20** | **J B** | 0.24 | 0.043 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Calcium** | **31000** | **B** | 24 | 4.1 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Chromium** | **15** | | 1.2 | 0.59 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Cobalt** | **6.9** | | 0.60 | 0.16 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Copper** | **19** | | 1.2 | 0.34 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Iron** | **15000** | | 24 | 12 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Lead** | **11** | | 0.60 | 0.28 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Magnesium** | **18000** | **B** | 12 | 6.0 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Manganese** | **640** | | 1.2 | 0.17 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Nickel** | **15** | | 1.2 | 0.35 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Potassium** | **1400** | | 60 | 21 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| Selenium | <1.2 | | 1.2 | 0.71 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| Silver | <0.60 | | 0.60 | 0.16 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:52 | 1 |
| **Sodium** | **64** | **J** | 120 | 18 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| Thallium | <1.2 | | 1.2 | 0.60 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:52 | 1 |
| **Vanadium** | **28** | | 0.60 | 0.14 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |
| **Zinc** | **46** | | 2.4 | 1.1 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:31 | 1 |

### Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.031** | | 0.020 | 0.011 | mg/Kg | ☼ | 12/28/23 12:45 | 12/29/23 08:23 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total (SW846 9012B) | <0.29 | H *+ | 0.29 | 0.14 | mg/Kg | ☼ | 12/22/23 10:25 | 12/28/23 23:35 | 1 |
| **pH (SW846 9045D)** | **7.8** | | 0.2 | 0.2 | SU | | | 12/20/23 15:58 | 1 |

**Client Sample ID: SS-4**
**Date Collected: 12/13/23 10:55**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-6**
**Matrix: Solid**
**Percent Solids: 70.7**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.045 | | 0.045 | 0.020 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Benzene | <0.0045 | | 0.0045 | 0.0011 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Bromodichloromethane | <0.0045 | | 0.0045 | 0.00091 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Bromoform | <0.0045 | | 0.0045 | 0.0013 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Bromomethane | <0.011 | | 0.011 | 0.0042 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Carbon disulfide | <0.011 | | 0.011 | 0.0023 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Carbon tetrachloride | <0.0045 | | 0.0045 | 0.0013 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Chlorobenzene | <0.0045 | | 0.0045 | 0.0017 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Chloroethane | <0.011 | | 0.011 | 0.0033 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Chloroform | <0.0045 | | 0.0045 | 0.0016 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Chloromethane | <0.011 | | 0.011 | 0.0045 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| cis-1,2-Dichloroethene | <0.0045 | | 0.0045 | 0.0013 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| cis-1,3-Dichloropropene | <0.0045 | | 0.0045 | 0.0014 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Dibromochloromethane | <0.0045 | | 0.0045 | 0.0015 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| 1,1-Dichloroethane | <0.0045 | | 0.0045 | 0.0015 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| 1,2-Dichloroethane | <0.011 | | 0.011 | 0.0035 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| 1,1-Dichloroethene | <0.0045 | | 0.0045 | 0.0015 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| 1,2-Dichloropropane | <0.0045 | | 0.0045 | 0.0012 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| 1,3-Dichloropropene, Total | <0.0045 | | 0.0045 | 0.0016 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Ethylbenzene | <0.0045 | | 0.0045 | 0.0021 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| 2-Hexanone | <0.011 | | 0.011 | 0.0035 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Methylene Chloride | <0.011 | | 0.011 | 0.0044 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| 2-Butanone (MEK) | <0.011 | | 0.011 | 0.0050 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| methyl isobutyl ketone | <0.011 | | 0.011 | 0.0033 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Methyl tert-butyl ether | <0.0045 | | 0.0045 | 0.0013 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Styrene | <0.0045 | | 0.0045 | 0.0014 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.0045 | | 0.0045 | 0.0014 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Tetrachloroethene | <0.0045 | | 0.0045 | 0.0015 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Toluene | <0.0045 | | 0.0045 | 0.0011 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| trans-1,2-Dichloroethene | <0.0045 | | 0.0045 | 0.0020 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| trans-1,3-Dichloropropene | <0.0045 | | 0.0045 | 0.0016 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| 1,1,1-Trichloroethane | <0.0045 | | 0.0045 | 0.0015 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| 1,1,2-Trichloroethane | <0.0045 | | 0.0045 | 0.0019 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Trichloroethene | <0.0045 | | 0.0045 | 0.0015 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Vinyl chloride | <0.0045 | | 0.0045 | 0.0020 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |
| Xylenes, Total | <0.0090 | | 0.0090 | 0.0014 | mg/Kg | ☼ | 12/14/23 17:24 | 12/18/23 17:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *114* | | *75 - 131* | *12/14/23 17:24* | *12/18/23 17:13* | *1* |
| *Dibromofluoromethane (Surr)* | *112* | | *75 - 126* | *12/14/23 17:24* | *12/18/23 17:13* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *113* | | *70 - 134* | *12/14/23 17:24* | *12/18/23 17:13* | *1* |
| *Toluene-d8 (Surr)* | *110* | | *75 - 124* | *12/14/23 17:24* | *12/18/23 17:13* | *1* |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Phenol | <0.23 | | 0.23 | 0.020 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Bis(2-chloroethyl)ether | <0.23 | | 0.23 | 0.021 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 1,3-Dichlorobenzene | <0.23 | | 0.23 | 0.021 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 1,4-Dichlorobenzene | <0.23 | | 0.23 | 0.022 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 1,2-Dichlorobenzene | <0.23 | | 0.23 | 0.019 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

**Client Sample ID: SS-4**
**Date Collected: 12/13/23 10:55**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-6**
**Matrix: Solid**
**Percent Solids: 70.7**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylphenol | <0.23 | | 0.23 | 0.024 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2,2'-oxybis[1-chloropropane] | <0.23 | | 0.23 | 0.033 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| N-Nitrosodi-n-propylamine | <0.093 | | 0.093 | 0.0091 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Hexachloroethane | <0.23 | | 0.23 | 0.023 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2-Chlorophenol | <0.23 | | 0.23 | 0.015 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Nitrobenzene | <0.046 | | 0.046 | 0.015 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Bis(2-chloroethoxy)methane | <0.23 | | 0.23 | 0.017 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 1,2,4-Trichlorobenzene | <0.23 | | 0.23 | 0.033 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Isophorone | <0.23 | | 0.23 | 0.024 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2,4-Dimethylphenol | <0.46 | | 0.46 | 0.10 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Hexachlorobutadiene | <0.23 | | 0.23 | 0.026 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Naphthalene | <0.046 | | 0.046 | 0.0084 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2,4-Dichlorophenol | <0.46 | | 0.46 | 0.016 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 4-Chloroaniline | <0.93 | | 0.93 | 0.49 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2,4,6-Trichlorophenol | <0.46 | | 0.46 | 0.016 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2,4,5-Trichlorophenol | <0.46 | | 0.46 | 0.017 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Hexachlorocyclopentadiene | <0.93 | | 0.93 | 0.49 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2-Methylnaphthalene | <0.093 | | 0.093 | 0.0093 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2-Nitroaniline | <0.23 | | 0.23 | 0.025 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2-Chloronaphthalene | <0.23 | | 0.23 | 0.017 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 4-Chloro-3-methylphenol | <0.46 | | 0.46 | 0.018 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2,6-Dinitrotoluene | <0.23 | | 0.23 | 0.016 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2-Nitrophenol | <0.46 | | 0.46 | 0.031 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 3-Nitroaniline | <0.46 | | 0.46 | 0.021 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Dimethyl phthalate | <0.23 | | 0.23 | 0.010 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2,4-Dinitrophenol | <0.93 | | 0.93 | 0.27 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Acenaphthylene | <0.046 | | 0.046 | 0.0078 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 2,4-Dinitrotoluene | <0.23 | | 0.23 | 0.026 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Acenaphthene | <0.046 | | 0.046 | 0.0094 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Dibenzofuran | <0.23 | | 0.23 | 0.016 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 4-Nitrophenol | <0.93 | | 0.93 | 0.17 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Fluorene | <0.046 | | 0.046 | 0.014 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 4-Nitroaniline | <0.46 | | 0.46 | 0.034 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 4-Bromophenyl phenyl ether | <0.23 | | 0.23 | 0.032 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Hexachlorobenzene | <0.093 | | 0.093 | 0.0089 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Diethyl phthalate | <0.23 | | 0.23 | 0.021 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 4-Chlorophenyl phenyl ether | <0.23 | | 0.23 | 0.061 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Pentachlorophenol | <0.93 | | 0.93 | 0.12 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| N-Nitrosodiphenylamine | <0.23 | | 0.23 | 0.027 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 4,6-Dinitro-2-methylphenol | <0.93 | | 0.93 | 0.26 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| **Phenanthrene** | **0.014** | **J** | 0.046 | 0.010 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Anthracene | <0.046 | | 0.046 | 0.0095 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Carbazole | <0.23 | | 0.23 | 0.018 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Di-n-butyl phthalate | <0.23 | | 0.23 | 0.015 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| **Fluoranthene** | **0.041** | **J** | 0.046 | 0.011 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| **Pyrene** | **0.038** | **J** | 0.046 | 0.013 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Butyl benzyl phthalate | <0.23 | | 0.23 | 0.023 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| **Benzo[a]anthracene** | **0.024** | **J** | 0.046 | 0.0098 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| **Chrysene** | **0.030** | **J** | 0.046 | 0.012 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |

**Client Sample ID: SS-4**
**Date Collected: 12/13/23 10:55**
**Date Received: 12/14/23 09:45**

**Lab Sample ID: 500-243876-6**
**Matrix: Solid**
**Percent Solids: 70.7**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <0.23 | | 0.23 | 0.038 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Bis(2-ethylhexyl) phthalate | <0.23 | | 0.23 | 0.18 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Di-n-octyl phthalate | <0.46 | | 0.46 | 0.32 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| **Benzo[b]fluoranthene** | **0.047** | | 0.046 | 0.044 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Benzo[k]fluoranthene | <0.046 | | 0.046 | 0.018 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Benzo[a]pyrene | <0.046 | | 0.046 | 0.045 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| **Indeno[1,2,3-cd]pyrene** | **0.045** | **J** | 0.046 | 0.045 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| Dibenz(a,h)anthracene | <0.046 | | 0.046 | 0.046 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| **Benzo[g,h,i]perylene** | **0.031** | **J** | 0.046 | 0.010 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |
| 3 & 4 Methylphenol | <0.23 | | 0.23 | 0.034 | mg/Kg | ☼ | 12/27/23 08:10 | 12/27/23 23:46 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorophenol (Surr)* | *60* | | *31 - 166* | *12/27/23 08:10* | *12/27/23 23:46* | *1* |
| *Phenol-d5 (Surr)* | *63* | | *30 - 153* | *12/27/23 08:10* | *12/27/23 23:46* | *1* |
| *Nitrobenzene-d5 (Surr)* | *62* | | *37 - 147* | *12/27/23 08:10* | *12/27/23 23:46* | *1* |
| *2-Fluorobiphenyl (Surr)* | *64* | | *43 - 145* | *12/27/23 08:10* | *12/27/23 23:46* | *1* |
| *2,4,6-Tribromophenol (Surr)* | *64* | | *31 - 143* | *12/27/23 08:10* | *12/27/23 23:46* | *1* |
| *Terphenyl-d14 (Surr)* | *80* | | *42 - 157* | *12/27/23 08:10* | *12/27/23 23:46* | *1* |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aldrin | <0.0023 | | 0.0023 | 0.0016 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| alpha-BHC | <0.0023 | | 0.0023 | 0.0013 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| cis-Chlordane | <0.0023 | | 0.0023 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| beta-BHC | <0.0023 | | 0.0023 | 0.0018 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| **4,4'-DDD** | **0.0033** | | 0.0023 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| **4,4'-DDE** | **0.027** | | 0.0023 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| 4,4'-DDT | <0.0023 | | 0.0023 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| delta-BHC | <0.0023 | | 0.0023 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| **Dieldrin** | **0.0025** | | 0.0023 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| Endosulfan I | <0.0023 | | 0.0023 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| Endosulfan II | <0.0023 | | 0.0023 | 0.0013 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| Endosulfan sulfate | <0.0023 | | 0.0023 | 0.0013 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| Endrin | <0.0023 | | 0.0023 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| Endrin aldehyde | <0.0023 | | 0.0023 | 0.0013 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| Endrin ketone | <0.0023 | | 0.0023 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| gamma-BHC (Lindane) | <0.0023 | | 0.0023 | 0.0011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| trans-Chlordane | <0.0023 | | 0.0023 | 0.0013 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| Heptachlor | <0.0023 | | 0.0023 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| Heptachlor epoxide | <0.0023 | | 0.0023 | 0.0012 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| Methoxychlor | <0.011 | | 0.011 | 0.0015 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |
| Toxaphene | <0.023 | | 0.023 | 0.0091 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 11:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *82* | | *33 - 148* | *12/21/23 07:37* | *12/22/23 11:32* | *1* |
| *Tetrachloro-m-xylene* | *53* | | *30 - 121* | *12/21/23 07:37* | *12/22/23 11:32* | *1* |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | <0.023 | | 0.023 | 0.0089 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:14 | 1 |

## Client Sample ID: SS-4

**Date Collected: 12/13/23 10:55**
**Date Received: 12/14/23 09:45**

## Lab Sample ID: 500-243876-6

**Matrix: Solid**
**Percent Solids: 70.7**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1221 | <0.023 | | 0.023 | 0.0089 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:14 | 1 |
| PCB-1232 | <0.023 | | 0.023 | 0.0061 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:14 | 1 |
| PCB-1242 | <0.023 | | 0.023 | 0.0088 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:14 | 1 |
| PCB-1248 | <0.023 | | 0.023 | 0.011 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:14 | 1 |
| PCB-1254 | <0.023 | | 0.023 | 0.0077 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:14 | 1 |
| PCB-1260 | <0.023 | | 0.023 | 0.0085 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:14 | 1 |
| Polychlorinated biphenyls, Total | <0.023 | | 0.023 | 0.0061 | mg/Kg | ☼ | 12/21/23 07:37 | 12/22/23 19:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *53* | | *49 - 129* | *12/21/23 07:37* | *12/22/23 19:14* | *1* |
| *DCB Decachlorobiphenyl* | *61* | | *37 - 121* | *12/21/23 07:37* | *12/22/23 19:14* | *1* |

### Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **12000** | | 27 | 11 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:55 | 1 |
| Antimony | <2.7 | | 2.7 | 0.52 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Arsenic** | **5.0** | | 1.3 | 0.46 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Barium** | **100** | | 1.3 | 0.15 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Beryllium** | **0.70** | | 0.54 | 0.13 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Cadmium** | **0.27** | **B** | 0.27 | 0.048 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Calcium** | **45000** | **B** | 27 | 4.6 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Chromium** | **15** | | 1.3 | 0.67 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Cobalt** | **7.6** | | 0.67 | 0.18 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Copper** | **19** | | 1.3 | 0.38 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Iron** | **14000** | | 27 | 14 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Lead** | **23** | | 0.67 | 0.31 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Magnesium** | **26000** | **B** | 13 | 6.7 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Manganese** | **550** | | 1.3 | 0.19 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Nickel** | **14** | | 1.3 | 0.39 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Potassium** | **1800** | | 67 | 24 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| Selenium | <1.3 | | 1.3 | 0.79 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| Silver | <0.67 | | 0.67 | 0.17 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:55 | 1 |
| **Sodium** | **68** | **J** | 130 | 20 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| Thallium | <1.3 | | 1.3 | 0.67 | mg/Kg | ☼ | 12/20/23 17:50 | 12/22/23 13:55 | 1 |
| **Vanadium** | **22** | | 0.67 | 0.16 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |
| **Zinc** | **130** | | 2.7 | 1.2 | mg/Kg | ☼ | 12/20/23 17:50 | 12/21/23 16:34 | 1 |

### Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.036** | | 0.022 | 0.012 | mg/Kg | ☼ | 12/28/23 12:45 | 12/29/23 08:25 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total (SW846 9012B) | <0.33 | H *+ | 0.33 | 0.17 | mg/Kg | ☼ | 12/22/23 10:25 | 12/28/23 23:54 | 1 |
| **pH (SW846 9045D)** | **7.1** | | 0.2 | 0.2 | SU | | | 12/20/23 16:01 | 1 |

# Definitions/Glossary

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### GC/MS Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| *- | LCS and/or LCSD is outside acceptance limits, low biased. |
| F1 | MS and/or MSD recovery exceeds control limits. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### Metals

| Qualifier | Qualifier Description |
|---|---|
| ^1+ | Initial Calibration Verification (ICV) is outside acceptance limits, high biased. |
| B | Compound was found in the blank and sample. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### General Chemistry

| Qualifier | Qualifier Description |
|---|---|
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |
| F1 | MS and/or MSD recovery exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |
| H | Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements. |
| HF | Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |

## Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

# QC Association Summary

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

## GC/MS VOA

### Prep Batch: 746812

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 5035 | |
| 500-243876-3 | SS-1 | Total/NA | Solid | 5035 | |
| 500-243876-4 | SS-2 | Total/NA | Solid | 5035 | |
| 500-243876-5 | SS-3 | Total/NA | Solid | 5035 | |
| 500-243876-6 | SS-4 | Total/NA | Solid | 5035 | |

### Analysis Batch: 747065

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 8260D | 746812 |
| 500-243876-3 | SS-1 | Total/NA | Solid | 8260D | 746812 |
| 500-243876-4 | SS-2 | Total/NA | Solid | 8260D | 746812 |
| 500-243876-5 | SS-3 | Total/NA | Solid | 8260D | 746812 |
| 500-243876-6 | SS-4 | Total/NA | Solid | 8260D | 746812 |
| MB 500-747065/7 | Method Blank | Total/NA | Solid | 8260D | |
| LCS 500-747065/4 | Lab Control Sample | Total/NA | Solid | 8260D | |
| LCSD 500-747065/5 | Lab Control Sample Dup | Total/NA | Solid | 8260D | |

### Analysis Batch: 747835

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total/NA | Water | 8260D | |
| MB 500-747835/8 | Method Blank | Total/NA | Water | 8260D | |
| LCS 500-747835/5 | Lab Control Sample | Total/NA | Water | 8260D | |

## GC/MS Semi VOA

### Prep Batch: 747237

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total/NA | Water | 3510C | |
| MB 500-747237/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 500-747237/2-A | Lab Control Sample | Total/NA | Water | 3510C | |

### Analysis Batch: 747766

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total/NA | Water | 8270E | 747237 |
| MB 500-747237/1-A | Method Blank | Total/NA | Water | 8270E | 747237 |
| LCS 500-747237/2-A | Lab Control Sample | Total/NA | Water | 8270E | 747237 |

### Prep Batch: 748164

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 3546 | |
| 500-243876-3 | SS-1 | Total/NA | Solid | 3546 | |
| 500-243876-4 | SS-2 | Total/NA | Solid | 3546 | |
| 500-243876-5 | SS-3 | Total/NA | Solid | 3546 | |
| 500-243876-6 | SS-4 | Total/NA | Solid | 3546 | |
| MB 500-748164/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 500-748164/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| 500-243876-4 MS | SS-2 | Total/NA | Solid | 3546 | |
| 500-243876-4 MSD | SS-2 | Total/NA | Solid | 3546 | |

# QC Association Summary

Client: Deigan & Associates LLC
Job ID: 500-243876-1
Project/Site: 9N636 RT47 Elgin,IL (23-065)

## GC/MS Semi VOA

### Analysis Batch: 748209

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-3 | SS-1 | Total/NA | Solid | 8270E | 748164 |
| 500-243876-4 | SS-2 | Total/NA | Solid | 8270E | 748164 |
| 500-243876-5 | SS-3 | Total/NA | Solid | 8270E | 748164 |
| 500-243876-6 | SS-4 | Total/NA | Solid | 8270E | 748164 |
| MB 500-748164/1-A | Method Blank | Total/NA | Solid | 8270E | 748164 |
| LCS 500-748164/2-A | Lab Control Sample | Total/NA | Solid | 8270E | 748164 |
| 500-243876-4 MS | SS-2 | Total/NA | Solid | 8270E | 748164 |
| 500-243876-4 MSD | SS-2 | Total/NA | Solid | 8270E | 748164 |

### Analysis Batch: 748366

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 8270E | 748164 |

## GC Semi VOA

### Prep Batch: 747393

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total/NA | Water | 3510C | |
| MB 500-747393/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 500-747393/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCS 500-747393/4-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCSD 500-747393/3-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |
| LCSD 500-747393/5-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |

### Analysis Batch: 747590

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total/NA | Water | 8082A | 747393 |
| MB 500-747393/1-A | Method Blank | Total/NA | Water | 8082A | 747393 |
| LCS 500-747393/4-A | Lab Control Sample | Total/NA | Water | 8082A | 747393 |
| LCSD 500-747393/5-A | Lab Control Sample Dup | Total/NA | Water | 8082A | 747393 |

### Analysis Batch: 747612

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total/NA | Water | 8081B | 747393 |
| MB 500-747393/1-A | Method Blank | Total/NA | Water | 8081B | 747393 |
| LCS 500-747393/2-A | Lab Control Sample | Total/NA | Water | 8081B | 747393 |
| LCSD 500-747393/3-A | Lab Control Sample Dup | Total/NA | Water | 8081B | 747393 |

### Prep Batch: 747691

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 3541 | |
| 500-243876-3 | SS-1 | Total/NA | Solid | 3541 | |
| 500-243876-4 | SS-2 | Total/NA | Solid | 3541 | |
| 500-243876-5 | SS-3 | Total/NA | Solid | 3541 | |
| 500-243876-6 | SS-4 | Total/NA | Solid | 3541 | |
| MB 500-747691/1-A | Method Blank | Total/NA | Solid | 3541 | |
| LCS 500-747691/2-A | Lab Control Sample | Total/NA | Solid | 3541 | |
| LCS 500-747691/3-A | Lab Control Sample | Total/NA | Solid | 3541 | |

## GC Semi VOA

### Analysis Batch: 747986

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 8081B | 747691 |
| 500-243876-3 | SS-1 | Total/NA | Solid | 8081B | 747691 |
| 500-243876-4 | SS-2 | Total/NA | Solid | 8081B | 747691 |
| 500-243876-5 | SS-3 | Total/NA | Solid | 8081B | 747691 |
| 500-243876-6 | SS-4 | Total/NA | Solid | 8081B | 747691 |
| MB 500-747691/1-A | Method Blank | Total/NA | Solid | 8081B | 747691 |
| LCS 500-747691/2-A | Lab Control Sample | Total/NA | Solid | 8081B | 747691 |

### Analysis Batch: 747995

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 8082A | 747691 |
| 500-243876-3 | SS-1 | Total/NA | Solid | 8082A | 747691 |
| 500-243876-4 | SS-2 | Total/NA | Solid | 8082A | 747691 |
| 500-243876-5 | SS-3 | Total/NA | Solid | 8082A | 747691 |
| 500-243876-6 | SS-4 | Total/NA | Solid | 8082A | 747691 |
| MB 500-747691/1-A | Method Blank | Total/NA | Solid | 8082A | 747691 |
| LCS 500-747691/3-A | Lab Control Sample | Total/NA | Solid | 8082A | 747691 |

## Metals

### Prep Batch: 747628

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 3050B | |
| 500-243876-3 | SS-1 | Total/NA | Solid | 3050B | |
| 500-243876-4 | SS-2 | Total/NA | Solid | 3050B | |
| 500-243876-5 | SS-3 | Total/NA | Solid | 3050B | |
| 500-243876-6 | SS-4 | Total/NA | Solid | 3050B | |
| MB 500-747628/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 500-747628/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |

### Prep Batch: 747761

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total Recoverable | Water | 3005A | |
| MB 500-747761/1-A | Method Blank | Total Recoverable | Water | 3005A | |
| LCS 500-747761/2-A | Lab Control Sample | Total Recoverable | Water | 3005A | |

### Prep Batch: 747798

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total/NA | Water | 7470A | |
| MB 500-747798/12-A | Method Blank | Total/NA | Water | 7470A | |
| LCS 500-747798/13-A | Lab Control Sample | Total/NA | Water | 7470A | |
| 500-243876-1 MS | WW01 | Total/NA | Water | 7470A | |
| 500-243876-1 MSD | WW01 | Total/NA | Water | 7470A | |
| 500-243876-1 DU | WW01 | Total/NA | Water | 7470A | |

### Analysis Batch: 747831

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 6010D | 747628 |
| 500-243876-3 | SS-1 | Total/NA | Solid | 6010D | 747628 |
| 500-243876-4 | SS-2 | Total/NA | Solid | 6010D | 747628 |
| 500-243876-5 | SS-3 | Total/NA | Solid | 6010D | 747628 |

## Metals (Continued)

### Analysis Batch: 747831 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-6 | SS-4 | Total/NA | Solid | 6010D | 747628 |
| MB 500-747628/1-A | Method Blank | Total/NA | Solid | 6010D | 747628 |
| LCS 500-747628/2-A | Lab Control Sample | Total/NA | Solid | 6010D | 747628 |

### Analysis Batch: 747971

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total Recoverable | Water | 6020B | 747761 |
| MB 500-747761/1-A | Method Blank | Total Recoverable | Water | 6020B | 747761 |
| LCS 500-747761/2-A | Lab Control Sample | Total Recoverable | Water | 6020B | 747761 |

### Analysis Batch: 748021

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total/NA | Water | 7470A | 747798 |
| MB 500-747798/12-A | Method Blank | Total/NA | Water | 7470A | 747798 |
| LCS 500-747798/13-A | Lab Control Sample | Total/NA | Water | 7470A | 747798 |
| 500-243876-1 MS | WW01 | Total/NA | Water | 7470A | 747798 |
| 500-243876-1 MSD | WW01 | Total/NA | Water | 7470A | 747798 |
| 500-243876-1 DU | WW01 | Total/NA | Water | 7470A | 747798 |

### Analysis Batch: 748043

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 6010D | 747628 |
| 500-243876-3 | SS-1 | Total/NA | Solid | 6010D | 747628 |
| 500-243876-4 | SS-2 | Total/NA | Solid | 6010D | 747628 |
| 500-243876-5 | SS-3 | Total/NA | Solid | 6010D | 747628 |
| 500-243876-6 | SS-4 | Total/NA | Solid | 6010D | 747628 |
| MB 500-747628/1-A | Method Blank | Total/NA | Solid | 6010D | 747628 |
| LCS 500-747628/2-A | Lab Control Sample | Total/NA | Solid | 6010D | 747628 |

### Prep Batch: 748350

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 7471B | |
| 500-243876-3 | SS-1 | Total/NA | Solid | 7471B | |
| 500-243876-4 | SS-2 | Total/NA | Solid | 7471B | |
| 500-243876-5 | SS-3 | Total/NA | Solid | 7471B | |
| 500-243876-6 | SS-4 | Total/NA | Solid | 7471B | |
| MB 500-748350/12-A | Method Blank | Total/NA | Solid | 7471B | |
| LCS 500-748350/13-A | Lab Control Sample | Total/NA | Solid | 7471B | |

### Analysis Batch: 748526

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 7471B | 748350 |
| 500-243876-3 | SS-1 | Total/NA | Solid | 7471B | 748350 |
| 500-243876-4 | SS-2 | Total/NA | Solid | 7471B | 748350 |
| 500-243876-5 | SS-3 | Total/NA | Solid | 7471B | 748350 |
| 500-243876-6 | SS-4 | Total/NA | Solid | 7471B | 748350 |
| MB 500-748350/12-A | Method Blank | Total/NA | Solid | 7471B | 748350 |
| LCS 500-748350/13-A | Lab Control Sample | Total/NA | Solid | 7471B | 748350 |

## General Chemistry

### Analysis Batch: 747318

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | Moisture | |
| 500-243876-3 | SS-1 | Total/NA | Solid | Moisture | |
| 500-243876-4 | SS-2 | Total/NA | Solid | Moisture | |
| 500-243876-5 | SS-3 | Total/NA | Solid | Moisture | |
| 500-243876-6 | SS-4 | Total/NA | Solid | Moisture | |

### Analysis Batch: 747556

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 9045D | |
| LCS 500-747556/5 | Lab Control Sample | Total/NA | Solid | 9045D | |
| LCSD 500-747556/6 | Lab Control Sample Dup | Total/NA | Solid | 9045D | |

### Analysis Batch: 747587

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total/NA | Water | 9040C | |
| LCS 500-747587/2 | Lab Control Sample | Total/NA | Water | 9040C | |
| LCSD 500-747587/3 | Lab Control Sample Dup | Total/NA | Water | 9040C | |
| 500-243876-1 DU | WW01 | Total/NA | Water | 9040C | |

### Analysis Batch: 747672

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-3 | SS-1 | Total/NA | Solid | 9045D | |
| 500-243876-4 | SS-2 | Total/NA | Solid | 9045D | |
| 500-243876-5 | SS-3 | Total/NA | Solid | 9045D | |
| 500-243876-6 | SS-4 | Total/NA | Solid | 9045D | |
| LCS 500-747672/2 | Lab Control Sample | Total/NA | Water | 9040C | |
| LCSD 500-747672/3 | Lab Control Sample Dup | Total/NA | Water | 9040C | |
| 500-243876-3 DU | SS-1 | Total/NA | Solid | 9045D | |

### Analysis Batch: 747780

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCS 500-747780/5 | Lab Control Sample | Total/NA | Solid | 9045D | |
| LCSD 500-747780/6 | Lab Control Sample Dup | Total/NA | Solid | 9045D | |

### Prep Batch: 747816

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total/NA | Water | 9010C | |
| MB 500-747816/1-A | Method Blank | Total/NA | Water | 9010C | |
| LCS 500-747816/2-A | Lab Control Sample | Total/NA | Water | 9010C | |

### Prep Batch: 748007

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 9010C | |
| 500-243876-3 | SS-1 | Total/NA | Solid | 9010C | |
| 500-243876-4 | SS-2 | Total/NA | Solid | 9010C | |
| 500-243876-5 | SS-3 | Total/NA | Solid | 9010C | |
| 500-243876-6 | SS-4 | Total/NA | Solid | 9010C | |
| MB 500-748007/1-A | Method Blank | Total/NA | Solid | 9010C | |
| LCS 500-748007/2-A | Lab Control Sample | Total/NA | Solid | 9010C | |
| 500-243876-4 MS | SS-2 | Total/NA | Solid | 9010C | |
| 500-243876-4 MSD | SS-2 | Total/NA | Solid | 9010C | |

# QC Association Summary

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

## General Chemistry

### Analysis Batch: 748464

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-1 | WW01 | Total/NA | Water | 9012B | 747816 |
| MB 500-747816/1-A | Method Blank | Total/NA | Water | 9012B | 747816 |
| LCS 500-747816/2-A | Lab Control Sample | Total/NA | Water | 9012B | 747816 |

### Analysis Batch: 748558

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-243876-2 | PSED 01 | Total/NA | Solid | 9012B | 748007 |
| 500-243876-3 | SS-1 | Total/NA | Solid | 9012B | 748007 |
| 500-243876-4 | SS-2 | Total/NA | Solid | 9012B | 748007 |
| 500-243876-5 | SS-3 | Total/NA | Solid | 9012B | 748007 |
| 500-243876-6 | SS-4 | Total/NA | Solid | 9012B | 748007 |
| MB 500-748007/1-A | Method Blank | Total/NA | Solid | 9012B | 748007 |
| LCS 500-748007/2-A | Lab Control Sample | Total/NA | Solid | 9012B | 748007 |
| 500-243876-4 MS | SS-2 | Total/NA | Solid | 9012B | 748007 |
| 500-243876-4 MSD | SS-2 | Total/NA | Solid | 9012B | 748007 |

# Surrogate Summary

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

**Matrix: Solid** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | BFB | DBFM | DCA | TOL |
| Lab Sample ID | Client Sample ID | (75-131) | (75-126) | (70-134) | (75-124) |
| 500-243876-2 | PSED 01 | 109 | 116 | 112 | 106 |
| 500-243876-3 | SS-1 | 116 | 118 | 115 | 112 |
| 500-243876-4 | SS-2 | 114 | 115 | 114 | 106 |
| 500-243876-5 | SS-3 | 110 | 116 | 114 | 109 |
| 500-243876-6 | SS-4 | 114 | 112 | 113 | 110 |
| LCS 500-747065/4 | Lab Control Sample | 109 | 107 | 102 | 108 |
| LCSD 500-747065/5 | Lab Control Sample Dup | 103 | 108 | 102 | 106 |
| MB 500-747065/7 | Method Blank | 110 | 113 | 111 | 105 |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8260D - Volatile Organic Compounds by GC/MS

**Matrix: Water** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | BFB | DBFM | DCA | TOL |
| Lab Sample ID | Client Sample ID | (72-124) | (75-120) | (75-126) | (75-120) |
| 500-243876-1 | WW01 | 86 | 108 | 112 | 97 |
| LCS 500-747835/5 | Lab Control Sample | 81 | 100 | 104 | 103 |
| MB 500-747835/8 | Method Blank | 81 | 108 | 111 | 101 |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

**Matrix: Solid** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2FP | PHL | NBZ | FBP | TBP | TPHL |
| Lab Sample ID | Client Sample ID | (31-166) | (30-153) | (37-147) | (43-145) | (31-143) | (42-157) |
| 500-243876-2 | PSED 01 | 77 | 73 | 67 | 75 | 39 | 86 |
| 500-243876-3 | SS-1 | 72 | 71 | 72 | 70 | 72 | 85 |
| 500-243876-4 | SS-2 | 59 | 60 | 57 | 60 | 59 | 73 |
| 500-243876-4 MS | SS-2 | 60 | 62 | 62 | 63 | 68 | 73 |
| 500-243876-4 MSD | SS-2 | 60 | 61 | 63 | 63 | 64 | 71 |
| 500-243876-5 | SS-3 | 53 | 56 | 54 | 58 | 59 | 76 |
| 500-243876-6 | SS-4 | 60 | 63 | 62 | 64 | 64 | 80 |
| LCS 500-748164/2-A | Lab Control Sample | 76 | 73 | 78 | 76 | 79 | 86 |
| MB 500-748164/1-A | Method Blank | 87 | 84 | 87 | 80 | 72 | 93 |

**Surrogate Legend**

2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)

TBP = 2,4,6-Tribromophenol (Surr)
TPHL = Terphenyl-d14 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|---|---|---|---|---|---|---|---|
| | | TBP | FBP | 2FP | NBZ | PHL | TPHL |
| Lab Sample ID | Client Sample ID | (40-145) | (34-110) | (27-110) | (36-120) | (20-110) | (40-145) |
| 500-243876-1 | WW01 | 105 | 79 | 42 | 65 | 27 | 103 |
| LCS 500-747237/2-A | Lab Control Sample | 101 | 73 | 44 | 63 | 30 | 98 |
| MB 500-747237/1-A | Method Blank | 97 | 72 | 47 | 61 | 33 | 106 |

**Surrogate Legend**

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

## Method: 8081B - Organochlorine Pesticides (GC)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | DCBP1 | TCX1 |
| Lab Sample ID | Client Sample ID | (33-148) | (30-121) |
| 500-243876-2 | PSED 01 | 56 | 50 |
| 500-243876-3 | SS-1 | 110 | 57 |
| 500-243876-4 | SS-2 | 72 | 61 |
| 500-243876-5 | SS-3 | 79 | 63 |
| 500-243876-6 | SS-4 | 82 | 53 |
| LCS 500-747691/2-A | Lab Control Sample | 89 | 64 |
| MB 500-747691/1-A | Method Blank | 93 | 76 |

**Surrogate Legend**

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

## Method: 8081B - Organochlorine Pesticides (GC)

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | DCBP1 | TCX1 |
| Lab Sample ID | Client Sample ID | (30-130) | (30-120) |
| 500-243876-1 | WW01 | 65 | 53 |
| LCS 500-747393/2-A | Lab Control Sample | 71 | 62 |
| LCSD 500-747393/3-A | Lab Control Sample Dup | 66 | 60 |
| MB 500-747393/1-A | Method Blank | 80 | 78 |

**Surrogate Legend**

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

# Surrogate Summary

Client: Deigan & Associates LLC
Job ID: 500-243876-1
Project/Site: 9N636 RT47 Elgin,IL (23-065)

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | TCX1 | DCBP1 |
| Lab Sample ID | Client Sample ID | (49-129) | (37-121) |
| 500-243876-2 | PSED 01 | 62 | 60 |
| 500-243876-3 | SS-1 | 56 | 62 |
| 500-243876-4 | SS-2 | 52 | 53 |
| 500-243876-5 | SS-3 | 60 | 66 |
| 500-243876-6 | SS-4 | 53 | 61 |
| LCS 500-747691/3-A | Lab Control Sample | 64 | 77 |
| MB 500-747691/1-A | Method Blank | 73 | 88 |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | TCX2 | DCBP2 |
| Lab Sample ID | Client Sample ID | (30-120) | (30-140) |
| 500-243876-1 | WW01 | 57 | 74 |
| LCS 500-747393/4-A | Lab Control Sample | 80 | 97 |
| LCSD 500-747393/5-A | Lab Control Sample Dup | 79 | 87 |
| MB 500-747393/1-A | Method Blank | 91 | 102 |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 500-747065/7**
**Matrix: Solid**
**Analysis Batch: 747065**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.020 | | 0.020 | 0.0087 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Benzene | <0.0020 | | 0.0020 | 0.00051 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Bromodichloromethane | <0.0020 | | 0.0020 | 0.00041 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Bromoform | <0.0020 | | 0.0020 | 0.00058 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Bromomethane | <0.0050 | | 0.0050 | 0.0019 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Carbon disulfide | <0.0050 | | 0.0050 | 0.0010 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Carbon tetrachloride | <0.0020 | | 0.0020 | 0.00058 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Chlorobenzene | <0.0020 | | 0.0020 | 0.00074 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Chloroethane | <0.0050 | | 0.0050 | 0.0015 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Chloroform | <0.0020 | | 0.0020 | 0.00069 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Chloromethane | <0.0050 | | 0.0050 | 0.0020 | mg/Kg | | | 12/18/23 11:06 | 1 |
| cis-1,2-Dichloroethene | <0.0020 | | 0.0020 | 0.00056 | mg/Kg | | | 12/18/23 11:06 | 1 |
| cis-1,3-Dichloropropene | <0.0020 | | 0.0020 | 0.00060 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Dibromochloromethane | <0.0020 | | 0.0020 | 0.00065 | mg/Kg | | | 12/18/23 11:06 | 1 |
| 1,1-Dichloroethane | <0.0020 | | 0.0020 | 0.00069 | mg/Kg | | | 12/18/23 11:06 | 1 |
| 1,1-Dichloroethene | <0.0020 | | 0.0020 | 0.00069 | mg/Kg | | | 12/18/23 11:06 | 1 |
| 1,2-Dichloropropane | <0.0020 | | 0.0020 | 0.00052 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Ethylbenzene | <0.0020 | | 0.0020 | 0.00096 | mg/Kg | | | 12/18/23 11:06 | 1 |
| 2-Hexanone | <0.0050 | | 0.0050 | 0.0016 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Methylene Chloride | 0.00274 | J | 0.0050 | 0.0020 | mg/Kg | | | 12/18/23 11:06 | 1 |
| 2-Butanone (MEK) | <0.0050 | | 0.0050 | 0.0022 | mg/Kg | | | 12/18/23 11:06 | 1 |
| methyl isobutyl ketone | <0.0050 | | 0.0050 | 0.0015 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Methyl tert-butyl ether | <0.0020 | | 0.0020 | 0.00059 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Styrene | <0.0020 | | 0.0020 | 0.00060 | mg/Kg | | | 12/18/23 11:06 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.0020 | | 0.0020 | 0.00064 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Tetrachloroethene | <0.0020 | | 0.0020 | 0.00068 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Toluene | <0.0020 | | 0.0020 | 0.00051 | mg/Kg | | | 12/18/23 11:06 | 1 |
| trans-1,2-Dichloroethene | <0.0020 | | 0.0020 | 0.00089 | mg/Kg | | | 12/18/23 11:06 | 1 |
| trans-1,3-Dichloropropene | <0.0020 | | 0.0020 | 0.00070 | mg/Kg | | | 12/18/23 11:06 | 1 |
| 1,1,1-Trichloroethane | <0.0020 | | 0.0020 | 0.00067 | mg/Kg | | | 12/18/23 11:06 | 1 |
| 1,1,2-Trichloroethane | <0.0020 | | 0.0020 | 0.00086 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Trichloroethene | <0.0020 | | 0.0020 | 0.00068 | mg/Kg | | | 12/18/23 11:06 | 1 |
| 1,2-Dichloroethane | <0.0050 | | 0.0050 | 0.0016 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Vinyl chloride | <0.0020 | | 0.0020 | 0.00089 | mg/Kg | | | 12/18/23 11:06 | 1 |
| 1,3-Dichloropropene, Total | <0.0020 | | 0.0020 | 0.00070 | mg/Kg | | | 12/18/23 11:06 | 1 |
| Xylenes, Total | <0.0040 | | 0.0040 | 0.00064 | mg/Kg | | | 12/18/23 11:06 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *110* | | *75 - 131* | | *12/18/23 11:06* | *1* |
| *Dibromofluoromethane (Surr)* | *113* | | *75 - 126* | | *12/18/23 11:06* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *70 - 134* | | *12/18/23 11:06* | *1* |
| *Toluene-d8 (Surr)* | *105* | | *75 - 124* | | *12/18/23 11:06* | *1* |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 500-747065/4**
**Matrix: Solid**
**Analysis Batch: 747065**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | | | 0.0500 | 0.0390 | | mg/Kg | | 78 | 40 - 150 | | |
| Benzene | | | 0.0500 | 0.0492 | | mg/Kg | | 98 | 70 - 125 | | |
| Bromodichloromethane | | | 0.0500 | 0.0478 | | mg/Kg | | 96 | 67 - 129 | | |
| Bromoform | | | 0.0500 | 0.0462 | | mg/Kg | | 92 | 68 - 136 | | |
| Bromomethane | | | 0.0500 | 0.0551 | | mg/Kg | | 110 | 70 - 130 | | |
| Carbon disulfide | | | 0.0500 | 0.0562 | | mg/Kg | | 112 | 70 - 129 | | |
| Carbon tetrachloride | | | 0.0500 | 0.0506 | | mg/Kg | | 101 | 75 - 125 | | |
| Chlorobenzene | | | 0.0500 | 0.0449 | | mg/Kg | | 90 | 50 - 150 | | |
| Chloroethane | | | 0.0500 | 0.0495 | | mg/Kg | | 99 | 75 - 125 | | |
| Chloroform | | | 0.0500 | 0.0526 | | mg/Kg | | 105 | 57 - 135 | | |
| Chloromethane | | | 0.0500 | 0.0485 | | mg/Kg | | 97 | 70 - 125 | | |
| cis-1,2-Dichloroethene | | | 0.0500 | 0.0486 | | mg/Kg | | 97 | 70 - 125 | | |
| cis-1,3-Dichloropropene | | | 0.0500 | 0.0473 | | mg/Kg | | 95 | 70 - 125 | | |
| Dibromochloromethane | | | 0.0500 | 0.0432 | | mg/Kg | | 86 | 69 - 125 | | |
| 1,1-Dichloroethane | | | 0.0500 | 0.0502 | | mg/Kg | | 100 | 70 - 125 | | |
| 1,1-Dichloroethene | | | 0.0500 | 0.0523 | | mg/Kg | | 105 | 70 - 120 | | |
| 1,2-Dichloropropane | | | 0.0500 | 0.0487 | | mg/Kg | | 97 | 70 - 125 | | |
| Ethylbenzene | | | 0.0500 | 0.0474 | | mg/Kg | | 95 | 61 - 136 | | |
| 2-Hexanone | | | 0.0500 | 0.0401 | | mg/Kg | | 80 | 48 - 146 | | |
| Methylene Chloride | | | 0.0500 | 0.0505 | | mg/Kg | | 101 | 70 - 126 | | |
| 2-Butanone (MEK) | | | 0.0500 | 0.0385 | | mg/Kg | | 77 | 47 - 138 | | |
| methyl isobutyl ketone | | | 0.0500 | 0.0387 | | mg/Kg | | 77 | 50 - 148 | | |
| Methyl tert-butyl ether | | | 0.0500 | 0.0510 | | mg/Kg | | 102 | 50 - 140 | | |
| Styrene | | | 0.0500 | 0.0504 | | mg/Kg | | 101 | 70 - 125 | | |
| 1,1,2,2-Tetrachloroethane | | | 0.0500 | 0.0479 | | mg/Kg | | 96 | 70 - 122 | | |
| Tetrachloroethene | | | 0.0500 | 0.0450 | | mg/Kg | | 90 | 70 - 124 | | |
| Toluene | | | 0.0500 | 0.0449 | | mg/Kg | | 90 | 70 - 125 | | |
| trans-1,2-Dichloroethene | | | 0.0500 | 0.0492 | | mg/Kg | | 98 | 70 - 125 | | |
| trans-1,3-Dichloropropene | | | 0.0500 | 0.0474 | | mg/Kg | | 95 | 70 - 125 | | |
| 1,1,1-Trichloroethane | | | 0.0500 | 0.0509 | | mg/Kg | | 102 | 70 - 128 | | |
| 1,1,2-Trichloroethane | | | 0.0500 | 0.0434 | | mg/Kg | | 87 | 70 - 125 | | |
| Trichloroethene | | | 0.0500 | 0.0483 | | mg/Kg | | 97 | 70 - 125 | | |
| 1,2-Dichloroethane | | | 0.0500 | 0.0453 | | mg/Kg | | 91 | 70 - 130 | | |
| Vinyl chloride | | | 0.0500 | 0.0508 | | mg/Kg | | 102 | 70 - 125 | | |
| Xylenes, Total | | | 0.100 | 0.0970 | | mg/Kg | | 97 | 53 - 147 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *109* | | *75 - 131* |
| *Dibromofluoromethane (Surr)* | *107* | | *75 - 126* |
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *70 - 134* |
| *Toluene-d8 (Surr)* | *108* | | *75 - 124* |

**Lab Sample ID: LCSD 500-747065/5**
**Matrix: Solid**
**Analysis Batch: 747065**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | | | 0.0500 | 0.0423 | | mg/Kg | | 85 | 40 - 150 | 8 | 30 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCSD 500-747065/5**
**Matrix: Solid**
**Analysis Batch: 747065**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.0500 | 0.0534 | | mg/Kg | | 107 | 70 - 125 | 8 | 30 |
| Bromodichloromethane | | | 0.0500 | 0.0516 | | mg/Kg | | 103 | 67 - 129 | 8 | 30 |
| Bromoform | | | 0.0500 | 0.0503 | | mg/Kg | | 101 | 68 - 136 | 8 | 30 |
| Bromomethane | | | 0.0500 | 0.0564 | | mg/Kg | | 113 | 70 - 130 | 2 | 30 |
| Carbon disulfide | | | 0.0500 | 0.0599 | | mg/Kg | | 120 | 70 - 129 | 6 | 30 |
| Carbon tetrachloride | | | 0.0500 | 0.0535 | | mg/Kg | | 107 | 75 - 125 | 6 | 30 |
| Chlorobenzene | | | 0.0500 | 0.0488 | | mg/Kg | | 98 | 50 - 150 | 8 | 30 |
| Chloroethane | | | 0.0500 | 0.0507 | | mg/Kg | | 101 | 75 - 125 | 2 | 30 |
| Chloroform | | | 0.0500 | 0.0571 | | mg/Kg | | 114 | 57 - 135 | 8 | 30 |
| Chloromethane | | | 0.0500 | 0.0503 | | mg/Kg | | 101 | 70 - 125 | 4 | 30 |
| cis-1,2-Dichloroethene | | | 0.0500 | 0.0523 | | mg/Kg | | 105 | 70 - 125 | 7 | 30 |
| cis-1,3-Dichloropropene | | | 0.0500 | 0.0510 | | mg/Kg | | 102 | 70 - 125 | 8 | 30 |
| Dibromochloromethane | | | 0.0500 | 0.0456 | | mg/Kg | | 91 | 69 - 125 | 6 | 30 |
| 1,1-Dichloroethane | | | 0.0500 | 0.0546 | | mg/Kg | | 109 | 70 - 125 | 8 | 30 |
| 1,1-Dichloroethene | | | 0.0500 | 0.0541 | | mg/Kg | | 108 | 70 - 120 | 3 | 30 |
| 1,2-Dichloropropane | | | 0.0500 | 0.0522 | | mg/Kg | | 104 | 70 - 125 | 7 | 30 |
| Ethylbenzene | | | 0.0500 | 0.0505 | | mg/Kg | | 101 | 61 - 136 | 6 | 30 |
| 2-Hexanone | | | 0.0500 | 0.0441 | | mg/Kg | | 88 | 48 - 146 | 10 | 30 |
| Methylene Chloride | | | 0.0500 | 0.0538 | | mg/Kg | | 108 | 70 - 126 | 6 | 30 |
| 2-Butanone (MEK) | | | 0.0500 | 0.0428 | | mg/Kg | | 86 | 47 - 138 | 11 | 30 |
| methyl isobutyl ketone | | | 0.0500 | 0.0435 | | mg/Kg | | 87 | 50 - 148 | 12 | 30 |
| Methyl tert-butyl ether | | | 0.0500 | 0.0555 | | mg/Kg | | 111 | 50 - 140 | 8 | 30 |
| Styrene | | | 0.0500 | 0.0536 | | mg/Kg | | 107 | 70 - 125 | 6 | 30 |
| 1,1,2,2-Tetrachloroethane | | | 0.0500 | 0.0500 | | mg/Kg | | 100 | 70 - 122 | 4 | 30 |
| Tetrachloroethene | | | 0.0500 | 0.0476 | | mg/Kg | | 95 | 70 - 124 | 6 | 30 |
| Toluene | | | 0.0500 | 0.0481 | | mg/Kg | | 96 | 70 - 125 | 7 | 30 |
| trans-1,2-Dichloroethene | | | 0.0500 | 0.0533 | | mg/Kg | | 107 | 70 - 125 | 8 | 30 |
| trans-1,3-Dichloropropene | | | 0.0500 | 0.0511 | | mg/Kg | | 102 | 70 - 125 | 7 | 30 |
| 1,1,1-Trichloroethane | | | 0.0500 | 0.0541 | | mg/Kg | | 108 | 70 - 128 | 6 | 30 |
| 1,1,2-Trichloroethane | | | 0.0500 | 0.0473 | | mg/Kg | | 95 | 70 - 125 | 9 | 30 |
| Trichloroethene | | | 0.0500 | 0.0515 | | mg/Kg | | 103 | 70 - 125 | 6 | 30 |
| 1,2-Dichloroethane | | | 0.0500 | 0.0496 | | mg/Kg | | 99 | 70 - 130 | 9 | 30 |
| Vinyl chloride | | | 0.0500 | 0.0518 | | mg/Kg | | 104 | 70 - 125 | 2 | 30 |
| Xylenes, Total | | | 0.100 | 0.104 | | mg/Kg | | 104 | 53 - 147 | 7 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *103* | | *75 - 131* |
| *Dibromofluoromethane (Surr)* | *108* | | *75 - 126* |
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *70 - 134* |
| *Toluene-d8 (Surr)* | *106* | | *75 - 124* |

**Lab Sample ID: MB 500-747835/8**
**Matrix: Water**
**Analysis Batch: 747835**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.010 | | 0.010 | 0.0017 | mg/L | | | 12/21/23 21:23 | 1 |
| Benzene | <0.00050 | | 0.00050 | 0.00015 | mg/L | | | 12/21/23 21:23 | 1 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: MB 500-747835/8**
**Matrix: Water**
**Analysis Batch: 747835**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | <0.0010 | | 0.0010 | 0.00037 | mg/L | | | 12/21/23 21:23 | 1 |
| Bromoform | <0.0010 | | 0.0010 | 0.00048 | mg/L | | | 12/21/23 21:23 | 1 |
| Bromomethane | <0.0030 | | 0.0030 | 0.00080 | mg/L | | | 12/21/23 21:23 | 1 |
| Carbon disulfide | <0.0020 | | 0.0020 | 0.00045 | mg/L | | | 12/21/23 21:23 | 1 |
| Carbon tetrachloride | <0.0010 | | 0.0010 | 0.00038 | mg/L | | | 12/21/23 21:23 | 1 |
| Chlorobenzene | <0.0010 | | 0.0010 | 0.00039 | mg/L | | | 12/21/23 21:23 | 1 |
| Chloroethane | <0.0050 | | 0.0050 | 0.00051 | mg/L | | | 12/21/23 21:23 | 1 |
| Chloroform | <0.0020 | | 0.0020 | 0.00037 | mg/L | | | 12/21/23 21:23 | 1 |
| Chloromethane | <0.0050 | | 0.0050 | 0.00032 | mg/L | | | 12/21/23 21:23 | 1 |
| cis-1,2-Dichloroethene | <0.0010 | | 0.0010 | 0.00041 | mg/L | | | 12/21/23 21:23 | 1 |
| cis-1,3-Dichloropropene | <0.0010 | | 0.0010 | 0.00042 | mg/L | | | 12/21/23 21:23 | 1 |
| Dibromochloromethane | <0.0010 | | 0.0010 | 0.00049 | mg/L | | | 12/21/23 21:23 | 1 |
| 1,1-Dichloroethane | <0.0010 | | 0.0010 | 0.00041 | mg/L | | | 12/21/23 21:23 | 1 |
| 1,1-Dichloroethene | <0.0010 | | 0.0010 | 0.00039 | mg/L | | | 12/21/23 21:23 | 1 |
| 1,2-Dichloropropane | <0.0010 | | 0.0010 | 0.00043 | mg/L | | | 12/21/23 21:23 | 1 |
| Ethylbenzene | <0.00050 | | 0.00050 | 0.00018 | mg/L | | | 12/21/23 21:23 | 1 |
| 2-Hexanone | <0.0050 | | 0.0050 | 0.0016 | mg/L | | | 12/21/23 21:23 | 1 |
| Methylene Chloride | <0.0050 | | 0.0050 | 0.0016 | mg/L | | | 12/21/23 21:23 | 1 |
| 2-Butanone (MEK) | <0.0050 | | 0.0050 | 0.0021 | mg/L | | | 12/21/23 21:23 | 1 |
| methyl isobutyl ketone | <0.0050 | | 0.0050 | 0.0022 | mg/L | | | 12/21/23 21:23 | 1 |
| Methyl tert-butyl ether | <0.0010 | | 0.0010 | 0.00039 | mg/L | | | 12/21/23 21:23 | 1 |
| Styrene | <0.0010 | | 0.0010 | 0.00039 | mg/L | | | 12/21/23 21:23 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.0010 | | 0.0010 | 0.00040 | mg/L | | | 12/21/23 21:23 | 1 |
| Tetrachloroethene | <0.0010 | | 0.0010 | 0.00037 | mg/L | | | 12/21/23 21:23 | 1 |
| Toluene | <0.00050 | | 0.00050 | 0.00015 | mg/L | | | 12/21/23 21:23 | 1 |
| trans-1,2-Dichloroethene | <0.0010 | | 0.0010 | 0.00035 | mg/L | | | 12/21/23 21:23 | 1 |
| trans-1,3-Dichloropropene | <0.0010 | | 0.0010 | 0.00036 | mg/L | | | 12/21/23 21:23 | 1 |
| 1,1,1-Trichloroethane | <0.0010 | | 0.0010 | 0.00038 | mg/L | | | 12/21/23 21:23 | 1 |
| 1,1,2-Trichloroethane | <0.0010 | | 0.0010 | 0.00035 | mg/L | | | 12/21/23 21:23 | 1 |
| Trichloroethene | <0.00050 | | 0.00050 | 0.00016 | mg/L | | | 12/21/23 21:23 | 1 |
| 1,2-Dichloroethane | <0.0010 | | 0.0010 | 0.00039 | mg/L | | | 12/21/23 21:23 | 1 |
| Vinyl chloride | <0.0010 | | 0.0010 | 0.00020 | mg/L | | | 12/21/23 21:23 | 1 |
| 1,3-Dichloropropene, Total | <0.0010 | | 0.0010 | 0.00042 | mg/L | | | 12/21/23 21:23 | 1 |
| Xylenes, Total | <0.0010 | | 0.0010 | 0.00022 | mg/L | | | 12/21/23 21:23 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *81* | | *72 - 124* | | *12/21/23 21:23* | *1* |
| *Dibromofluoromethane (Surr)* | *108* | | *75 - 120* | | *12/21/23 21:23* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *111* | | *75 - 126* | | *12/21/23 21:23* | *1* |
| *Toluene-d8 (Surr)* | *101* | | *75 - 120* | | *12/21/23 21:23* | *1* |

**Lab Sample ID: LCS 500-747835/5**
**Matrix: Water**
**Analysis Batch: 747835**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Acetone | 0.0500 | 0.0513 | | mg/L | | 103 | 40 - 143 |
| Benzene | 0.0500 | 0.0474 | | mg/L | | 95 | 70 - 120 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 500-747835/5**
**Matrix: Water**
**Analysis Batch: 747835**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Bromodichloromethane | 0.0500 | 0.0392 | | mg/L | | 78 | 69 - 120 |
| Bromoform | 0.0500 | 0.0432 | | mg/L | | 86 | 56 - 132 |
| Bromomethane | 0.0500 | 0.0378 | | mg/L | | 76 | 40 - 152 |
| Carbon disulfide | 0.0500 | 0.0499 | | mg/L | | 100 | 66 - 120 |
| Carbon tetrachloride | 0.0500 | 0.0582 | | mg/L | | 116 | 59 - 133 |
| Chlorobenzene | 0.0500 | 0.0479 | | mg/L | | 96 | 70 - 120 |
| Chloroethane | 0.0500 | 0.0389 | | mg/L | | 78 | 48 - 136 |
| Chloroform | 0.0500 | 0.0540 | | mg/L | | 108 | 70 - 120 |
| Chloromethane | 0.0500 | 0.0332 | | mg/L | | 66 | 56 - 152 |
| cis-1,2-Dichloroethene | 0.0500 | 0.0469 | | mg/L | | 94 | 70 - 125 |
| cis-1,3-Dichloropropene | 0.0500 | 0.0431 | | mg/L | | 86 | 64 - 127 |
| Dibromochloromethane | 0.0500 | 0.0466 | | mg/L | | 93 | 68 - 125 |
| 1,1-Dichloroethane | 0.0500 | 0.0520 | | mg/L | | 104 | 70 - 125 |
| 1,1-Dichloroethene | 0.0500 | 0.0538 | | mg/L | | 108 | 67 - 122 |
| 1,2-Dichloropropane | 0.0500 | 0.0422 | | mg/L | | 84 | 67 - 130 |
| Ethylbenzene | 0.0500 | 0.0488 | | mg/L | | 98 | 70 - 123 |
| 2-Hexanone | 0.0500 | 0.0400 | | mg/L | | 80 | 54 - 146 |
| Methylene Chloride | 0.0500 | 0.0464 | | mg/L | | 93 | 69 - 125 |
| 2-Butanone (MEK) | 0.0500 | 0.0381 | | mg/L | | 76 | 46 - 144 |
| methyl isobutyl ketone | 0.0500 | 0.0442 | | mg/L | | 88 | 55 - 139 |
| Methyl tert-butyl ether | 0.0500 | 0.0394 | | mg/L | | 79 | 55 - 123 |
| Styrene | 0.0500 | 0.0439 | | mg/L | | 88 | 70 - 120 |
| 1,1,2,2-Tetrachloroethane | 0.0500 | 0.0377 | | mg/L | | 75 | 62 - 140 |
| Tetrachloroethene | 0.0500 | 0.0661 | *+ | mg/L | | 132 | 70 - 128 |
| Toluene | 0.0500 | 0.0519 | | mg/L | | 104 | 70 - 125 |
| trans-1,2-Dichloroethene | 0.0500 | 0.0489 | | mg/L | | 98 | 70 - 125 |
| trans-1,3-Dichloropropene | 0.0500 | 0.0427 | | mg/L | | 85 | 62 - 128 |
| 1,1,1-Trichloroethane | 0.0500 | 0.0531 | | mg/L | | 106 | 70 - 125 |
| 1,1,2-Trichloroethane | 0.0500 | 0.0455 | | mg/L | | 91 | 71 - 130 |
| Trichloroethene | 0.0500 | 0.0514 | | mg/L | | 103 | 70 - 125 |
| 1,2-Dichloroethane | 0.0500 | 0.0486 | | mg/L | | 97 | 68 - 127 |
| Vinyl chloride | 0.0500 | 0.0378 | | mg/L | | 76 | 64 - 126 |
| Xylenes, Total | 0.100 | 0.0949 | | mg/L | | 95 | 70 - 125 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *81* | | *72 - 124* |
| *Dibromofluoromethane (Surr)* | *100* | | *75 - 120* |
| *1,2-Dichloroethane-d4 (Surr)* | *104* | | *75 - 126* |
| *Toluene-d8 (Surr)* | *103* | | *75 - 120* |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 500-747237/1-A**
**Matrix: Water**
**Analysis Batch: 747766**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747237**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | <0.0016 | | 0.0016 | 0.00017 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 1,4-Dichlorobenzene | <0.0016 | | 0.0016 | 0.00017 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 500-747237/1-A**
**Matrix: Water**
**Analysis Batch: 747766**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747237**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichlorobenzene | <0.0016 | | 0.0016 | 0.00020 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2,2'-oxybis[1-chloropropane] | <0.0016 | | 0.0016 | 0.00030 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 1,2,4-Trichlorobenzene | <0.0016 | | 0.0016 | 0.00019 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2,4-Dimethylphenol | <0.0080 | | 0.0080 | 0.0014 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2-Chlorophenol | <0.0040 | | 0.0040 | 0.00045 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2,4-Dichlorophenol | <0.0080 | | 0.0080 | 0.0021 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2-Methylphenol | <0.0016 | | 0.0016 | 0.00024 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2,4,6-Trichlorophenol | <0.0040 | | 0.0040 | 0.00057 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2,4,5-Trichlorophenol | <0.0080 | | 0.0080 | 0.0021 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2-Methylnaphthalene | <0.0016 | | 0.0016 | 0.000052 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2-Nitroaniline | <0.0040 | | 0.0040 | 0.0010 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2-Chloronaphthalene | <0.0016 | | 0.0016 | 0.00019 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2,6-Dinitrotoluene | <0.00080 | | 0.00080 | 0.000059 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 4-Chloro-3-methylphenol | <0.0080 | | 0.0080 | 0.0018 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2-Nitrophenol | <0.0080 | | 0.0080 | 0.0020 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 4-Chloroaniline | <0.0080 | | 0.0080 | 0.0016 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 3-Nitroaniline | <0.0080 | | 0.0080 | 0.0014 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2,4-Dinitrophenol | <0.016 | | 0.016 | 0.0069 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 2,4-Dinitrotoluene | <0.00080 | | 0.00080 | 0.00020 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Acenaphthylene | <0.00080 | | 0.00080 | 0.00021 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Acenaphthene | <0.00080 | | 0.00080 | 0.00025 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 4-Nitrophenol | <0.016 | | 0.016 | 0.0059 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 4-Nitroaniline | <0.0080 | | 0.0080 | 0.0013 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 4-Bromophenyl phenyl ether | <0.0040 | | 0.0040 | 0.00043 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Bis(2-chloroethoxy)methane | <0.0016 | | 0.0016 | 0.00023 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Bis(2-chloroethyl)ether | <0.0016 | | 0.0016 | 0.00023 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 4-Chlorophenyl phenyl ether | <0.0040 | | 0.0040 | 0.00051 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 4,6-Dinitro-2-methylphenol | <0.016 | | 0.016 | 0.0047 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Anthracene | <0.00080 | | 0.00080 | 0.00027 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Dibenzofuran | <0.0016 | | 0.0016 | 0.00021 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Carbazole | <0.0040 | | 0.0040 | 0.00028 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Diethyl phthalate | <0.0040 | | 0.0040 | 0.00029 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Dimethyl phthalate | <0.0040 | | 0.0040 | 0.00025 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Di-n-butyl phthalate | <0.0040 | | 0.0040 | 0.00058 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Butyl benzyl phthalate | <0.0016 | | 0.0016 | 0.00038 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Fluoranthene | <0.00080 | | 0.00080 | 0.00036 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Benzo[a]anthracene | <0.00016 | | 0.00016 | 0.000045 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Fluorene | <0.00080 | | 0.00080 | 0.00020 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Chrysene | <0.00016 | | 0.00016 | 0.000055 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Hexachlorobenzene | <0.00040 | | 0.00040 | 0.000064 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 3,3'-Dichlorobenzidine | <0.0040 | | 0.0040 | 0.0014 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Hexachlorobutadiene | <0.0040 | | 0.0040 | 0.00041 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Bis(2-ethylhexyl) phthalate | <0.0080 | | 0.0080 | 0.0014 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Hexachlorocyclopentadiene | <0.016 | | 0.016 | 0.0051 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Di-n-octyl phthalate | <0.0080 | | 0.0080 | 0.00084 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Hexachloroethane | <0.0040 | | 0.0040 | 0.00048 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Benzo[b]fluoranthene | <0.00016 | | 0.00016 | 0.000065 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Benzo[k]fluoranthene | <0.00016 | | 0.00016 | 0.000051 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Isophorone | <0.0016 | | 0.0016 | 0.00030 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 500-747237/1-A**
**Matrix: Water**
**Analysis Batch: 747766**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747237**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Benzo[a]pyrene | <0.00016 | | 0.00016 | 0.000079 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Naphthalene | <0.00080 | | 0.00080 | 0.00025 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.00016 | | 0.00016 | 0.000060 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Nitrobenzene | <0.00080 | | 0.00080 | 0.00036 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Dibenz(a,h)anthracene | <0.00024 | | 0.00024 | 0.000041 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Benzo[g,h,i]perylene | <0.00080 | | 0.00080 | 0.00030 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| N-Nitrosodi-n-propylamine | <0.00040 | | 0.00040 | 0.00012 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| N-Nitrosodiphenylamine | <0.0016 | | 0.0016 | 0.00030 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Pentachlorophenol | <0.016 | | 0.016 | 0.0032 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Phenanthrene | <0.00080 | | 0.00080 | 0.00024 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Phenol | <0.0040 | | 0.0040 | 0.00054 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| Pyrene | <0.00080 | | 0.00080 | 0.00034 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |
| 3 & 4 Methylphenol | <0.0016 | | 0.0016 | 0.00036 | mg/L | | 12/19/23 07:14 | 12/21/23 11:21 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorophenol (Surr)* | *47* | | *27 - 110* | *12/19/23 07:14* | *12/21/23 11:21* | *1* |
| *Nitrobenzene-d5 (Surr)* | *61* | | *36 - 120* | *12/19/23 07:14* | *12/21/23 11:21* | *1* |
| *2-Fluorobiphenyl (Surr)* | *72* | | *34 - 110* | *12/19/23 07:14* | *12/21/23 11:21* | *1* |
| *2,4,6-Tribromophenol (Surr)* | *97* | | *40 - 145* | *12/19/23 07:14* | *12/21/23 11:21* | *1* |
| *Phenol-d5 (Surr)* | *33* | | *20 - 110* | *12/19/23 07:14* | *12/21/23 11:21* | *1* |
| *Terphenyl-d14 (Surr)* | *106* | | *40 - 145* | *12/19/23 07:14* | *12/21/23 11:21* | *1* |

**Lab Sample ID: LCS 500-747237/2-A**
**Matrix: Water**
**Analysis Batch: 747766**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747237**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | 0.0320 | 0.0171 | | mg/L | | 53 | 22 - 110 |
| 1,4-Dichlorobenzene | 0.0320 | 0.0177 | | mg/L | | 55 | 23 - 110 |
| 1,2-Dichlorobenzene | 0.0320 | 0.0184 | | mg/L | | 57 | 26 - 110 |
| 2,2'-oxybis[1-chloropropane] | 0.0320 | 0.0177 | | mg/L | | 55 | 38 - 140 |
| 1,2,4-Trichlorobenzene | 0.0320 | 0.0213 | | mg/L | | 67 | 26 - 110 |
| 2,4-Dimethylphenol | 0.0320 | 0.0217 | | mg/L | | 68 | 51 - 115 |
| 2-Chlorophenol | 0.0320 | 0.0215 | | mg/L | | 67 | 59 - 110 |
| 2,4-Dichlorophenol | 0.0320 | 0.0270 | | mg/L | | 84 | 58 - 120 |
| 2-Methylphenol | 0.0320 | 0.0192 | | mg/L | | 60 | 53 - 115 |
| 2,4,6-Trichlorophenol | 0.0320 | 0.0293 | | mg/L | | 92 | 62 - 121 |
| 2,4,5-Trichlorophenol | 0.0320 | 0.0301 | | mg/L | | 94 | 63 - 124 |
| 2-Methylnaphthalene | 0.0320 | 0.0218 | | mg/L | | 68 | 34 - 110 |
| 2-Nitroaniline | 0.0320 | 0.0197 | | mg/L | | 62 | 59 - 138 |
| 2-Chloronaphthalene | 0.0320 | 0.0232 | | mg/L | | 72 | 39 - 110 |
| 2,6-Dinitrotoluene | 0.0320 | 0.0336 | | mg/L | | 105 | 63 - 129 |
| 4-Chloro-3-methylphenol | 0.0320 | 0.0228 | | mg/L | | 71 | 64 - 128 |
| 2-Nitrophenol | 0.0320 | 0.0313 | | mg/L | | 98 | 59 - 115 |
| 4-Chloroaniline | 0.0320 | 0.0183 | | mg/L | | 57 | 35 - 128 |
| 3-Nitroaniline | 0.0320 | 0.0270 | | mg/L | | 84 | 47 - 123 |
| 2,4-Dinitrophenol | 0.0640 | 0.0818 | | mg/L | | 128 | 37 - 130 |
| 2,4-Dinitrotoluene | 0.0320 | 0.0333 | | mg/L | | 104 | 63 - 129 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 500-747237/2-A**
**Matrix: Water**
**Analysis Batch: 747766**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747237**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Acenaphthylene | 0.0320 | 0.0238 | | mg/L | | 74 | 47 - 113 |
| Acenaphthene | 0.0320 | 0.0229 | | mg/L | | 72 | 46 - 110 |
| 4-Nitrophenol | 0.0640 | 0.0177 | | mg/L | | 28 | 20 - 110 |
| 4-Nitroaniline | 0.0320 | 0.0281 | | mg/L | | 88 | 35 - 110 |
| 4-Bromophenyl phenyl ether | 0.0320 | 0.0266 | | mg/L | | 83 | 58 - 120 |
| Bis(2-chloroethoxy)methane | 0.0320 | 0.0215 | | mg/L | | 67 | 59 - 118 |
| Bis(2-chloroethyl)ether | 0.0320 | 0.0196 | | mg/L | | 61 | 54 - 112 |
| 4-Chlorophenyl phenyl ether | 0.0320 | 0.0242 | | mg/L | | 76 | 48 - 116 |
| 4,6-Dinitro-2-methylphenol | 0.0640 | 0.0721 | | mg/L | | 113 | 50 - 129 |
| Anthracene | 0.0320 | 0.0261 | | mg/L | | 82 | 67 - 118 |
| Dibenzofuran | 0.0320 | 0.0246 | | mg/L | | 77 | 51 - 110 |
| Carbazole | 0.0320 | 0.0273 | | mg/L | | 85 | 61 - 145 |
| Diethyl phthalate | 0.0320 | 0.0252 | | mg/L | | 79 | 62 - 123 |
| Dimethyl phthalate | 0.0320 | 0.0272 | | mg/L | | 85 | 63 - 122 |
| Di-n-butyl phthalate | 0.0320 | 0.0266 | | mg/L | | 83 | 69 - 129 |
| Butyl benzyl phthalate | 0.0320 | 0.0301 | | mg/L | | 94 | 68 - 135 |
| Fluoranthene | 0.0320 | 0.0287 | | mg/L | | 90 | 68 - 126 |
| Benzo[a]anthracene | 0.0320 | 0.0285 | | mg/L | | 89 | 70 - 126 |
| Fluorene | 0.0320 | 0.0243 | | mg/L | | 76 | 53 - 120 |
| Chrysene | 0.0320 | 0.0305 | | mg/L | | 95 | 68 - 129 |
| Hexachlorobenzene | 0.0320 | 0.0280 | | mg/L | | 87 | 61 - 126 |
| 3,3'-Dichlorobenzidine | 0.0320 | 0.0298 | | mg/L | | 93 | 60 - 132 |
| Hexachlorobutadiene | 0.0320 | 0.0171 | | mg/L | | 54 | 20 - 100 |
| Bis(2-ethylhexyl) phthalate | 0.0320 | 0.0284 | | mg/L | | 89 | 69 - 136 |
| Hexachlorocyclopentadiene | 0.0320 | 0.00657 | J | mg/L | | 21 | 10 - 105 |
| Di-n-octyl phthalate | 0.0320 | 0.0267 | | mg/L | | 84 | 68 - 137 |
| Hexachloroethane | 0.0320 | 0.0133 | | mg/L | | 41 | 20 - 100 |
| Benzo[b]fluoranthene | 0.0320 | 0.0316 | | mg/L | | 99 | 69 - 136 |
| Benzo[k]fluoranthene | 0.0320 | 0.0309 | | mg/L | | 96 | 70 - 133 |
| Isophorone | 0.0320 | 0.0164 | *- | mg/L | | 51 | 54 - 127 |
| Benzo[a]pyrene | 0.0320 | 0.0317 | | mg/L | | 99 | 70 - 135 |
| Naphthalene | 0.0320 | 0.0210 | | mg/L | | 66 | 36 - 110 |
| Indeno[1,2,3-cd]pyrene | 0.0320 | 0.0361 | | mg/L | | 113 | 65 - 133 |
| Nitrobenzene | 0.0320 | 0.0192 | | mg/L | | 60 | 54 - 121 |
| Dibenz(a,h)anthracene | 0.0320 | 0.0366 | | mg/L | | 114 | 70 - 134 |
| Benzo[g,h,i]perylene | 0.0320 | 0.0336 | | mg/L | | 105 | 70 - 135 |
| N-Nitrosodi-n-propylamine | 0.0320 | 0.0184 | | mg/L | | 58 | 47 - 131 |
| N-Nitrosodiphenylamine | 0.0320 | 0.0264 | | mg/L | | 82 | 66 - 120 |
| Pentachlorophenol | 0.0640 | 0.0436 | | mg/L | | 68 | 42 - 148 |
| Phenanthrene | 0.0320 | 0.0260 | | mg/L | | 81 | 65 - 120 |
| Phenol | 0.0320 | 0.0101 | *- | mg/L | | 31 | 33 - 100 |
| Pyrene | 0.0320 | 0.0298 | | mg/L | | 93 | 70 - 126 |
| 3 & 4 Methylphenol | 0.0320 | 0.0190 | | mg/L | | 59 | 50 - 116 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorophenol (Surr)* | *44* | | *27 - 110* |
| *Nitrobenzene-d5 (Surr)* | *63* | | *36 - 120* |
| *2-Fluorobiphenyl (Surr)* | *73* | | *34 - 110* |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 500-747237/2-A**
**Matrix: Water**
**Analysis Batch: 747766**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747237**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *101* | | *40 - 145* |
| *Phenol-d5 (Surr)* | *30* | | *20 - 110* |
| *Terphenyl-d14 (Surr)* | *98* | | *40 - 145* |

**Lab Sample ID: MB 500-748164/1-A**
**Matrix: Solid**
**Analysis Batch: 748209**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 748164**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | <0.17 | | 0.17 | 0.015 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 1,4-Dichlorobenzene | <0.17 | | 0.17 | 0.016 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 1,2-Dichlorobenzene | <0.17 | | 0.17 | 0.014 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2,2'-oxybis[1-chloropropane] | <0.17 | | 0.17 | 0.024 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 1,2,4-Trichlorobenzene | <0.17 | | 0.17 | 0.024 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2,4-Dimethylphenol | <0.33 | | 0.33 | 0.074 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2-Chlorophenol | <0.17 | | 0.17 | 0.011 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2,4-Dichlorophenol | <0.33 | | 0.33 | 0.012 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2-Methylphenol | <0.17 | | 0.17 | 0.018 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2,4,6-Trichlorophenol | <0.33 | | 0.33 | 0.011 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2,4,5-Trichlorophenol | <0.33 | | 0.33 | 0.013 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2-Methylnaphthalene | <0.067 | | 0.067 | 0.0067 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2-Nitroaniline | <0.17 | | 0.17 | 0.018 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2-Chloronaphthalene | <0.17 | | 0.17 | 0.012 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2,6-Dinitrotoluene | <0.17 | | 0.17 | 0.011 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 4-Chloro-3-methylphenol | <0.33 | | 0.33 | 0.013 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2-Nitrophenol | <0.33 | | 0.33 | 0.023 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 4-Chloroaniline | <0.67 | | 0.67 | 0.35 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 3-Nitroaniline | <0.33 | | 0.33 | 0.015 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2,4-Dinitrophenol | <0.67 | | 0.67 | 0.19 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 2,4-Dinitrotoluene | <0.17 | | 0.17 | 0.019 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Acenaphthylene | <0.033 | | 0.033 | 0.0056 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Acenaphthene | <0.033 | | 0.033 | 0.0068 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 4-Nitrophenol | <0.67 | | 0.67 | 0.12 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 4-Nitroaniline | <0.33 | | 0.33 | 0.025 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 4-Bromophenyl phenyl ether | <0.17 | | 0.17 | 0.023 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Bis(2-chloroethoxy)methane | <0.17 | | 0.17 | 0.012 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Bis(2-chloroethyl)ether | <0.17 | | 0.17 | 0.015 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 4-Chlorophenyl phenyl ether | <0.17 | | 0.17 | 0.044 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 4,6-Dinitro-2-methylphenol | <0.67 | | 0.67 | 0.19 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Anthracene | <0.033 | | 0.033 | 0.0068 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Dibenzofuran | <0.17 | | 0.17 | 0.012 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Carbazole | <0.17 | | 0.17 | 0.013 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Diethyl phthalate | <0.17 | | 0.17 | 0.015 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Dimethyl phthalate | <0.17 | | 0.17 | 0.0072 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Di-n-butyl phthalate | <0.17 | | 0.17 | 0.011 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Butyl benzyl phthalate | <0.17 | | 0.17 | 0.017 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Fluoranthene | <0.033 | | 0.033 | 0.0077 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Benzo[a]anthracene | <0.033 | | 0.033 | 0.0070 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 500-748164/1-A**
**Matrix: Solid**
**Analysis Batch: 748209**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 748164**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Fluorene | <0.033 | | 0.033 | 0.0098 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Chrysene | <0.033 | | 0.033 | 0.0088 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Hexachlorobenzene | <0.067 | | 0.067 | 0.0064 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 3,3'-Dichlorobenzidine | <0.17 | | 0.17 | 0.027 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Hexachlorobutadiene | <0.17 | | 0.17 | 0.019 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Bis(2-ethylhexyl) phthalate | <0.17 | | 0.17 | 0.13 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Hexachlorocyclopentadiene | <0.67 | | 0.67 | 0.35 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Di-n-octyl phthalate | <0.33 | | 0.33 | 0.23 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Hexachloroethane | <0.17 | | 0.17 | 0.017 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Benzo[b]fluoranthene | <0.033 | | 0.033 | 0.032 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Benzo[k]fluoranthene | <0.033 | | 0.033 | 0.013 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Isophorone | <0.17 | | 0.17 | 0.017 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Benzo[a]pyrene | <0.033 | | 0.033 | 0.032 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Naphthalene | <0.033 | | 0.033 | 0.0060 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.033 | | 0.033 | 0.032 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Nitrobenzene | <0.033 | | 0.033 | 0.011 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Dibenz(a,h)anthracene | <0.033 | | 0.033 | 0.033 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Benzo[g,h,i]perylene | <0.033 | | 0.033 | 0.0072 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| N-Nitrosodi-n-propylamine | <0.067 | | 0.067 | 0.0066 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| N-Nitrosodiphenylamine | <0.17 | | 0.17 | 0.020 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Pentachlorophenol | <0.67 | | 0.67 | 0.083 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Phenanthrene | <0.033 | | 0.033 | 0.0072 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Phenol | <0.17 | | 0.17 | 0.014 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| Pyrene | <0.033 | | 0.033 | 0.0091 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |
| 3 & 4 Methylphenol | <0.17 | | 0.17 | 0.024 | mg/Kg | | 12/27/23 08:10 | 12/27/23 14:37 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorophenol (Surr)* | *87* | | *31 - 166* | *12/27/23 08:10* | *12/27/23 14:37* | *1* |
| *Nitrobenzene-d5 (Surr)* | *87* | | *37 - 147* | *12/27/23 08:10* | *12/27/23 14:37* | *1* |
| *2-Fluorobiphenyl (Surr)* | *80* | | *43 - 145* | *12/27/23 08:10* | *12/27/23 14:37* | *1* |
| *2,4,6-Tribromophenol (Surr)* | *72* | | *31 - 143* | *12/27/23 08:10* | *12/27/23 14:37* | *1* |
| *Phenol-d5 (Surr)* | *84* | | *30 - 153* | *12/27/23 08:10* | *12/27/23 14:37* | *1* |
| *Terphenyl-d14 (Surr)* | *93* | | *42 - 157* | *12/27/23 08:10* | *12/27/23 14:37* | *1* |

**Lab Sample ID: LCS 500-748164/2-A**
**Matrix: Solid**
**Analysis Batch: 748209**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748164**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | 3.33 | 2.34 | | mg/Kg | | 70 | 47 - 92 |
| 1,4-Dichlorobenzene | 3.33 | 2.34 | | mg/Kg | | 70 | 46 - 92 |
| 1,2-Dichlorobenzene | 3.33 | 2.34 | | mg/Kg | | 70 | 47 - 94 |
| 2,2'-oxybis[1-chloropropane] | 3.33 | 2.33 | | mg/Kg | | 70 | 43 - 111 |
| 1,2,4-Trichlorobenzene | 3.33 | 2.43 | | mg/Kg | | 73 | 49 - 100 |
| 2,4-Dimethylphenol | 3.33 | 2.77 | | mg/Kg | | 83 | 48 - 93 |
| 2-Chlorophenol | 3.33 | 2.46 | | mg/Kg | | 74 | 50 - 102 |
| 2,4-Dichlorophenol | 3.33 | 2.54 | | mg/Kg | | 76 | 51 - 109 |
| 2-Methylphenol | 3.33 | 2.49 | | mg/Kg | | 75 | 50 - 104 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 500-748164/2-A**
**Matrix: Solid**
**Analysis Batch: 748209**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748164**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 2,4,6-Trichlorophenol | 3.33 | 2.63 | | mg/Kg | | 79 | 50 - 121 |
| 2,4,5-Trichlorophenol | 3.33 | 2.58 | | mg/Kg | | 77 | 48 - 121 |
| 2-Methylnaphthalene | 3.33 | 2.53 | | mg/Kg | | 76 | 58 - 103 |
| 2-Nitroaniline | 3.33 | 2.92 | | mg/Kg | | 87 | 61 - 126 |
| 2-Chloronaphthalene | 3.33 | 2.46 | | mg/Kg | | 74 | 60 - 107 |
| 2,6-Dinitrotoluene | 3.33 | 2.79 | | mg/Kg | | 84 | 66 - 117 |
| 4-Chloro-3-methylphenol | 3.33 | 2.67 | | mg/Kg | | 80 | 57 - 113 |
| 2-Nitrophenol | 3.33 | 2.75 | | mg/Kg | | 83 | 41 - 114 |
| 4-Chloroaniline | 3.33 | 2.27 | | mg/Kg | | 68 | 22 - 110 |
| 3-Nitroaniline | 3.33 | 2.68 | | mg/Kg | | 80 | 44 - 124 |
| 2,4-Dinitrophenol | 6.67 | 4.86 | | mg/Kg | | 73 | 10 - 130 |
| 2,4-Dinitrotoluene | 3.33 | 2.84 | | mg/Kg | | 85 | 65 - 120 |
| Acenaphthylene | 3.33 | 2.58 | | mg/Kg | | 77 | 61 - 115 |
| Acenaphthene | 3.33 | 2.59 | | mg/Kg | | 78 | 63 - 109 |
| 4-Nitrophenol | 6.67 | 5.44 | | mg/Kg | | 82 | 45 - 126 |
| 4-Nitroaniline | 3.33 | 2.91 | | mg/Kg | | 87 | 60 - 115 |
| 4-Bromophenyl phenyl ether | 3.33 | 2.60 | | mg/Kg | | 78 | 57 - 124 |
| Bis(2-chloroethoxy)methane | 3.33 | 2.47 | | mg/Kg | | 74 | 54 - 102 |
| Bis(2-chloroethyl)ether | 3.33 | 2.43 | | mg/Kg | | 73 | 49 - 99 |
| 4-Chlorophenyl phenyl ether | 3.33 | 2.52 | | mg/Kg | | 76 | 60 - 112 |
| 4,6-Dinitro-2-methylphenol | 6.67 | 6.12 | | mg/Kg | | 92 | 36 - 138 |
| Anthracene | 3.33 | 2.96 | | mg/Kg | | 89 | 68 - 120 |
| Dibenzofuran | 3.33 | 2.55 | | mg/Kg | | 76 | 64 - 112 |
| Carbazole | 3.33 | 2.91 | | mg/Kg | | 87 | 68 - 120 |
| Diethyl phthalate | 3.33 | 2.68 | | mg/Kg | | 81 | 66 - 115 |
| Dimethyl phthalate | 3.33 | 2.71 | | mg/Kg | | 81 | 65 - 114 |
| Di-n-butyl phthalate | 3.33 | 3.15 | | mg/Kg | | 94 | 69 - 125 |
| Butyl benzyl phthalate | 3.33 | 3.35 | | mg/Kg | | 100 | 65 - 140 |
| Fluoranthene | 3.33 | 3.06 | | mg/Kg | | 92 | 66 - 123 |
| Benzo[a]anthracene | 3.33 | 2.95 | | mg/Kg | | 89 | 70 - 121 |
| Fluorene | 3.33 | 2.75 | | mg/Kg | | 82 | 62 - 113 |
| Chrysene | 3.33 | 3.07 | | mg/Kg | | 92 | 70 - 123 |
| Hexachlorobenzene | 3.33 | 2.77 | | mg/Kg | | 83 | 52 - 126 |
| 3,3'-Dichlorobenzidine | 3.33 | 2.54 | | mg/Kg | | 76 | 36 - 131 |
| Hexachlorobutadiene | 3.33 | 2.48 | | mg/Kg | | 74 | 42 - 103 |
| Bis(2-ethylhexyl) phthalate | 3.33 | 3.36 | | mg/Kg | | 101 | 70 - 139 |
| Hexachlorocyclopentadiene | 3.33 | 1.44 | | mg/Kg | | 43 | 10 - 100 |
| Di-n-octyl phthalate | 3.33 | 3.24 | | mg/Kg | | 97 | 61 - 131 |
| Hexachloroethane | 3.33 | 2.36 | | mg/Kg | | 71 | 45 - 95 |
| Benzo[b]fluoranthene | 3.33 | 3.09 | | mg/Kg | | 93 | 68 - 123 |
| Benzo[k]fluoranthene | 3.33 | 3.15 | | mg/Kg | | 94 | 64 - 128 |
| Isophorone | 3.33 | 2.58 | | mg/Kg | | 77 | 47 - 108 |
| Benzo[a]pyrene | 3.33 | 3.19 | | mg/Kg | | 96 | 73 - 132 |
| Naphthalene | 3.33 | 2.50 | | mg/Kg | | 75 | 54 - 98 |
| Indeno[1,2,3-cd]pyrene | 3.33 | 3.43 | | mg/Kg | | 103 | 66 - 131 |
| Nitrobenzene | 3.33 | 2.60 | | mg/Kg | | 78 | 52 - 105 |
| Dibenz(a,h)anthracene | 3.33 | 3.12 | | mg/Kg | | 94 | 66 - 125 |
| Benzo[g,h,i]perylene | 3.33 | 3.18 | | mg/Kg | | 95 | 65 - 126 |
| N-Nitrosodi-n-propylamine | 3.33 | 2.41 | | mg/Kg | | 72 | 48 - 110 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 500-748164/2-A**
**Matrix: Solid**
**Analysis Batch: 748209**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748164**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| N-Nitrosodiphenylamine | 3.33 | 2.76 | | mg/Kg | | 83 | 67 - 112 |
| Pentachlorophenol | 6.67 | 4.69 | | mg/Kg | | 70 | 32 - 128 |
| Phenanthrene | 3.33 | 2.85 | | mg/Kg | | 85 | 65 - 115 |
| Phenol | 3.33 | 2.50 | | mg/Kg | | 75 | 52 - 110 |
| Pyrene | 3.33 | 3.10 | | mg/Kg | | 93 | 71 - 128 |
| 3 & 4 Methylphenol | 3.33 | 2.43 | | mg/Kg | | 73 | 49 - 109 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorophenol (Surr)* | *76* | | *31 - 166* |
| *Nitrobenzene-d5 (Surr)* | *78* | | *37 - 147* |
| *2-Fluorobiphenyl (Surr)* | *76* | | *43 - 145* |
| *2,4,6-Tribromophenol (Surr)* | *79* | | *31 - 143* |
| *Phenol-d5 (Surr)* | *73* | | *30 - 153* |
| *Terphenyl-d14 (Surr)* | *86* | | *42 - 157* |

**Lab Sample ID: 500-243876-4 MS**
**Matrix: Solid**
**Analysis Batch: 748209**

**Client Sample ID: SS-2**
**Prep Type: Total/NA**
**Prep Batch: 748164**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | <0.19 | F1 | 3.95 | 1.95 | F1 | mg/Kg | ☼ | 50 | 60 - 110 |
| 1,4-Dichlorobenzene | <0.19 | F1 | 3.95 | 2.01 | F1 | mg/Kg | ☼ | 51 | 61 - 110 |
| 1,2-Dichlorobenzene | <0.19 | F1 | 3.95 | 2.03 | F1 | mg/Kg | ☼ | 52 | 62 - 110 |
| 2,2'-oxybis[1-chloropropane] | <0.19 | | 3.95 | 2.20 | | mg/Kg | ☼ | 56 | 40 - 124 |
| 1,2,4-Trichlorobenzene | <0.19 | F1 | 3.95 | 2.20 | F1 | mg/Kg | ☼ | 56 | 66 - 117 |
| 2,4-Dimethylphenol | <0.38 | | 3.95 | 2.62 | | mg/Kg | ☼ | 66 | 60 - 110 |
| 2-Chlorophenol | <0.19 | F1 | 3.95 | 2.34 | F1 | mg/Kg | ☼ | 59 | 64 - 110 |
| 2,4-Dichlorophenol | <0.38 | | 3.95 | 2.63 | | mg/Kg | ☼ | 67 | 58 - 120 |
| 2-Methylphenol | <0.19 | | 3.95 | 2.59 | | mg/Kg | ☼ | 66 | 60 - 120 |
| 2,4,6-Trichlorophenol | <0.38 | | 3.95 | 2.66 | | mg/Kg | ☼ | 67 | 57 - 120 |
| 2,4,5-Trichlorophenol | <0.38 | | 3.95 | 2.66 | | mg/Kg | ☼ | 67 | 50 - 120 |
| 2-Methylnaphthalene | <0.077 | F1 | 3.95 | 2.46 | F1 | mg/Kg | ☼ | 62 | 69 - 112 |
| 2-Nitroaniline | <0.19 | | 3.95 | 3.10 | | mg/Kg | ☼ | 79 | 57 - 124 |
| 2-Chloronaphthalene | <0.19 | F1 | 3.95 | 2.52 | F1 | mg/Kg | ☼ | 64 | 69 - 114 |
| 2,6-Dinitrotoluene | <0.19 | F1 | 3.95 | 2.81 | | mg/Kg | ☼ | 71 | 70 - 123 |
| 4-Chloro-3-methylphenol | <0.38 | | 3.95 | 2.78 | | mg/Kg | ☼ | 71 | 65 - 122 |
| 2-Nitrophenol | <0.38 | | 3.95 | 2.61 | | mg/Kg | ☼ | 66 | 60 - 120 |
| 4-Chloroaniline | <0.77 | | 3.95 | 2.28 | | mg/Kg | ☼ | 58 | 30 - 150 |
| 3-Nitroaniline | <0.38 | | 3.95 | 2.88 | | mg/Kg | ☼ | 73 | 40 - 122 |
| 2,4-Dinitrophenol | <0.77 | | 7.90 | 3.23 | | mg/Kg | ☼ | 41 | 10 - 100 |
| 2,4-Dinitrotoluene | <0.19 | | 3.95 | 2.90 | | mg/Kg | ☼ | 74 | 69 - 124 |
| Acenaphthylene | <0.038 | F1 | 3.95 | 2.69 | | mg/Kg | ☼ | 68 | 68 - 120 |
| Acenaphthene | <0.038 | | 3.95 | 2.64 | | mg/Kg | ☼ | 67 | 65 - 124 |
| 4-Nitrophenol | <0.77 | | 7.90 | 5.87 | | mg/Kg | ☼ | 74 | 30 - 122 |
| 4-Nitroaniline | <0.38 | | 3.95 | 3.02 | | mg/Kg | ☼ | 77 | 60 - 160 |
| 4-Bromophenyl phenyl ether | <0.19 | F1 | 3.95 | 2.59 | F1 | mg/Kg | ☼ | 66 | 68 - 118 |
| Bis(2-chloroethoxy)methane | <0.19 | | 3.95 | 2.41 | | mg/Kg | ☼ | 61 | 60 - 112 |
| Bis(2-chloroethyl)ether | <0.19 | | 3.95 | 2.26 | | mg/Kg | ☼ | 57 | 55 - 111 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 500-243876-4 MS**
**Matrix: Solid**
**Analysis Batch: 748209**

**Client Sample ID: SS-2**
**Prep Type: Total/NA**
**Prep Batch: 748164**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| 4-Chlorophenyl phenyl ether | <0.19 | F1 | 3.95 | 2.43 | | mg/Kg | ☼ | 62 | 62 - 119 |
| 4,6-Dinitro-2-methylphenol | <0.77 | | 7.90 | 5.14 | | mg/Kg | ☼ | 65 | 10 - 110 |
| Anthracene | <0.038 | | 3.95 | 3.07 | | mg/Kg | ☼ | 78 | 70 - 114 |
| Dibenzofuran | <0.19 | F1 | 3.95 | 2.66 | | mg/Kg | ☼ | 67 | 66 - 115 |
| Carbazole | <0.19 | | 3.95 | 3.08 | | mg/Kg | ☼ | 78 | 65 - 142 |
| Diethyl phthalate | <0.19 | | 3.95 | 2.75 | | mg/Kg | ☼ | 70 | 58 - 120 |
| Dimethyl phthalate | <0.19 | F1 | 3.95 | 2.76 | | mg/Kg | ☼ | 70 | 69 - 116 |
| Di-n-butyl phthalate | <0.19 | | 3.95 | 3.37 | | mg/Kg | ☼ | 85 | 65 - 120 |
| Butyl benzyl phthalate | <0.19 | | 3.95 | 3.60 | | mg/Kg | ☼ | 91 | 71 - 129 |
| Fluoranthene | <0.038 | | 3.95 | 3.19 | | mg/Kg | ☼ | 81 | 62 - 120 |
| Benzo[a]anthracene | 0.011 | J | 3.95 | 3.09 | | mg/Kg | ☼ | 78 | 67 - 122 |
| Fluorene | <0.038 | | 3.95 | 2.75 | | mg/Kg | ☼ | 70 | 62 - 120 |
| Chrysene | <0.038 | | 3.95 | 3.18 | | mg/Kg | ☼ | 81 | 63 - 120 |
| Hexachlorobenzene | <0.077 | | 3.95 | 2.67 | | mg/Kg | ☼ | 68 | 63 - 124 |
| 3,3'-Dichlorobenzidine | <0.19 | | 3.95 | 2.20 | | mg/Kg | ☼ | 56 | 35 - 128 |
| Hexachlorobutadiene | <0.19 | F1 | 3.95 | 2.12 | F1 | mg/Kg | ☼ | 54 | 56 - 120 |
| Bis(2-ethylhexyl) phthalate | <0.19 | | 3.95 | 3.56 | | mg/Kg | ☼ | 90 | 72 - 131 |
| Hexachlorocyclopentadiene | <0.77 | | 3.95 | 0.957 | | mg/Kg | ☼ | 24 | 10 - 133 |
| Di-n-octyl phthalate | <0.38 | | 3.95 | 3.59 | | mg/Kg | ☼ | 91 | 68 - 134 |
| Hexachloroethane | <0.19 | F1 | 3.95 | 1.93 | F1 | mg/Kg | ☼ | 49 | 60 - 114 |
| Benzo[b]fluoranthene | <0.038 | | 3.95 | 3.27 | | mg/Kg | ☼ | 83 | 69 - 129 |
| Benzo[k]fluoranthene | <0.038 | | 3.95 | 3.11 | | mg/Kg | ☼ | 79 | 68 - 127 |
| Isophorone | <0.19 | | 3.95 | 2.54 | | mg/Kg | ☼ | 64 | 55 - 110 |
| Benzo[a]pyrene | <0.038 | | 3.95 | 3.35 | | mg/Kg | ☼ | 85 | 65 - 133 |
| Naphthalene | <0.038 | F1 | 3.95 | 2.43 | F1 | mg/Kg | ☼ | 62 | 63 - 110 |
| Indeno[1,2,3-cd]pyrene | <0.038 | | 3.95 | 3.78 | | mg/Kg | ☼ | 96 | 68 - 130 |
| Nitrobenzene | <0.038 | | 3.95 | 2.47 | | mg/Kg | ☼ | 63 | 60 - 116 |
| Dibenz(a,h)anthracene | <0.038 | | 3.95 | 3.30 | | mg/Kg | ☼ | 84 | 64 - 131 |
| Benzo[g,h,i]perylene | <0.038 | | 3.95 | 3.32 | | mg/Kg | ☼ | 84 | 72 - 131 |
| N-Nitrosodi-n-propylamine | <0.077 | | 3.95 | 2.32 | | mg/Kg | ☼ | 59 | 56 - 118 |
| N-Nitrosodiphenylamine | <0.19 | | 3.95 | 2.85 | | mg/Kg | ☼ | 72 | 65 - 112 |
| Pentachlorophenol | <0.77 | | 7.90 | 4.51 | | mg/Kg | ☼ | 57 | 13 - 112 |
| Phenanthrene | <0.038 | | 3.95 | 2.93 | | mg/Kg | ☼ | 74 | 62 - 120 |
| Phenol | <0.19 | | 3.95 | 2.46 | | mg/Kg | ☼ | 62 | 56 - 122 |
| Pyrene | <0.038 | | 3.95 | 3.25 | | mg/Kg | ☼ | 82 | 61 - 128 |
| 3 & 4 Methylphenol | <0.19 | | 3.95 | 2.45 | | mg/Kg | ☼ | 62 | 57 - 120 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorophenol (Surr)* | *60* | | *31 - 166* |
| *Nitrobenzene-d5 (Surr)* | *62* | | *37 - 147* |
| *2-Fluorobiphenyl (Surr)* | *63* | | *43 - 145* |
| *2,4,6-Tribromophenol (Surr)* | *68* | | *31 - 143* |
| *Phenol-d5 (Surr)* | *62* | | *30 - 153* |
| *Terphenyl-d14 (Surr)* | *73* | | *42 - 157* |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 500-243876-4 MSD**
**Matrix: Solid**
**Analysis Batch: 748209**

**Client Sample ID: SS-2**
**Prep Type: Total/NA**
**Prep Batch: 748164**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | <0.19 | F1 | 3.94 | 1.89 | F1 | mg/Kg | ☼ | 48 | 60 - 110 | 3 | 30 |
| 1,4-Dichlorobenzene | <0.19 | F1 | 3.94 | 1.93 | F1 | mg/Kg | ☼ | 49 | 61 - 110 | 4 | 30 |
| 1,2-Dichlorobenzene | <0.19 | F1 | 3.94 | 2.01 | F1 | mg/Kg | ☼ | 51 | 62 - 110 | 1 | 30 |
| 2,2'-oxybis[1-chloropropane] | <0.19 | | 3.94 | 2.17 | | mg/Kg | ☼ | 55 | 40 - 124 | 1 | 30 |
| 1,2,4-Trichlorobenzene | <0.19 | F1 | 3.94 | 2.22 | F1 | mg/Kg | ☼ | 56 | 66 - 117 | 1 | 30 |
| 2,4-Dimethylphenol | <0.38 | | 3.94 | 2.57 | | mg/Kg | ☼ | 65 | 60 - 110 | 2 | 30 |
| 2-Chlorophenol | <0.19 | F1 | 3.94 | 2.36 | F1 | mg/Kg | ☼ | 60 | 64 - 110 | 1 | 30 |
| 2,4-Dichlorophenol | <0.38 | | 3.94 | 2.54 | | mg/Kg | ☼ | 65 | 58 - 120 | 3 | 30 |
| 2-Methylphenol | <0.19 | | 3.94 | 2.51 | | mg/Kg | ☼ | 64 | 60 - 120 | 3 | 30 |
| 2,4,6-Trichlorophenol | <0.38 | | 3.94 | 2.53 | | mg/Kg | ☼ | 64 | 57 - 120 | 5 | 30 |
| 2,4,5-Trichlorophenol | <0.38 | | 3.94 | 2.43 | | mg/Kg | ☼ | 62 | 50 - 120 | 9 | 30 |
| 2-Methylnaphthalene | <0.077 | F1 | 3.94 | 2.47 | F1 | mg/Kg | ☼ | 63 | 69 - 112 | 0 | 30 |
| 2-Nitroaniline | <0.19 | | 3.94 | 2.94 | | mg/Kg | ☼ | 75 | 57 - 124 | 5 | 30 |
| 2-Chloronaphthalene | <0.19 | F1 | 3.94 | 2.45 | F1 | mg/Kg | ☼ | 62 | 69 - 114 | 3 | 30 |
| 2,6-Dinitrotoluene | <0.19 | F1 | 3.94 | 2.72 | F1 | mg/Kg | ☼ | 69 | 70 - 123 | 3 | 30 |
| 4-Chloro-3-methylphenol | <0.38 | | 3.94 | 2.67 | | mg/Kg | ☼ | 68 | 65 - 122 | 4 | 30 |
| 2-Nitrophenol | <0.38 | | 3.94 | 2.66 | | mg/Kg | ☼ | 67 | 60 - 120 | 2 | 30 |
| 4-Chloroaniline | <0.77 | | 3.94 | 2.28 | | mg/Kg | ☼ | 58 | 30 - 150 | 0 | 30 |
| 3-Nitroaniline | <0.38 | | 3.94 | 2.72 | | mg/Kg | ☼ | 69 | 40 - 122 | 6 | 30 |
| 2,4-Dinitrophenol | <0.77 | | 7.88 | 3.14 | | mg/Kg | ☼ | 40 | 10 - 100 | 3 | 30 |
| 2,4-Dinitrotoluene | <0.19 | | 3.94 | 2.75 | | mg/Kg | ☼ | 70 | 69 - 124 | 5 | 30 |
| Acenaphthylene | <0.038 | F1 | 3.94 | 2.61 | F1 | mg/Kg | ☼ | 66 | 68 - 120 | 3 | 30 |
| Acenaphthene | <0.038 | | 3.94 | 2.60 | | mg/Kg | ☼ | 66 | 65 - 124 | 1 | 30 |
| 4-Nitrophenol | <0.77 | | 7.88 | 5.64 | | mg/Kg | ☼ | 72 | 30 - 122 | 4 | 30 |
| 4-Nitroaniline | <0.38 | | 3.94 | 2.93 | | mg/Kg | ☼ | 74 | 60 - 160 | 3 | 30 |
| 4-Bromophenyl phenyl ether | <0.19 | F1 | 3.94 | 2.53 | F1 | mg/Kg | ☼ | 64 | 68 - 118 | 2 | 30 |
| Bis(2-chloroethoxy)methane | <0.19 | | 3.94 | 2.42 | | mg/Kg | ☼ | 62 | 60 - 112 | 0 | 30 |
| Bis(2-chloroethyl)ether | <0.19 | | 3.94 | 2.23 | | mg/Kg | ☼ | 57 | 55 - 111 | 1 | 30 |
| 4-Chlorophenyl phenyl ether | <0.19 | F1 | 3.94 | 2.38 | F1 | mg/Kg | ☼ | 61 | 62 - 119 | 2 | 30 |
| 4,6-Dinitro-2-methylphenol | <0.77 | | 7.88 | 4.99 | | mg/Kg | ☼ | 63 | 10 - 110 | 3 | 30 |
| Anthracene | <0.038 | | 3.94 | 2.95 | | mg/Kg | ☼ | 75 | 70 - 114 | 4 | 30 |
| Dibenzofuran | <0.19 | F1 | 3.94 | 2.57 | F1 | mg/Kg | ☼ | 65 | 66 - 115 | 4 | 30 |
| Carbazole | <0.19 | | 3.94 | 2.97 | | mg/Kg | ☼ | 75 | 65 - 142 | 4 | 30 |
| Diethyl phthalate | <0.19 | | 3.94 | 2.59 | | mg/Kg | ☼ | 66 | 58 - 120 | 6 | 30 |
| Dimethyl phthalate | <0.19 | F1 | 3.94 | 2.62 | F1 | mg/Kg | ☼ | 66 | 69 - 116 | 5 | 30 |
| Di-n-butyl phthalate | <0.19 | | 3.94 | 3.19 | | mg/Kg | ☼ | 81 | 65 - 120 | 6 | 30 |
| Butyl benzyl phthalate | <0.19 | | 3.94 | 3.44 | | mg/Kg | ☼ | 87 | 71 - 129 | 5 | 30 |
| Fluoranthene | <0.038 | | 3.94 | 3.10 | | mg/Kg | ☼ | 79 | 62 - 120 | 3 | 30 |
| Benzo[a]anthracene | 0.011 | J | 3.94 | 3.01 | | mg/Kg | ☼ | 76 | 67 - 122 | 3 | 30 |
| Fluorene | <0.038 | | 3.94 | 2.65 | | mg/Kg | ☼ | 67 | 62 - 120 | 4 | 30 |
| Chrysene | <0.038 | | 3.94 | 3.07 | | mg/Kg | ☼ | 78 | 63 - 120 | 4 | 30 |
| Hexachlorobenzene | <0.077 | | 3.94 | 2.58 | | mg/Kg | ☼ | 66 | 63 - 124 | 3 | 30 |
| 3,3'-Dichlorobenzidine | <0.19 | | 3.94 | 2.18 | | mg/Kg | ☼ | 55 | 35 - 128 | 1 | 30 |
| Hexachlorobutadiene | <0.19 | F1 | 3.94 | 2.17 | F1 | mg/Kg | ☼ | 55 | 56 - 120 | 2 | 30 |
| Bis(2-ethylhexyl) phthalate | <0.19 | | 3.94 | 3.42 | | mg/Kg | ☼ | 87 | 72 - 131 | 4 | 30 |
| Hexachlorocyclopentadiene | <0.77 | | 3.94 | 0.899 | | mg/Kg | ☼ | 23 | 10 - 133 | 6 | 30 |
| Di-n-octyl phthalate | <0.38 | | 3.94 | 3.48 | | mg/Kg | ☼ | 88 | 68 - 134 | 3 | 30 |
| Hexachloroethane | <0.19 | F1 | 3.94 | 1.86 | F1 | mg/Kg | ☼ | 47 | 60 - 114 | 4 | 30 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 500-243876-4 MSD**
**Matrix: Solid**
**Analysis Batch: 748209**

**Client Sample ID: SS-2**
**Prep Type: Total/NA**
**Prep Batch: 748164**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzo[b]fluoranthene | <0.038 | | 3.94 | 3.20 | | mg/Kg | ☼ | 81 | 69 - 129 | 2 | 30 |
| Benzo[k]fluoranthene | <0.038 | | 3.94 | 3.08 | | mg/Kg | ☼ | 78 | 68 - 127 | 1 | 30 |
| Isophorone | <0.19 | | 3.94 | 2.53 | | mg/Kg | ☼ | 64 | 55 - 110 | 0 | 30 |
| Benzo[a]pyrene | <0.038 | | 3.94 | 3.26 | | mg/Kg | ☼ | 83 | 65 - 133 | 3 | 30 |
| Naphthalene | <0.038 | F1 | 3.94 | 2.42 | F1 | mg/Kg | ☼ | 61 | 63 - 110 | 1 | 30 |
| Indeno[1,2,3-cd]pyrene | <0.038 | | 3.94 | 3.66 | | mg/Kg | ☼ | 93 | 68 - 130 | 3 | 30 |
| Nitrobenzene | <0.038 | | 3.94 | 2.52 | | mg/Kg | ☼ | 64 | 60 - 116 | 2 | 30 |
| Dibenz(a,h)anthracene | <0.038 | | 3.94 | 3.23 | | mg/Kg | ☼ | 82 | 64 - 131 | 2 | 30 |
| Benzo[g,h,i]perylene | <0.038 | | 3.94 | 3.22 | | mg/Kg | ☼ | 82 | 72 - 131 | 3 | 30 |
| N-Nitrosodi-n-propylamine | <0.077 | | 3.94 | 2.28 | | mg/Kg | ☼ | 58 | 56 - 118 | 2 | 30 |
| N-Nitrosodiphenylamine | <0.19 | | 3.94 | 2.74 | | mg/Kg | ☼ | 70 | 65 - 112 | 4 | 30 |
| Pentachlorophenol | <0.77 | | 7.88 | 4.48 | | mg/Kg | ☼ | 57 | 13 - 112 | 1 | 30 |
| Phenanthrene | <0.038 | | 3.94 | 2.81 | | mg/Kg | ☼ | 71 | 62 - 120 | 4 | 30 |
| Phenol | <0.19 | | 3.94 | 2.43 | | mg/Kg | ☼ | 62 | 56 - 122 | 1 | 30 |
| Pyrene | <0.038 | | 3.94 | 3.14 | | mg/Kg | ☼ | 80 | 61 - 128 | 3 | 30 |
| 3 & 4 Methylphenol | <0.19 | | 3.94 | 2.37 | | mg/Kg | ☼ | 60 | 57 - 120 | 3 | 30 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorophenol (Surr)* | *60* | | *31 - 166* |
| *Nitrobenzene-d5 (Surr)* | *63* | | *37 - 147* |
| *2-Fluorobiphenyl (Surr)* | *63* | | *43 - 145* |
| *2,4,6-Tribromophenol (Surr)* | *64* | | *31 - 143* |
| *Phenol-d5 (Surr)* | *61* | | *30 - 153* |
| *Terphenyl-d14 (Surr)* | *71* | | *42 - 157* |

## Method: 8081B - Organochlorine Pesticides (GC)

**Lab Sample ID: MB 500-747393/1-A**
**Matrix: Water**
**Analysis Batch: 747612**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747393**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aldrin | <0.000040 | | 0.000040 | 0.000031 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| alpha-BHC | <0.000040 | | 0.000040 | 0.000015 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| 4,4'-DDD | <0.000040 | | 0.000040 | 0.000031 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| cis-Chlordane | <0.000040 | | 0.000040 | 0.000028 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| 4,4'-DDE | <0.000040 | | 0.000040 | 0.000023 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| beta-BHC | <0.000040 | | 0.000040 | 0.000028 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| 4,4'-DDT | <0.000040 | | 0.000040 | 0.000032 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| delta-BHC | <0.000040 | | 0.000040 | 0.000024 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| Dieldrin | <0.000040 | | 0.000040 | 0.000025 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| Endosulfan I | <0.000040 | | 0.000040 | 0.000025 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| Endosulfan II | <0.000040 | | 0.000040 | 0.000039 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| Endosulfan sulfate | <0.000040 | | 0.000040 | 0.000020 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| Endrin | <0.000040 | | 0.000040 | 0.000027 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| Endrin aldehyde | <0.000040 | | 0.000040 | 0.000035 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| Endrin ketone | <0.000040 | | 0.000040 | 0.000040 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| gamma-BHC (Lindane) | <0.000040 | | 0.000040 | 0.000033 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| trans-Chlordane | <0.000040 | | 0.000040 | 0.000032 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: MB 500-747393/1-A**
**Matrix: Water**
**Analysis Batch: 747612**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747393**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Heptachlor | <0.000040 | | 0.000040 | 0.000035 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| Heptachlor epoxide | <0.000040 | | 0.000040 | 0.000030 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| Methoxychlor | <0.000080 | | 0.000080 | 0.000065 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |
| Toxaphene | <0.00040 | | 0.00040 | 0.00039 | mg/L | | 12/19/23 16:29 | 12/20/23 16:34 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *80* | | *30 - 130* | *12/19/23 16:29* | *12/20/23 16:34* | *1* |
| *Tetrachloro-m-xylene* | *78* | | *30 - 120* | *12/19/23 16:29* | *12/20/23 16:34* | *1* |

**Lab Sample ID: LCS 500-747393/2-A**
**Matrix: Water**
**Analysis Batch: 747612**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747393**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Aldrin | 0.000320 | 0.000216 | | mg/L | | 68 | 34 - 120 |
| alpha-BHC | 0.000320 | 0.000236 | | mg/L | | 74 | 65 - 120 |
| 4,4'-DDD | 0.000320 | 0.000247 | | mg/L | | 77 | 69 - 124 |
| cis-Chlordane | 0.000320 | 0.000223 | | mg/L | | 70 | 70 - 120 |
| 4,4'-DDE | 0.000320 | 0.000233 | | mg/L | | 73 | 58 - 122 |
| beta-BHC | 0.000320 | 0.000208 | | mg/L | | 65 | 65 - 120 |
| 4,4'-DDT | 0.000320 | 0.000237 | | mg/L | | 74 | 62 - 127 |
| delta-BHC | 0.000320 | 0.000239 | | mg/L | | 75 | 70 - 122 |
| Dieldrin | 0.000320 | 0.000236 | | mg/L | | 74 | 68 - 120 |
| Endosulfan I | 0.000320 | 0.000226 | | mg/L | | 71 | 35 - 110 |
| Endosulfan II | 0.000320 | 0.000230 | | mg/L | | 72 | 53 - 110 |
| Endosulfan sulfate | 0.000320 | 0.000239 | | mg/L | | 75 | 70 - 133 |
| Endrin | 0.000320 | 0.000242 | | mg/L | | 76 | 60 - 132 |
| Endrin aldehyde | 0.000320 | 0.000247 | | mg/L | | 77 | 66 - 120 |
| Endrin ketone | 0.000320 | 0.000250 | | mg/L | | 78 | 63 - 130 |
| gamma-BHC (Lindane) | 0.000320 | 0.000232 | | mg/L | | 72 | 68 - 120 |
| trans-Chlordane | 0.000320 | 0.000231 | | mg/L | | 72 | 58 - 120 |
| Heptachlor | 0.000320 | 0.000226 | | mg/L | | 71 | 40 - 120 |
| Heptachlor epoxide | 0.000320 | 0.000236 | | mg/L | | 74 | 64 - 120 |
| Methoxychlor | 0.000320 | 0.000226 | | mg/L | | 71 | 63 - 135 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *71* | | *30 - 130* |
| *Tetrachloro-m-xylene* | *62* | | *30 - 120* |

**Lab Sample ID: LCSD 500-747393/3-A**
**Matrix: Water**
**Analysis Batch: 747612**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 747393**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Aldrin | 0.000320 | 0.000215 | | mg/L | | 67 | 34 - 120 | 1 | 20 |
| alpha-BHC | 0.000320 | 0.000231 | | mg/L | | 72 | 65 - 120 | 2 | 20 |
| 4,4'-DDD | 0.000320 | 0.000247 | | mg/L | | 77 | 69 - 124 | 0 | 20 |
| cis-Chlordane | 0.000320 | 0.000226 | | mg/L | | 71 | 70 - 120 | 1 | 20 |

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCSD 500-747393/3-A**
**Matrix: Water**
**Analysis Batch: 747612**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 747393**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDE | | | 0.000320 | 0.000236 | | mg/L | | 74 | 58 - 122 | 1 | 20 |
| beta-BHC | | | 0.000320 | 0.000210 | | mg/L | | 66 | 65 - 120 | 1 | 20 |
| 4,4'-DDT | | | 0.000320 | 0.000227 | | mg/L | | 71 | 62 - 127 | 4 | 20 |
| delta-BHC | | | 0.000320 | 0.000239 | | mg/L | | 75 | 70 - 122 | 0 | 20 |
| Dieldrin | | | 0.000320 | 0.000237 | | mg/L | | 74 | 68 - 120 | 1 | 20 |
| Endosulfan I | | | 0.000320 | 0.000228 | | mg/L | | 71 | 35 - 110 | 1 | 20 |
| Endosulfan II | | | 0.000320 | 0.000227 | | mg/L | | 71 | 53 - 110 | 1 | 20 |
| Endosulfan sulfate | | | 0.000320 | 0.000235 | | mg/L | | 73 | 70 - 133 | 2 | 20 |
| Endrin | | | 0.000320 | 0.000240 | | mg/L | | 75 | 60 - 132 | 1 | 20 |
| Endrin aldehyde | | | 0.000320 | 0.000242 | | mg/L | | 76 | 66 - 120 | 2 | 20 |
| Endrin ketone | | | 0.000320 | 0.000244 | | mg/L | | 76 | 63 - 130 | 2 | 20 |
| gamma-BHC (Lindane) | | | 0.000320 | 0.000232 | | mg/L | | 73 | 68 - 120 | 0 | 20 |
| trans-Chlordane | | | 0.000320 | 0.000229 | | mg/L | | 72 | 58 - 120 | 1 | 20 |
| Heptachlor | | | 0.000320 | 0.000223 | | mg/L | | 70 | 40 - 120 | 1 | 20 |
| Heptachlor epoxide | | | 0.000320 | 0.000236 | | mg/L | | 74 | 64 - 120 | 0 | 20 |
| Methoxychlor | | | 0.000320 | 0.000209 | | mg/L | | 65 | 63 - 135 | 8 | 20 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *66* | | *30 - 130* |
| *Tetrachloro-m-xylene* | *60* | | *30 - 120* |

**Lab Sample ID: MB 500-747691/1-A**
**Matrix: Solid**
**Analysis Batch: 747986**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747691**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aldrin | <0.0017 | | 0.0017 | 0.0012 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| alpha-BHC | <0.0017 | | 0.0017 | 0.00095 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| 4,4'-DDD | <0.0017 | | 0.0017 | 0.00091 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| cis-Chlordane | <0.0017 | | 0.0017 | 0.00090 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| 4,4'-DDE | <0.0017 | | 0.0017 | 0.00087 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| beta-BHC | <0.0017 | | 0.0017 | 0.0014 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| 4,4'-DDT | <0.0017 | | 0.0017 | 0.00080 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| delta-BHC | <0.0017 | | 0.0017 | 0.00081 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| Dieldrin | <0.0017 | | 0.0017 | 0.00088 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| Endosulfan I | <0.0017 | | 0.0017 | 0.00091 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| Endosulfan II | <0.0017 | | 0.0017 | 0.00093 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| Endosulfan sulfate | <0.0017 | | 0.0017 | 0.00093 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| Endrin | <0.0017 | | 0.0017 | 0.00086 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| Endrin aldehyde | <0.0017 | | 0.0017 | 0.00096 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| Endrin ketone | <0.0017 | | 0.0017 | 0.00082 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| gamma-BHC (Lindane) | <0.0017 | | 0.0017 | 0.00084 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| trans-Chlordane | <0.0017 | | 0.0017 | 0.00097 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| Heptachlor | <0.0017 | | 0.0017 | 0.00091 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| Heptachlor epoxide | <0.0017 | | 0.0017 | 0.00091 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| Methoxychlor | <0.0083 | | 0.0083 | 0.0011 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| Toxaphene | <0.017 | | 0.017 | 0.0067 | mg/Kg | | 12/21/23 07:37 | 12/22/23 10:11 | 1 |

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: MB 500-747691/1-A**
**Matrix: Solid**
**Analysis Batch: 747986**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747691**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| DCB Decachlorobiphenyl | 93 | | 33 - 148 | 12/21/23 07:37 | 12/22/23 10:11 | 1 |
| Tetrachloro-m-xylene | 76 | | 30 - 121 | 12/21/23 07:37 | 12/22/23 10:11 | 1 |

**Lab Sample ID: LCS 500-747691/2-A**
**Matrix: Solid**
**Analysis Batch: 747986**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747691**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Aldrin | 0.0133 | 0.0108 | | mg/Kg | | 81 | 52 - 122 |
| alpha-BHC | 0.0133 | 0.0107 | | mg/Kg | | 80 | 50 - 123 |
| 4,4'-DDD | 0.0133 | 0.0126 | | mg/Kg | | 95 | 47 - 137 |
| cis-Chlordane | 0.0133 | 0.0113 | | mg/Kg | | 85 | 52 - 129 |
| 4,4'-DDE | 0.0133 | 0.0137 | | mg/Kg | | 103 | 50 - 130 |
| beta-BHC | 0.0133 | 0.0109 | | mg/Kg | | 82 | 44 - 140 |
| 4,4'-DDT | 0.0133 | 0.0126 | | mg/Kg | | 94 | 46 - 143 |
| delta-BHC | 0.0133 | 0.0115 | | mg/Kg | | 86 | 57 - 125 |
| Dieldrin | 0.0133 | 0.0117 | | mg/Kg | | 88 | 51 - 133 |
| Endosulfan I | 0.0133 | 0.0106 | | mg/Kg | | 80 | 30 - 120 |
| Endosulfan II | 0.0133 | 0.0107 | | mg/Kg | | 80 | 30 - 120 |
| Endosulfan sulfate | 0.0133 | 0.0112 | | mg/Kg | | 84 | 42 - 150 |
| Endrin | 0.0133 | 0.0119 | | mg/Kg | | 90 | 43 - 144 |
| Endrin aldehyde | 0.0133 | 0.0111 | | mg/Kg | | 83 | 39 - 131 |
| Endrin ketone | 0.0133 | 0.0118 | | mg/Kg | | 89 | 51 - 135 |
| gamma-BHC (Lindane) | 0.0133 | 0.0109 | | mg/Kg | | 81 | 50 - 122 |
| trans-Chlordane | 0.0133 | 0.0114 | | mg/Kg | | 86 | 52 - 132 |
| Heptachlor | 0.0133 | 0.0112 | | mg/Kg | | 84 | 53 - 129 |
| Heptachlor epoxide | 0.0133 | 0.0113 | | mg/Kg | | 84 | 50 - 139 |
| Methoxychlor | 0.0133 | 0.0106 | | mg/Kg | | 80 | 45 - 144 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| DCB Decachlorobiphenyl | 89 | | 33 - 148 |
| Tetrachloro-m-xylene | 64 | | 30 - 121 |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 500-747393/1-A**
**Matrix: Water**
**Analysis Batch: 747590**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747393**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | <0.00040 | | 0.00040 | 0.000067 | mg/L | | 12/19/23 16:29 | 12/20/23 15:00 | 1 |
| PCB-1221 | <0.00040 | | 0.00040 | 0.00020 | mg/L | | 12/19/23 16:29 | 12/20/23 15:00 | 1 |
| PCB-1232 | <0.00040 | | 0.00040 | 0.00020 | mg/L | | 12/19/23 16:29 | 12/20/23 15:00 | 1 |
| PCB-1242 | <0.00040 | | 0.00040 | 0.00020 | mg/L | | 12/19/23 16:29 | 12/20/23 15:00 | 1 |
| PCB-1248 | <0.00040 | | 0.00040 | 0.00020 | mg/L | | 12/19/23 16:29 | 12/20/23 15:00 | 1 |
| PCB-1254 | <0.00040 | | 0.00040 | 0.00020 | mg/L | | 12/19/23 16:29 | 12/20/23 15:00 | 1 |
| PCB-1260 | <0.00040 | | 0.00040 | 0.000070 | mg/L | | 12/19/23 16:29 | 12/20/23 15:00 | 1 |
| Polychlorinated biphenyls, Total | <0.00040 | | 0.00040 | 0.00020 | mg/L | | 12/19/23 16:29 | 12/20/23 15:00 | 1 |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: MB 500-747393/1-A**
**Matrix: Water**
**Analysis Batch: 747590**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747393**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 91 | | 30 - 120 | 12/19/23 16:29 | 12/20/23 15:00 | 1 |
| DCB Decachlorobiphenyl | 102 | | 30 - 140 | 12/19/23 16:29 | 12/20/23 15:00 | 1 |

**Lab Sample ID: LCS 500-747393/4-A**
**Matrix: Water**
**Analysis Batch: 747590**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747393**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | | | 0.00400 | 0.00356 | | mg/L | | 89 | 56 - 120 | | |
| PCB-1260 | | | 0.00400 | 0.00357 | | mg/L | | 89 | 53 - 137 | | |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene | 80 | | 30 - 120 |
| DCB Decachlorobiphenyl | 97 | | 30 - 140 |

**Lab Sample ID: LCSD 500-747393/5-A**
**Matrix: Water**
**Analysis Batch: 747590**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 747393**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | | | 0.00400 | 0.00328 | | mg/L | | 82 | 56 - 120 | 8 | 20 |
| PCB-1260 | | | 0.00400 | 0.00324 | | mg/L | | 81 | 53 - 137 | 10 | 20 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene | 79 | | 30 - 120 |
| DCB Decachlorobiphenyl | 87 | | 30 - 140 |

**Lab Sample ID: MB 500-747691/1-A**
**Matrix: Solid**
**Analysis Batch: 747995**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747691**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | <0.017 | | 0.017 | 0.0066 | mg/Kg | | 12/21/23 07:37 | 12/22/23 17:46 | 1 |
| PCB-1221 | <0.017 | | 0.017 | 0.0066 | mg/Kg | | 12/21/23 07:37 | 12/22/23 17:46 | 1 |
| PCB-1232 | <0.017 | | 0.017 | 0.0045 | mg/Kg | | 12/21/23 07:37 | 12/22/23 17:46 | 1 |
| PCB-1242 | <0.017 | | 0.017 | 0.0065 | mg/Kg | | 12/21/23 07:37 | 12/22/23 17:46 | 1 |
| PCB-1248 | <0.017 | | 0.017 | 0.0079 | mg/Kg | | 12/21/23 07:37 | 12/22/23 17:46 | 1 |
| PCB-1254 | <0.017 | | 0.017 | 0.0057 | mg/Kg | | 12/21/23 07:37 | 12/22/23 17:46 | 1 |
| PCB-1260 | <0.017 | | 0.017 | 0.0063 | mg/Kg | | 12/21/23 07:37 | 12/22/23 17:46 | 1 |
| Polychlorinated biphenyls, Total | <0.017 | | 0.017 | 0.0045 | mg/Kg | | 12/21/23 07:37 | 12/22/23 17:46 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| Tetrachloro-m-xylene | 73 | | 49 - 129 | 12/21/23 07:37 | 12/22/23 17:46 | 1 |
| DCB Decachlorobiphenyl | 88 | | 37 - 121 | 12/21/23 07:37 | 12/22/23 17:46 | 1 |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: LCS 500-747691/3-A**
**Matrix: Solid**
**Analysis Batch: 747995**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747691**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | | | 0.167 | 0.124 | | mg/Kg | | 74 | 57 - 120 | | |
| PCB-1260 | | | 0.167 | 0.126 | | mg/Kg | | 75 | 61 - 125 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *Tetrachloro-m-xylene* | *64* | | *49 - 129* |
| *DCB Decachlorobiphenyl* | *77* | | *37 - 121* |

## Method: 6010D - Metals (ICP)

**Lab Sample ID: MB 500-747628/1-A**
**Matrix: Solid**
**Analysis Batch: 747831**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747628**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Antimony | <2.0 | | 2.0 | 0.39 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Arsenic | <1.0 | | 1.0 | 0.34 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Barium | <1.0 | | 1.0 | 0.11 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Beryllium | <0.40 | | 0.40 | 0.093 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Cadmium | 0.0677 | J | 0.20 | 0.036 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Calcium | 29.0 | | 20 | 3.4 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Chromium | <1.0 | | 1.0 | 0.50 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Cobalt | <0.50 | | 0.50 | 0.13 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Copper | <1.0 | | 1.0 | 0.28 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Iron | <20 | | 20 | 10 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Lead | <0.50 | | 0.50 | 0.23 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Magnesium | 17.3 | | 10 | 5.0 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Manganese | <1.0 | | 1.0 | 0.15 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Nickel | <1.0 | | 1.0 | 0.29 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Potassium | <50 | | 50 | 18 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Selenium | <1.0 | | 1.0 | 0.59 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Sodium | <100 | | 100 | 15 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Vanadium | <0.50 | | 0.50 | 0.12 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |
| Zinc | <2.0 | | 2.0 | 0.88 | mg/Kg | | 12/20/23 17:50 | 12/21/23 15:00 | 1 |

**Lab Sample ID: MB 500-747628/1-A**
**Matrix: Solid**
**Analysis Batch: 748043**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747628**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | <20 | | 20 | 8.2 | mg/Kg | | 12/20/23 17:50 | 12/22/23 13:31 | 1 |
| Silver | <0.50 | | 0.50 | 0.13 | mg/Kg | | 12/20/23 17:50 | 12/22/23 13:31 | 1 |
| Thallium | 0.741 | J | 1.0 | 0.50 | mg/Kg | | 12/20/23 17:50 | 12/22/23 13:31 | 1 |

**Lab Sample ID: LCS 500-747628/2-A**
**Matrix: Solid**
**Analysis Batch: 747831**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747628**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | | | 50.0 | 47.3 | | mg/Kg | | 95 | 80 - 120 | | |

## Method: 6010D - Metals (ICP) (Continued)

**Lab Sample ID: LCS 500-747628/2-A**
**Matrix: Solid**
**Analysis Batch: 747831**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747628**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Arsenic | 10.0 | 9.34 | | mg/Kg | | 93 | 80 - 120 |
| Barium | 200 | 198 | | mg/Kg | | 99 | 80 - 120 |
| Beryllium | 5.00 | 4.93 | | mg/Kg | | 99 | 80 - 120 |
| Cadmium | 5.00 | 4.83 | | mg/Kg | | 97 | 80 - 120 |
| Calcium | 1000 | 893 | | mg/Kg | | 89 | 80 - 120 |
| Chromium | 20.0 | 20.1 | | mg/Kg | | 100 | 80 - 120 |
| Cobalt | 50.0 | 50.9 | | mg/Kg | | 102 | 80 - 120 |
| Copper | 25.0 | 24.9 | | mg/Kg | | 100 | 80 - 120 |
| Iron | 100 | 99.9 | | mg/Kg | | 100 | 80 - 120 |
| Lead | 10.0 | 9.39 | | mg/Kg | | 94 | 80 - 120 |
| Magnesium | 1000 | 918 | | mg/Kg | | 92 | 80 - 120 |
| Manganese | 50.0 | 50.4 | | mg/Kg | | 101 | 80 - 120 |
| Nickel | 50.0 | 50.8 | | mg/Kg | | 102 | 80 - 120 |
| Potassium | 1000 | 939 | | mg/Kg | | 94 | 80 - 120 |
| Selenium | 10.0 | 9.09 | | mg/Kg | | 91 | 80 - 120 |
| Sodium | 1000 | 1010 | | mg/Kg | | 101 | 80 - 120 |
| Vanadium | 50.0 | 47.6 | | mg/Kg | | 95 | 80 - 120 |
| Zinc | 50.0 | 49.1 | | mg/Kg | | 98 | 80 - 120 |

**Lab Sample ID: LCS 500-747628/2-A**
**Matrix: Solid**
**Analysis Batch: 748043**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747628**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Aluminum | 200 | 191 | | mg/Kg | | 96 | 80 - 120 |
| Silver | 5.00 | 4.40 | | mg/Kg | | 88 | 80 - 120 |
| Thallium | 10.0 | 9.20 | | mg/Kg | | 92 | 80 - 120 |

## Method: 6020B - Metals (ICP/MS)

**Lab Sample ID: MB 500-747761/1-A**
**Matrix: Water**
**Analysis Batch: 747971**

**Client Sample ID: Method Blank**
**Prep Type: Total Recoverable**
**Prep Batch: 747761**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | <0.10 | | 0.10 | 0.025 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Antimony | <0.0030 | | 0.0030 | 0.0013 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Arsenic | <0.0010 | | 0.0010 | 0.00023 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Barium | <0.0025 | | 0.0025 | 0.00073 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Beryllium | <0.0010 | ^1+ | 0.0010 | 0.00053 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Cadmium | <0.00050 | | 0.00050 | 0.00017 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Calcium | 0.0543 | J | 0.20 | 0.044 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Chromium | <0.0050 | | 0.0050 | 0.0011 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Cobalt | <0.0010 | | 0.0010 | 0.00040 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Copper | <0.0020 | | 0.0020 | 0.00050 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Iron | <0.10 | | 0.10 | 0.047 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Lead | <0.00050 | | 0.00050 | 0.00019 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Magnesium | <0.20 | | 0.20 | 0.049 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Manganese | <0.0025 | | 0.0025 | 0.00079 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |

## Method: 6020B - Metals (ICP/MS) (Continued)

**Lab Sample ID: MB 500-747761/1-A**
**Matrix: Water**
**Analysis Batch: 747971**

**Client Sample ID: Method Blank**
**Prep Type: Total Recoverable**
**Prep Batch: 747761**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Nickel | <0.0020 | | 0.0020 | 0.00063 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Potassium | <0.50 | | 0.50 | 0.11 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Selenium | <0.0025 | | 0.0025 | 0.00098 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Silver | <0.00050 | | 0.00050 | 0.00012 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Sodium | <0.20 | | 0.20 | 0.077 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Thallium | <0.0020 | | 0.0020 | 0.00057 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Vanadium | <0.0050 | | 0.0050 | 0.0022 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |
| Zinc | 0.0103 | J | 0.020 | 0.0069 | mg/L | | 12/21/23 09:14 | 12/21/23 21:38 | 1 |

**Lab Sample ID: LCS 500-747761/2-A**
**Matrix: Water**
**Analysis Batch: 747971**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total Recoverable**
**Prep Batch: 747761**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Aluminum | 2.00 | 2.22 | | mg/L | | 111 | 80 - 120 |
| Antimony | 0.500 | 0.564 | | mg/L | | 113 | 80 - 120 |
| Arsenic | 0.100 | 0.113 | | mg/L | | 113 | 80 - 120 |
| Barium | 0.500 | 0.584 | | mg/L | | 117 | 80 - 120 |
| Beryllium | 0.0500 | 0.0519 | ^1+ | mg/L | | 104 | 80 - 120 |
| Cadmium | 0.0500 | 0.0549 | | mg/L | | 110 | 80 - 120 |
| Calcium | 10.0 | 9.95 | | mg/L | | 99 | 80 - 120 |
| Chromium | 0.200 | 0.231 | | mg/L | | 116 | 80 - 120 |
| Cobalt | 0.500 | 0.580 | | mg/L | | 116 | 80 - 120 |
| Copper | 0.250 | 0.276 | | mg/L | | 110 | 80 - 120 |
| Iron | 1.00 | 1.18 | | mg/L | | 118 | 80 - 120 |
| Lead | 0.100 | 0.117 | | mg/L | | 117 | 80 - 120 |
| Magnesium | 10.0 | 10.9 | | mg/L | | 109 | 80 - 120 |
| Manganese | 0.500 | 0.574 | | mg/L | | 115 | 80 - 120 |
| Nickel | 0.500 | 0.589 | | mg/L | | 118 | 80 - 120 |
| Potassium | 10.0 | 11.5 | | mg/L | | 115 | 80 - 120 |
| Selenium | 0.100 | 0.114 | | mg/L | | 114 | 80 - 120 |
| Silver | 0.0500 | 0.0549 | | mg/L | | 110 | 80 - 120 |
| Sodium | 10.0 | 10.9 | | mg/L | | 109 | 80 - 120 |
| Thallium | 0.100 | 0.119 | | mg/L | | 119 | 80 - 120 |
| Vanadium | 0.500 | 0.567 | | mg/L | | 113 | 80 - 120 |
| Zinc | 0.500 | 0.593 | | mg/L | | 119 | 80 - 120 |

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 500-747798/12-A**
**Matrix: Water**
**Analysis Batch: 748021**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747798**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.00020 | | 0.00020 | 0.000079 | mg/L | | 12/21/23 11:55 | 12/22/23 07:57 | 1 |

## Method: 7470A - Mercury (CVAA) (Continued)

**Lab Sample ID: LCS 500-747798/13-A**
**Matrix: Water**
**Analysis Batch: 748021**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747798**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.00201 | 0.00204 | | mg/L | | 102 | 80 - 120 | | |

**Lab Sample ID: 500-243876-1 MS**
**Matrix: Water**
**Analysis Batch: 748021**

**Client Sample ID: WW01**
**Prep Type: Total/NA**
**Prep Batch: 747798**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.00020 | | 0.00100 | 0.000879 | | mg/L | | 88 | 75 - 125 | | |

**Lab Sample ID: 500-243876-1 MSD**
**Matrix: Water**
**Analysis Batch: 748021**

**Client Sample ID: WW01**
**Prep Type: Total/NA**
**Prep Batch: 747798**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.00020 | | 0.00100 | 0.000923 | | mg/L | | 92 | 75 - 125 | 5 | 20 |

**Lab Sample ID: 500-243876-1 DU**
**Matrix: Water**
**Analysis Batch: 748021**

**Client Sample ID: WW01**
**Prep Type: Total/NA**
**Prep Batch: 747798**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Mercury | <0.00020 | | <0.00020 | | mg/L | | NC | 20 |

## Method: 7471B - Mercury (CVAA)

**Lab Sample ID: MB 500-748350/12-A**
**Matrix: Solid**
**Analysis Batch: 748526**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 748350**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.017 | | 0.017 | 0.0088 | mg/Kg | | 12/28/23 12:45 | 12/29/23 08:10 | 1 |

**Lab Sample ID: LCS 500-748350/13-A**
**Matrix: Solid**
**Analysis Batch: 748526**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748350**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 0.167 | 0.172 | | mg/Kg | | 103 | 80 - 120 | | |

## Method: 9012B - Cyanide, Total andor Amenable

**Lab Sample ID: MB 500-747816/1-A**
**Matrix: Water**
**Analysis Batch: 748464**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747816**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total | <0.0050 | | 0.0050 | 0.0036 | mg/L | | 12/21/23 11:35 | 12/22/23 13:32 | 1 |

## Method: 9012B - Cyanide, Total andor Amenable (Continued)

**Lab Sample ID: LCS 500-747816/2-A**
**Matrix: Water**
**Analysis Batch: 748464**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747816**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 0.100 | 0.0898 | | mg/L | | 90 | 85 - 115 |

**Lab Sample ID: MB 500-748007/1-A**
**Matrix: Solid**
**Analysis Batch: 748558**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 748007**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total | 0.127 | J | 0.24 | 0.12 | mg/Kg | | 12/22/23 10:25 | 12/28/23 23:24 | 1 |

**Lab Sample ID: LCS 500-748007/2-A**
**Matrix: Solid**
**Analysis Batch: 748558**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748007**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 2.40 | 2.90 | *+ | mg/Kg | | 121 | 85 - 115 |

**Lab Sample ID: 500-243876-4 MS**
**Matrix: Solid**
**Analysis Batch: 748558**

**Client Sample ID: SS-2**
**Prep Type: Total/NA**
**Prep Batch: 748007**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total | <0.28 | H F2 F1 * + | 2.76 | 2.43 | | mg/Kg | ☼ | 88 | 75 - 125 |

**Lab Sample ID: 500-243876-4 MSD**
**Matrix: Solid**
**Analysis Batch: 748558**

**Client Sample ID: SS-2**
**Prep Type: Total/NA**
**Prep Batch: 748007**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total | <0.28 | H F2 F1 * + | 2.74 | 1.83 | F2 F1 | mg/Kg | ☼ | 67 | 75 - 125 | 28 | 20 |

## Method: 9040C - pH

**Lab Sample ID: 500-243876-1 DU**
**Matrix: Water**
**Analysis Batch: 747587**

**Client Sample ID: WW01**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| pH | 7.5 | HF | 7.5 | | SU | | 0.4 | 10 |

## Method: 9045D - pH

**Lab Sample ID: 500-243876-3 DU**
**Matrix: Solid**
**Analysis Batch: 747672**

**Client Sample ID: SS-1**
**Prep Type: Total/NA**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| pH | 7.3 | | 5.3 | | SU | | 32 | |

# Lab Chronicle

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

## Client Sample ID: WW01

**Lab Sample ID: 500-243876-1**

**Date Collected: 12/13/23 10:00**
**Matrix: Water**
**Date Received: 12/14/23 09:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 747835 | EA | EET CHI | 12/21/23 22:35 |
| Total/NA | Prep | 3510C | | | 747237 | KL | EET CHI | 12/19/23 07:14 |
| Total/NA | Analysis | 8270E | | 1 | 747766 | JSB | EET CHI | 12/21/23 14:13 |
| Total/NA | Prep | 3510C | | | 747393 | DAK | EET CHI | 12/19/23 16:29 |
| Total/NA | Analysis | 8081B | | 1 | 747612 | SS | EET CHI | 12/20/23 18:23 |
| Total/NA | Prep | 3510C | | | 747393 | DAK | EET CHI | 12/19/23 16:29 |
| Total/NA | Analysis | 8082A | | 1 | 747590 | SS | EET CHI | 12/20/23 15:39 |
| Total Recoverable | Prep | 3005A | | | 747761 | BDE | EET CHI | 12/21/23 09:14 - 12/21/23 15:14 [1] |
| Total Recoverable | Analysis | 6020B | | 1 | 747971 | SJ | EET CHI | 12/21/23 22:19 |
| Total/NA | Prep | 7470A | | | 747798 | MJG | EET CHI | 12/21/23 11:55 - 12/21/23 13:55 [1] |
| Total/NA | Analysis | 7470A | | 1 | 748021 | MJG | EET CHI | 12/22/23 08:12 |
| Total/NA | Prep | 9010C | | | 747816 | KF | EET CHI | 12/21/23 11:35 - 12/21/23 12:05 [1] |
| Total/NA | Analysis | 9012B | | 1 | 748464 | KF | EET CHI | 12/22/23 13:38 |
| Total/NA | Analysis | 9040C | | 1 | 747587 | SO | EET CHI | 12/20/23 12:00 |

## Client Sample ID: PSED 01

**Lab Sample ID: 500-243876-2**

**Date Collected: 12/13/23 09:41**
**Matrix: Solid**
**Date Received: 12/14/23 09:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 9045D | | 1 | 747556 | SO | EET CHI | 12/20/23 12:14 - 12/20/23 12:28 [1] |
| Total/NA | Analysis | Moisture | | 1 | 747318 | LWN | EET CHI | 12/19/23 10:00 |

## Client Sample ID: PSED 01

**Lab Sample ID: 500-243876-2**

**Date Collected: 12/13/23 09:41**
**Matrix: Solid**
**Date Received: 12/14/23 09:45**
**Percent Solids: 29.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 746812 | WRE | EET CHI | 12/14/23 17:24 |
| Total/NA | Analysis | 8260D | | 1 | 747065 | W1T | EET CHI | 12/18/23 15:35 |
| Total/NA | Prep | 3546 | | | 748164 | KL | EET CHI | 12/27/23 08:10 |
| Total/NA | Analysis | 8270E | | 2 | 748366 | JSB | EET CHI | 12/28/23 13:04 |
| Total/NA | Prep | 3541 | | | 747691 | FRG | EET CHI | 12/21/23 07:37 - 12/21/23 11:47 [1] |
| Total/NA | Analysis | 8081B | | 1 | 747986 | SS | EET CHI | 12/22/23 10:46 |
| Total/NA | Prep | 3541 | | | 747691 | FRG | EET CHI | 12/21/23 07:37 - 12/21/23 11:47 [1] |
| Total/NA | Analysis | 8082A | | 1 | 747995 | SS | EET CHI | 12/22/23 18:15 |
| Total/NA | Prep | 3050B | | | 747628 | MC | EET CHI | 12/20/23 17:50 - 12/20/23 22:50 [1] |
| Total/NA | Analysis | 6010D | | 1 | 747831 | SJ | EET CHI | 12/21/23 16:21 |
| Total/NA | Prep | 3050B | | | 747628 | MC | EET CHI | 12/20/23 17:50 - 12/20/23 22:50 [1] |
| Total/NA | Analysis | 6010D | | 1 | 748043 | SJ | EET CHI | 12/22/23 13:41 |
| Total/NA | Prep | 7471B | | | 748350 | MJG | EET CHI | 12/28/23 12:45 |
| Total/NA | Analysis | 7471B | | 1 | 748526 | MJG | EET CHI | 12/29/23 08:13 |
| Total/NA | Prep | 9010C | | | 748007 | KF | EET CHI | 12/22/23 10:25 - 12/22/23 10:55 [1] |
| Total/NA | Analysis | 9012B | | 1 | 748558 | KF | EET CHI | 12/28/23 23:27 |

## Client Sample ID: SS-1

**Lab Sample ID: 500-243876-3**

**Date Collected: 12/13/23 10:09**

**Matrix: Solid**

**Date Received: 12/14/23 09:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 9045D | | 1 | 747672 | LWN | EET CHI | 12/20/23 15:51 |
| Total/NA | Analysis | Moisture | | 1 | 747318 | LWN | EET CHI | 12/19/23 10:00 |

## Client Sample ID: SS-1

**Lab Sample ID: 500-243876-3**

**Date Collected: 12/13/23 10:09**

**Matrix: Solid**

**Date Received: 12/14/23 09:45**

**Percent Solids: 78.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 746812 | WRE | EET CHI | 12/14/23 17:24 |
| Total/NA | Analysis | 8260D | | 1 | 747065 | W1T | EET CHI | 12/18/23 15:59 |
| Total/NA | Prep | 3546 | | | 748164 | KL | EET CHI | 12/27/23 08:10 |
| Total/NA | Analysis | 8270E | | 1 | 748209 | SS | EET CHI | 12/27/23 23:21 |
| Total/NA | Prep | 3541 | | | 747691 | FRG | EET CHI | 12/21/23 07:37 - 12/21/23 11:47 [1] |
| Total/NA | Analysis | 8081B | | 1 | 747986 | SS | EET CHI | 12/22/23 10:57 |
| Total/NA | Prep | 3541 | | | 747691 | FRG | EET CHI | 12/21/23 07:37 - 12/21/23 11:47 [1] |
| Total/NA | Analysis | 8082A | | 1 | 747995 | SS | EET CHI | 12/22/23 18:30 |
| Total/NA | Prep | 3050B | | | 747628 | MC | EET CHI | 12/20/23 17:50 - 12/20/23 22:50 [1] |
| Total/NA | Analysis | 6010D | | 1 | 747831 | SJ | EET CHI | 12/21/23 16:24 |
| Total/NA | Prep | 3050B | | | 747628 | MC | EET CHI | 12/20/23 17:50 - 12/20/23 22:50 [1] |
| Total/NA | Analysis | 6010D | | 1 | 748043 | SJ | EET CHI | 12/22/23 13:45 |
| Total/NA | Prep | 7471B | | | 748350 | MJG | EET CHI | 12/28/23 12:45 |
| Total/NA | Analysis | 7471B | | 1 | 748526 | MJG | EET CHI | 12/29/23 08:15 |
| Total/NA | Prep | 9010C | | | 748007 | KF | EET CHI | 12/22/23 10:25 - 12/22/23 10:55 [1] |
| Total/NA | Analysis | 9012B | | 1 | 748558 | KF | EET CHI | 12/28/23 23:28 |

## Client Sample ID: SS-2

**Lab Sample ID: 500-243876-4**

**Date Collected: 12/13/23 10:21**

**Matrix: Solid**

**Date Received: 12/14/23 09:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 9045D | | 1 | 747672 | LWN | EET CHI | 12/20/23 15:56 |
| Total/NA | Analysis | Moisture | | 1 | 747318 | LWN | EET CHI | 12/19/23 10:00 |

## Client Sample ID: SS-2

**Lab Sample ID: 500-243876-4**

**Date Collected: 12/13/23 10:21**

**Matrix: Solid**

**Date Received: 12/14/23 09:45**

**Percent Solids: 82.5**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 746812 | WRE | EET CHI | 12/14/23 17:24 |
| Total/NA | Analysis | 8260D | | 1 | 747065 | W1T | EET CHI | 12/18/23 16:24 |
| Total/NA | Prep | 3546 | | | 748164 | KL | EET CHI | 12/27/23 08:10 |
| Total/NA | Analysis | 8270E | | 1 | 748209 | SS | EET CHI | 12/27/23 22:07 |
| Total/NA | Prep | 3541 | | | 747691 | FRG | EET CHI | 12/21/23 07:37 - 12/21/23 11:47 [1] |
| Total/NA | Analysis | 8081B | | 1 | 747986 | SS | EET CHI | 12/22/23 11:09 |

# Lab Chronicle

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

## Client Sample ID: SS-2

**Lab Sample ID: 500-243876-4**
**Date Collected: 12/13/23 10:21**
**Matrix: Solid**
**Date Received: 12/14/23 09:45**
**Percent Solids: 82.5**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 3541 | | | 747691 | FRG | EET CHI | 12/21/23 07:37 - 12/21/23 11:47 [1] |
| Total/NA | Analysis | 8082A | | 1 | 747995 | SS | EET CHI | 12/22/23 18:45 |
| Total/NA | Prep | 3050B | | | 747628 | MC | EET CHI | 12/20/23 17:50 - 12/20/23 22:50 [1] |
| Total/NA | Analysis | 6010D | | 1 | 747831 | SJ | EET CHI | 12/21/23 16:28 |
| Total/NA | Prep | 3050B | | | 747628 | MC | EET CHI | 12/20/23 17:50 - 12/20/23 22:50 [1] |
| Total/NA | Analysis | 6010D | | 1 | 748043 | SJ | EET CHI | 12/22/23 13:48 |
| Total/NA | Prep | 7471B | | | 748350 | MJG | EET CHI | 12/28/23 12:45 |
| Total/NA | Analysis | 7471B | | 1 | 748526 | MJG | EET CHI | 12/29/23 08:21 |
| Total/NA | Prep | 9010C | | | 748007 | KF | EET CHI | 12/22/23 10:25 - 12/22/23 10:55 [1] |
| Total/NA | Analysis | 9012B | | 1 | 748558 | KF | EET CHI | 12/28/23 23:30 |

## Client Sample ID: SS-3

**Lab Sample ID: 500-243876-5**
**Date Collected: 12/13/23 10:35**
**Matrix: Solid**
**Date Received: 12/14/23 09:45**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 9045D | | 1 | 747672 | LWN | EET CHI | 12/20/23 15:58 |
| Total/NA | Analysis | Moisture | | 1 | 747318 | LWN | EET CHI | 12/19/23 10:00 |

## Client Sample ID: SS-3

**Lab Sample ID: 500-243876-5**
**Date Collected: 12/13/23 10:35**
**Matrix: Solid**
**Date Received: 12/14/23 09:45**
**Percent Solids: 75.8**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 746812 | WRE | EET CHI | 12/14/23 17:24 |
| Total/NA | Analysis | 8260D | | 1 | 747065 | W1T | EET CHI | 12/18/23 16:48 |
| Total/NA | Prep | 3546 | | | 748164 | KL | EET CHI | 12/27/23 08:10 |
| Total/NA | Analysis | 8270E | | 1 | 748209 | SS | EET CHI | 12/27/23 18:46 |
| Total/NA | Prep | 3541 | | | 747691 | FRG | EET CHI | 12/21/23 07:37 - 12/21/23 11:47 [1] |
| Total/NA | Analysis | 8081B | | 1 | 747986 | SS | EET CHI | 12/22/23 11:20 |
| Total/NA | Prep | 3541 | | | 747691 | FRG | EET CHI | 12/21/23 07:37 - 12/21/23 11:47 [1] |
| Total/NA | Analysis | 8082A | | 1 | 747995 | SS | EET CHI | 12/22/23 19:00 |
| Total/NA | Prep | 3050B | | | 747628 | MC | EET CHI | 12/20/23 17:50 - 12/20/23 22:50 [1] |
| Total/NA | Analysis | 6010D | | 1 | 747831 | SJ | EET CHI | 12/21/23 16:31 |
| Total/NA | Prep | 3050B | | | 747628 | MC | EET CHI | 12/20/23 17:50 - 12/20/23 22:50 [1] |
| Total/NA | Analysis | 6010D | | 1 | 748043 | SJ | EET CHI | 12/22/23 13:52 |
| Total/NA | Prep | 7471B | | | 748350 | MJG | EET CHI | 12/28/23 12:45 |
| Total/NA | Analysis | 7471B | | 1 | 748526 | MJG | EET CHI | 12/29/23 08:23 |
| Total/NA | Prep | 9010C | | | 748007 | KF | EET CHI | 12/22/23 10:25 - 12/22/23 10:55 [1] |
| Total/NA | Analysis | 9012B | | 1 | 748558 | KF | EET CHI | 12/28/23 23:35 |

# Lab Chronicle

Client: Deigan & Associates LLC
Project/Site: 9N636 RT47 Elgin,IL (23-065)

Job ID: 500-243876-1

## Client Sample ID: SS-4

**Date Collected: 12/13/23 10:55**
**Date Received: 12/14/23 09:45**

## Lab Sample ID: 500-243876-6

**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 9045D | | 1 | 747672 | LWN | EET CHI | 12/20/23 16:01 |
| Total/NA | Analysis | Moisture | | 1 | 747318 | LWN | EET CHI | 12/19/23 10:00 |

## Client Sample ID: SS-4

**Date Collected: 12/13/23 10:55**
**Date Received: 12/14/23 09:45**

## Lab Sample ID: 500-243876-6

**Matrix: Solid**
**Percent Solids: 70.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 746812 | WRE | EET CHI | 12/14/23 17:24 |
| Total/NA | Analysis | 8260D | | 1 | 747065 | W1T | EET CHI | 12/18/23 17:13 |
| Total/NA | Prep | 3546 | | | 748164 | KL | EET CHI | 12/27/23 08:10 |
| Total/NA | Analysis | 8270E | | 1 | 748209 | SS | EET CHI | 12/27/23 23:46 |
| Total/NA | Prep | 3541 | | | 747691 | FRG | EET CHI | 12/21/23 07:37 - 12/21/23 11:47 [1] |
| Total/NA | Analysis | 8081B | | 1 | 747986 | SS | EET CHI | 12/22/23 11:32 |
| Total/NA | Prep | 3541 | | | 747691 | FRG | EET CHI | 12/21/23 07:37 - 12/21/23 11:47 [1] |
| Total/NA | Analysis | 8082A | | 1 | 747995 | SS | EET CHI | 12/22/23 19:14 |
| Total/NA | Prep | 3050B | | | 747628 | MC | EET CHI | 12/20/23 17:50 - 12/20/23 22:50 [1] |
| Total/NA | Analysis | 6010D | | 1 | 747831 | SJ | EET CHI | 12/21/23 16:34 |
| Total/NA | Prep | 3050B | | | 747628 | MC | EET CHI | 12/20/23 17:50 - 12/20/23 22:50 [1] |
| Total/NA | Analysis | 6010D | | 1 | 748043 | SJ | EET CHI | 12/22/23 13:55 |
| Total/NA | Prep | 7471B | | | 748350 | MJG | EET CHI | 12/28/23 12:45 |
| Total/NA | Analysis | 7471B | | 1 | 748526 | MJG | EET CHI | 12/29/23 08:25 |
| Total/NA | Prep | 9010C | | | 748007 | KF | EET CHI | 12/22/23 10:25 - 12/22/23 10:55 [1] |
| Total/NA | Analysis | 9012B | | 1 | 748558 | KF | EET CHI | 12/28/23 23:54 |

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

**Laboratory References:**

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# Accreditation/Certification Summary

Client: Deigan & Associates LLC
Job ID: 500-243876-1
Project/Site: 9N636 RT47 Elgin,IL (23-065)

## Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Illinois | NELAP | IL00035 | 04-29-24 |

# Chain of Custody Record

546942

eurofins | Environment Testing TestAmerica

Address _____

**Regulatory Program:** ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

| Client Contact | Project Manager: KNAPP | Site Contact: | Date: 12-13-2023 | COC No |
|---|---|---|---|---|
| Company Name Deigan & Associates LLC | Tel/Email: | Lab Contact: | Carrier: | 1 of 1 COCs |
| Address | **Analysis Turnaround Time** | | | Sampler |
| City/State/Zip | ☐ CALENDAR DAYS ☒ WORKING DAYS | | | **For Lab Use Only:** |
| Phone 847-404-9356 | TAT if different from Below _____ | | | Walk-in Client |
| Fax | ☒ 2 weeks | | | Lab Sampling |
| Project Name 9N636 RT 47 ELGIN IL | ☐ 1 week | | | |
| Site | ☐ 2 days | | | Job / SDG No |
| PO# 23-056 | ☐ 1 day | | | 500-243876 |

500-243876 COC

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=Grab) | Matrix | # of Cont. | Filtered Sample (Y/N) | Perform MS / MSD (Y/N) | TEPA APP1 TCL | Sample Specific Notes |
|---|---|---|---|---|---|---|---|---|---|
| 1 WW01 | 12/13/23 | 10 00A | G | W | 10 | N | N | ✓ | |
| 2 PSED01 | 12/13/23 | 9 41A | G | S | 6 | N | N | ✓ | |
| 3 SS-1 | 12/13/23 | 10 09A | G | S | 6 | N | N | ✓ | |
| 4 SS-2 | 12/13/23 | 10 21A | G | S | 6 | N | N | ✓ | |
| 5 SS-3 | 12/13/23 | 10 35A | G | S | 6 | N | N | ✓ | |
| 6 SS-4 | 12/13/23 | 10 55A | G | S | 6 | N | N | ✓ | |

**Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other** _____

**Possible Hazard Identification:**
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

**Special Instructions/QC Requirements & Comments:**

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd 4.5 Corr'd 4.3 | Therm ID No _____

| Relinquished by | Company | Date/Time | Received by | Company | Date/Time |
|---|---|---|---|---|---|
| Michele Brady | Deigan + Associates | 12/13/23 4PM | FEDEX | | 12/13/23 4 00PM |
| Relinquished by | Company | Date/Time | Received by | Company | Date/Time |
| Relinquished by | Company | Date/Time | Received in Laboratory by | Company | Date/Time |
| | | | | EETA | 12/14/23 0945 |

# Login Sample Receipt Checklist

Client: Deigan & Associates LLC

Job Number: 500-243876-1

**Login Number: 243876**
**List Number: 1**
**Creator: Scott, Sherri L**

**List Source: Eurofins Chicago**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 4.3 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | False | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | True | |

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# ANALYTICAL REPORT

## PREPARED FOR

Attn: Gary Deigan
Deigan & Associates LLC
28835 N. Herky Drive
Unit 120
Lake Bluff, Illinois 60044

Generated 1/9/2024 1:52:37 PM

## JOB DESCRIPTION

9N36 IL 47

## JOB NUMBER

500-244337-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.



my EOL

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

## Authorization



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Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

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**Job Narrative**
**500-244337-1**

**Receipt**
The samples were received on 12/22/2023 10:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.2º C.

**GC/MS VOA**
Method 8260D: Methylene chloride was detected in the following items: SS-5 (5') (500-244337-1) and SS-6 (7') (500-244337-2). Methylene chloride is a known lab contaminant; therefore all low level detects for this compound could be suspected as lab contamination.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC/MS Semi VOA**
Method 8270E: The laboratory control sample (LCS) for preparation batch 500-748902 and analytical batch 500-748833 recovered outside control limits for the following analyte: 2,4-Dimethylphenol. This analyte was biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**GC Semi VOA**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

**Metals**
Method 6010D: The initial low level calibration verification (ICVL) result for batch 749234 was above the upper control limit for Tl. Sample results were non-detects, and have been reported as qualified data.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**General Chemistry**
Method 9012B: Reanalysis of the following sample was performed outside of the analytical holding time due to failing QC in the initial analysis: SS-5 (5') (500-244337-1).

Method 9012B: The laboratory control sample (LCS) for preparation batch 500-748773 and analytical batch 500-749108 recovered outside acceptance limits. Samples were re-prepped out of hold and confirmed initial data therefore only the in-hold data have been reported. SS-5 (5') (500-244337-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

**Organic Prep**
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# Detection Summary

Client: Deigan & Associates LLC
Project/Site: 9N36 IL 47

Job ID: 500-244337-1

## Client Sample ID: SS-5 (5')

**Lab Sample ID: 500-244337-1**

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 0.014 | J | 0.019 | 0.0082 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Benzene | 0.0028 | | 0.0019 | 0.00048 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Carbon disulfide | 0.0016 | J | 0.0047 | 0.00098 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Ethylbenzene | 0.0015 | J | 0.0019 | 0.00090 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Methylene Chloride | 0.0019 | J | 0.0047 | 0.0019 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Toluene | 0.0044 | | 0.0019 | 0.00047 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Xylenes, Total | 0.0030 | J | 0.0038 | 0.00060 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Aluminum | 9700 | | 23 | 9.5 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Arsenic | 6.7 | F1 | 1.2 | 0.40 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Barium | 120 | | 1.2 | 0.13 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Beryllium | 0.60 | | 0.46 | 0.11 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Cadmium | 0.11 | J | 0.23 | 0.042 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Calcium | 5200 | F2 | 23 | 3.9 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Chromium | 16 | | 1.2 | 0.57 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Cobalt | 8.1 | | 0.58 | 0.15 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Copper | 16 | | 1.2 | 0.32 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Iron | 17000 | | 23 | 12 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Lead | 8.8 | | 0.58 | 0.27 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Magnesium | 3500 | F1 F2 | 12 | 5.8 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Manganese | 460 | | 1.2 | 0.17 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Nickel | 29 | | 1.2 | 0.34 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Potassium | 1900 | F1 | 58 | 21 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Sodium | 96 | J | 120 | 17 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Vanadium | 27 | | 0.58 | 0.14 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Zinc | 55 | | 2.3 | 1.0 | mg/Kg | 1 | ☼ | 6010D | Total/NA |
| Mercury | 0.010 | J | 0.019 | 0.0099 | mg/Kg | 1 | ☼ | 7471B | Total/NA |
| pH | 7.9 | | 0.2 | 0.2 | SU | 1 | | 9045D | Total/NA |

## Client Sample ID: SS-6 (7')

**Lab Sample ID: 500-244337-2**

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | 0.011 | J | 0.016 | 0.0068 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Benzene | 0.0025 | | 0.0016 | 0.00040 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Ethylbenzene | 0.0012 | J | 0.0016 | 0.00075 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Methylene Chloride | 0.0015 | J | 0.0039 | 0.0015 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Toluene | 0.0037 | | 0.0016 | 0.00040 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| Xylenes, Total | 0.0024 | J | 0.0031 | 0.00050 | mg/Kg | 1 | ☼ | 8260D | Total/NA |

This Detection Summary does not include radiochemical test results.

# Method Summary

Client: Deigan & Associates LLC
Project/Site: 9N36 IL 47

Job ID: 500-244337-1

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260D | Volatile Organic Compounds by GC/MS | SW846 | EET CHI |
| 8270E | Semivolatile Organic Compounds (GC/MS) | SW846 | EET CHI |
| 8081B | Organochlorine Pesticides (GC) | SW846 | EET CHI |
| 8082A | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | EET CHI |
| 6010D | Metals (ICP) | SW846 | EET CHI |
| 7471B | Mercury (CVAA) | SW846 | EET CHI |
| 9012B | Cyanide, Total andor Amenable | SW846 | EET CHI |
| 9045D | pH | SW846 | EET CHI |
| Moisture | Percent Moisture | EPA | EET CHI |
| 3050B | Preparation, Metals | SW846 | EET CHI |
| 3541 | Automated Soxhlet Extraction | SW846 | EET CHI |
| 3546 | Microwave Extraction | SW846 | EET CHI |
| 5035 | Closed System Purge and Trap | SW846 | EET CHI |
| 7471B | Preparation, Mercury | SW846 | EET CHI |
| 9010C | Cyanide, Distillation | SW846 | EET CHI |

**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# Sample Summary

Client: Deigan & Associates LLC
Project/Site: 9N36 IL 47

Job ID: 500-244337-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Solid | 12/21/23 10:00 | 12/22/23 10:45 |
| 500-244337-2 | SS-6 (7') | Solid | 12/21/23 10:00 | 12/22/23 10:45 |

Client: Deigan & Associates LLC
Project/Site: 9N36 IL 47

Job ID: 500-244337-1

## Client Sample ID: SS-5 (5')

**Date Collected: 12/21/23 10:00**
**Date Received: 12/22/23 10:45**

## Lab Sample ID: 500-244337-1

**Matrix: Solid**
**Percent Solids: 83.1**

### Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Acetone** | **0.014** | **J** | 0.019 | 0.0082 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| **Benzene** | **0.0028** | | 0.0019 | 0.00048 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Bromodichloromethane | <0.0019 | | 0.0019 | 0.00038 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Bromoform | <0.0019 | | 0.0019 | 0.00055 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Bromomethane | <0.0047 | | 0.0047 | 0.0018 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| **Carbon disulfide** | **0.0016** | **J** | 0.0047 | 0.00098 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Carbon tetrachloride | <0.0019 | | 0.0019 | 0.00054 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Chlorobenzene | <0.0019 | | 0.0019 | 0.00069 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Chloroethane | <0.0047 | | 0.0047 | 0.0014 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Chloroform | <0.0019 | | 0.0019 | 0.00065 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Chloromethane | <0.0047 | | 0.0047 | 0.0019 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| cis-1,2-Dichloroethene | <0.0019 | | 0.0019 | 0.00052 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| cis-1,3-Dichloropropene | <0.0019 | | 0.0019 | 0.00057 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Dibromochloromethane | <0.0019 | | 0.0019 | 0.00061 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| 1,1-Dichloroethane | <0.0019 | | 0.0019 | 0.00064 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| 1,2-Dichloroethane | <0.0047 | | 0.0047 | 0.0015 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| 1,1-Dichloroethene | <0.0019 | | 0.0019 | 0.00065 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| 1,2-Dichloropropane | <0.0019 | | 0.0019 | 0.00049 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| 1,3-Dichloropropene, Total | <0.0019 | | 0.0019 | 0.00066 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| **Ethylbenzene** | **0.0015** | **J** | 0.0019 | 0.00090 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| 2-Hexanone | <0.0047 | | 0.0047 | 0.0015 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| **Methylene Chloride** | **0.0019** | **J** | 0.0047 | 0.0019 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| 2-Butanone (MEK) | <0.0047 | | 0.0047 | 0.0021 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| methyl isobutyl ketone | <0.0047 | | 0.0047 | 0.0014 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Methyl tert-butyl ether | <0.0019 | | 0.0019 | 0.00055 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Styrene | <0.0019 | | 0.0019 | 0.00057 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.0019 | | 0.0019 | 0.00060 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Tetrachloroethene | <0.0019 | | 0.0019 | 0.00064 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| **Toluene** | **0.0044** | | 0.0019 | 0.00047 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| trans-1,2-Dichloroethene | <0.0019 | | 0.0019 | 0.00083 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| trans-1,3-Dichloropropene | <0.0019 | | 0.0019 | 0.00066 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| 1,1,1-Trichloroethane | <0.0019 | | 0.0019 | 0.00063 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| 1,1,2-Trichloroethane | <0.0019 | | 0.0019 | 0.00081 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Trichloroethene | <0.0019 | | 0.0019 | 0.00063 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| Vinyl chloride | <0.0019 | | 0.0019 | 0.00083 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |
| **Xylenes, Total** | **0.0030** | **J** | 0.0038 | 0.00060 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 15:43 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *104* | | *75 - 131* | *12/21/23 10:00* | *12/29/23 15:43* | *1* |
| *Dibromofluoromethane (Surr)* | *123* | | *75 - 126* | *12/21/23 10:00* | *12/29/23 15:43* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *117* | | *70 - 134* | *12/21/23 10:00* | *12/29/23 15:43* | *1* |
| *Toluene-d8 (Surr)* | *93* | | *75 - 124* | *12/21/23 10:00* | *12/29/23 15:43* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Phenol | <0.19 | | 0.19 | 0.017 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Bis(2-chloroethyl)ether | <0.19 | | 0.19 | 0.018 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 1,3-Dichlorobenzene | <0.19 | | 0.19 | 0.018 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 1,4-Dichlorobenzene | <0.19 | | 0.19 | 0.018 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 1,2-Dichlorobenzene | <0.19 | | 0.19 | 0.016 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |

Client: Deigan & Associates LLC
Project/Site: 9N36 IL 47

Job ID: 500-244337-1

**Client Sample ID: SS-5 (5')**
**Date Collected: 12/21/23 10:00**
**Date Received: 12/22/23 10:45**

**Lab Sample ID: 500-244337-1**
**Matrix: Solid**
**Percent Solids: 83.1**

**Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Methylphenol | <0.19 | | 0.19 | 0.020 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2,2'-oxybis[1-chloropropane] | <0.19 | | 0.19 | 0.028 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| N-Nitrosodi-n-propylamine | <0.078 | | 0.078 | 0.0076 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Hexachloroethane | <0.19 | | 0.19 | 0.019 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2-Chlorophenol | <0.19 | | 0.19 | 0.012 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Nitrobenzene | <0.039 | | 0.039 | 0.012 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Bis(2-chloroethoxy)methane | <0.19 | | 0.19 | 0.014 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 1,2,4-Trichlorobenzene | <0.19 | | 0.19 | 0.028 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Isophorone | <0.19 | | 0.19 | 0.020 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2,4-Dimethylphenol | <0.39 | *+ | 0.39 | 0.087 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Hexachlorobutadiene | <0.19 | | 0.19 | 0.022 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Naphthalene | <0.039 | | 0.039 | 0.0070 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2,4-Dichlorophenol | <0.39 | | 0.39 | 0.014 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 4-Chloroaniline | <0.78 | | 0.78 | 0.41 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2,4,6-Trichlorophenol | <0.39 | | 0.39 | 0.013 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2,4,5-Trichlorophenol | <0.39 | | 0.39 | 0.015 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Hexachlorocyclopentadiene | <0.78 | | 0.78 | 0.41 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2-Methylnaphthalene | <0.078 | | 0.078 | 0.0078 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2-Nitroaniline | <0.19 | | 0.19 | 0.021 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2-Chloronaphthalene | <0.19 | | 0.19 | 0.014 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 4-Chloro-3-methylphenol | <0.39 | | 0.39 | 0.015 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2,6-Dinitrotoluene | <0.19 | | 0.19 | 0.013 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2-Nitrophenol | <0.39 | | 0.39 | 0.026 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 3-Nitroaniline | <0.39 | | 0.39 | 0.018 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Dimethyl phthalate | <0.19 | | 0.19 | 0.0084 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2,4-Dinitrophenol | <0.78 | | 0.78 | 0.22 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Acenaphthylene | <0.039 | | 0.039 | 0.0066 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 2,4-Dinitrotoluene | <0.19 | | 0.19 | 0.022 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Acenaphthene | <0.039 | | 0.039 | 0.0079 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Dibenzofuran | <0.19 | | 0.19 | 0.014 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 4-Nitrophenol | <0.78 | | 0.78 | 0.14 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Fluorene | <0.039 | | 0.039 | 0.011 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 4-Nitroaniline | <0.39 | | 0.39 | 0.029 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 4-Bromophenyl phenyl ether | <0.19 | | 0.19 | 0.026 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Hexachlorobenzene | <0.078 | | 0.078 | 0.0074 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Diethyl phthalate | <0.19 | | 0.19 | 0.018 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 4-Chlorophenyl phenyl ether | <0.19 | | 0.19 | 0.051 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Pentachlorophenol | <0.78 | | 0.78 | 0.097 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| N-Nitrosodiphenylamine | <0.19 | | 0.19 | 0.023 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 4,6-Dinitro-2-methylphenol | <0.78 | | 0.78 | 0.22 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Phenanthrene | <0.039 | | 0.039 | 0.0084 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Anthracene | <0.039 | | 0.039 | 0.0079 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Carbazole | <0.19 | | 0.19 | 0.015 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Di-n-butyl phthalate | <0.19 | | 0.19 | 0.012 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Fluoranthene | <0.039 | | 0.039 | 0.0090 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Pyrene | <0.039 | | 0.039 | 0.011 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Butyl benzyl phthalate | <0.19 | | 0.19 | 0.019 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Benzo[a]anthracene | <0.039 | | 0.039 | 0.0082 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Chrysene | <0.039 | | 0.039 | 0.010 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |

**Client Sample ID: SS-5 (5')**
**Date Collected: 12/21/23 10:00**
**Date Received: 12/22/23 10:45**

**Lab Sample ID: 500-244337-1**
**Matrix: Solid**
**Percent Solids: 83.1**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 3,3'-Dichlorobenzidine | <0.19 | | 0.19 | 0.032 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Bis(2-ethylhexyl) phthalate | <0.19 | | 0.19 | 0.15 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Di-n-octyl phthalate | <0.39 | | 0.39 | 0.27 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Benzo[b]fluoranthene | <0.039 | | 0.039 | 0.037 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Benzo[k]fluoranthene | <0.039 | | 0.039 | 0.015 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Benzo[a]pyrene | <0.039 | | 0.039 | 0.037 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.039 | | 0.039 | 0.038 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Dibenz(a,h)anthracene | <0.039 | | 0.039 | 0.039 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| Benzo[g,h,i]perylene | <0.039 | | 0.039 | 0.0084 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |
| 3 & 4 Methylphenol | <0.19 | | 0.19 | 0.028 | mg/Kg | ☼ | 01/03/24 10:25 | 01/04/24 00:14 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorophenol (Surr)* | *87* | | *31 - 166* | *01/03/24 10:25* | *01/04/24 00:14* | *1* |
| *Phenol-d5 (Surr)* | *86* | | *30 - 153* | *01/03/24 10:25* | *01/04/24 00:14* | *1* |
| *Nitrobenzene-d5 (Surr)* | *87* | | *37 - 147* | *01/03/24 10:25* | *01/04/24 00:14* | *1* |
| *2-Fluorobiphenyl (Surr)* | *89* | | *43 - 145* | *01/03/24 10:25* | *01/04/24 00:14* | *1* |
| *2,4,6-Tribromophenol (Surr)* | *90* | | *31 - 143* | *01/03/24 10:25* | *01/04/24 00:14* | *1* |
| *Terphenyl-d14 (Surr)* | *98* | | *42 - 157* | *01/03/24 10:25* | *01/04/24 00:14* | *1* |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aldrin | <0.0020 | | 0.0020 | 0.0013 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| alpha-BHC | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| cis-Chlordane | <0.0020 | | 0.0020 | 0.0010 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| beta-BHC | <0.0020 | | 0.0020 | 0.0016 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| 4,4'-DDD | <0.0020 | | 0.0020 | 0.0010 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| 4,4'-DDE | <0.0020 | | 0.0020 | 0.0010 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| 4,4'-DDT | <0.0020 | | 0.0020 | 0.00092 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| delta-BHC | <0.0020 | | 0.0020 | 0.00093 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| Dieldrin | <0.0020 | | 0.0020 | 0.0010 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| Endosulfan I | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| Endosulfan II | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| Endosulfan sulfate | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| Endrin | <0.0020 | | 0.0020 | 0.00099 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| Endrin aldehyde | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| Endrin ketone | <0.0020 | | 0.0020 | 0.00095 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| gamma-BHC (Lindane) | <0.0020 | | 0.0020 | 0.00097 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| trans-Chlordane | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| Heptachlor | <0.0020 | | 0.0020 | 0.0011 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| Heptachlor epoxide | <0.0020 | | 0.0020 | 0.0010 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| Methoxychlor | <0.0096 | | 0.0096 | 0.0013 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |
| Toxaphene | <0.019 | | 0.019 | 0.0078 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 15:56 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *84* | | *33 - 148* | *01/02/24 07:24* | *01/03/24 15:56* | *1* |
| *Tetrachloro-m-xylene* | *69* | | *30 - 121* | *01/02/24 07:24* | *01/03/24 15:56* | *1* |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | <0.019 | | 0.019 | 0.0075 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 18:33 | 1 |

## Client Sample ID: SS-5 (5')

**Date Collected: 12/21/23 10:00**
**Date Received: 12/22/23 10:45**

## Lab Sample ID: 500-244337-1

**Matrix: Solid**
**Percent Solids: 83.1**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1221 | <0.019 | | 0.019 | 0.0075 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 18:33 | 1 |
| PCB-1232 | <0.019 | | 0.019 | 0.0052 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 18:33 | 1 |
| PCB-1242 | <0.019 | | 0.019 | 0.0075 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 18:33 | 1 |
| PCB-1248 | <0.019 | | 0.019 | 0.0091 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 18:33 | 1 |
| PCB-1254 | <0.019 | | 0.019 | 0.0065 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 18:33 | 1 |
| PCB-1260 | <0.019 | | 0.019 | 0.0072 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 18:33 | 1 |
| Polychlorinated biphenyls, Total | <0.019 | | 0.019 | 0.0052 | mg/Kg | ☼ | 01/02/24 07:24 | 01/03/24 18:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *55* | | *49 - 129* | *01/02/24 07:24* | *01/03/24 18:33* | *1* |
| *DCB Decachlorobiphenyl* | *63* | | *37 - 121* | *01/02/24 07:24* | *01/03/24 18:33* | *1* |

### Method: SW846 6010D - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **9700** | | 23 | 9.5 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| Antimony | <2.3 | F1 | 2.3 | 0.45 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Arsenic** | **6.7** | **F1** | 1.2 | 0.40 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Barium** | **120** | | 1.2 | 0.13 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Beryllium** | **0.60** | | 0.46 | 0.11 | mg/Kg | ☼ | 01/03/24 09:12 | 01/05/24 16:51 | 1 |
| **Cadmium** | **0.11** | **J** | 0.23 | 0.042 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Calcium** | **5200** | **F2** | 23 | 3.9 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Chromium** | **16** | | 1.2 | 0.57 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Cobalt** | **8.1** | | 0.58 | 0.15 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Copper** | **16** | | 1.2 | 0.32 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Iron** | **17000** | | 23 | 12 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Lead** | **8.8** | | 0.58 | 0.27 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Magnesium** | **3500** | **F1 F2** | 12 | 5.8 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Manganese** | **460** | | 1.2 | 0.17 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Nickel** | **29** | | 1.2 | 0.34 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Potassium** | **1900** | **F1** | 58 | 21 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| Selenium | <1.2 | F1 | 1.2 | 0.68 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| Silver | <0.58 | | 0.58 | 0.15 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Sodium** | **96** | **J** | 120 | 17 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| Thallium | <1.2 | ^1+ F1 | 1.2 | 0.58 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Vanadium** | **27** | | 0.58 | 0.14 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |
| **Zinc** | **55** | | 2.3 | 1.0 | mg/Kg | ☼ | 01/03/24 09:12 | 01/04/24 20:59 | 1 |

### Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.010** | **J** | 0.019 | 0.0099 | mg/Kg | ☼ | 01/04/24 15:10 | 01/05/24 10:17 | 1 |

### General Chemistry

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total (SW846 9012B) | <0.27 | *- | 0.27 | 0.13 | mg/Kg | ☼ | 01/02/24 14:17 | 01/04/24 12:13 | 1 |
| **pH (SW846 9045D)** | **7.9** | | 0.2 | 0.2 | SU | | | 12/28/23 20:01 | 1 |

Client: Deigan & Associates LLC
Project/Site: 9N36 IL 47

Job ID: 500-244337-1

**Client Sample ID: SS-6 (7')**
**Date Collected: 12/21/23 10:00**
**Date Received: 12/22/23 10:45**

**Lab Sample ID: 500-244337-2**
**Matrix: Solid**
**Percent Solids: 87.9**

## Method: SW846 8260D - Volatile Organic Compounds by GC/MS

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Acetone** | **0.011** | **J** | 0.016 | 0.0068 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| **Benzene** | **0.0025** | | 0.0016 | 0.00040 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Bromodichloromethane | <0.0016 | | 0.0016 | 0.00032 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Bromoform | <0.0016 | | 0.0016 | 0.00046 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Bromomethane | <0.0039 | | 0.0039 | 0.0015 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Carbon disulfide | <0.0039 | | 0.0039 | 0.00081 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Carbon tetrachloride | <0.0016 | | 0.0016 | 0.00045 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Chlorobenzene | <0.0016 | | 0.0016 | 0.00058 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Chloroethane | <0.0039 | | 0.0039 | 0.0012 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Chloroform | <0.0016 | | 0.0016 | 0.00054 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Chloromethane | <0.0039 | | 0.0039 | 0.0016 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| cis-1,2-Dichloroethene | <0.0016 | | 0.0016 | 0.00044 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| cis-1,3-Dichloropropene | <0.0016 | | 0.0016 | 0.00047 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Dibromochloromethane | <0.0016 | | 0.0016 | 0.00051 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| 1,1-Dichloroethane | <0.0016 | | 0.0016 | 0.00054 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| 1,2-Dichloroethane | <0.0039 | | 0.0039 | 0.0012 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| 1,1-Dichloroethene | <0.0016 | | 0.0016 | 0.00054 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| 1,2-Dichloropropane | <0.0016 | | 0.0016 | 0.00040 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| 1,3-Dichloropropene, Total | <0.0016 | | 0.0016 | 0.00055 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| **Ethylbenzene** | **0.0012** | **J** | 0.0016 | 0.00075 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| 2-Hexanone | <0.0039 | | 0.0039 | 0.0012 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| **Methylene Chloride** | **0.0015** | **J** | 0.0039 | 0.0015 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| 2-Butanone (MEK) | <0.0039 | | 0.0039 | 0.0017 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| methyl isobutyl ketone | <0.0039 | | 0.0039 | 0.0012 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Methyl tert-butyl ether | <0.0016 | | 0.0016 | 0.00046 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Styrene | <0.0016 | | 0.0016 | 0.00047 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.0016 | | 0.0016 | 0.00050 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Tetrachloroethene | <0.0016 | | 0.0016 | 0.00053 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| **Toluene** | **0.0037** | | 0.0016 | 0.00040 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| trans-1,2-Dichloroethene | <0.0016 | | 0.0016 | 0.00069 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| trans-1,3-Dichloropropene | <0.0016 | | 0.0016 | 0.00055 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| 1,1,1-Trichloroethane | <0.0016 | | 0.0016 | 0.00053 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| 1,1,2-Trichloroethane | <0.0016 | | 0.0016 | 0.00067 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Trichloroethene | <0.0016 | | 0.0016 | 0.00053 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| Vinyl chloride | <0.0016 | | 0.0016 | 0.00069 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |
| **Xylenes, Total** | **0.0024** | **J** | 0.0031 | 0.00050 | mg/Kg | ☼ | 12/21/23 10:00 | 12/29/23 16:08 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *101* | | *75 - 131* | *12/21/23 10:00* | *12/29/23 16:08* | *1* |
| *Dibromofluoromethane (Surr)* | *124* | | *75 - 126* | *12/21/23 10:00* | *12/29/23 16:08* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *121* | | *70 - 134* | *12/21/23 10:00* | *12/29/23 16:08* | *1* |
| *Toluene-d8 (Surr)* | *95* | | *75 - 124* | *12/21/23 10:00* | *12/29/23 16:08* | *1* |

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

### GC/MS Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |

### Metals

| Qualifier | Qualifier Description |
|---|---|
| ^1+ | Initial Calibration Verification (ICV) is outside acceptance limits, high biased. |
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| F1 | MS and/or MSD recovery exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |
| F3 | Duplicate RPD exceeds the control limit |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| L | A negative instrument reading had an absolute value greater than the reporting limit |

### General Chemistry

| Qualifier | Qualifier Description |
|---|---|
| *- | LCS and/or LCSD is outside acceptance limits, low biased. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |

## Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

# QC Association Summary

Client: Deigan & Associates LLC
Project/Site: 9N36 IL 47

Job ID: 500-244337-1

## GC/MS VOA

### Prep Batch: 748280

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 5035 | |
| 500-244337-2 | SS-6 (7') | Total/NA | Solid | 5035 | |

### Analysis Batch: 748479

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 8260D | 748280 |
| 500-244337-2 | SS-6 (7') | Total/NA | Solid | 8260D | 748280 |
| MB 500-748479/7 | Method Blank | Total/NA | Solid | 8260D | |
| LCS 500-748479/4 | Lab Control Sample | Total/NA | Solid | 8260D | |
| LCSD 500-748479/5 | Lab Control Sample Dup | Total/NA | Solid | 8260D | |

## GC/MS Semi VOA

### Analysis Batch: 748833

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 8270E | 748902 |
| MB 500-748902/1-A | Method Blank | Total/NA | Solid | 8270E | 748902 |
| LCS 500-748902/2-A | Lab Control Sample | Total/NA | Solid | 8270E | 748902 |

### Prep Batch: 748902

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 3546 | |
| MB 500-748902/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 500-748902/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |

## GC Semi VOA

### Prep Batch: 748671

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 3541 | |
| MB 500-748671/1-A | Method Blank | Total/NA | Solid | 3541 | |
| LCS 500-748671/2-A | Lab Control Sample | Total/NA | Solid | 3541 | |
| LCS 500-748671/3-A | Lab Control Sample | Total/NA | Solid | 3541 | |

### Analysis Batch: 748891

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 8082A | 748671 |
| MB 500-748671/1-A | Method Blank | Total/NA | Solid | 8082A | 748671 |
| LCS 500-748671/3-A | Lab Control Sample | Total/NA | Solid | 8082A | 748671 |

### Analysis Batch: 748926

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 8081B | 748671 |
| MB 500-748671/1-A | Method Blank | Total/NA | Solid | 8081B | 748671 |
| LCS 500-748671/2-A | Lab Control Sample | Total/NA | Solid | 8081B | 748671 |

## Metals

### Prep Batch: 748894

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 3050B | |
| MB 500-748894/1-A | Method Blank | Total/NA | Solid | 3050B | |

## Metals (Continued)

### Prep Batch: 748894 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCS 500-748894/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| 500-244337-1 MS | SS-5 (5') | Total/NA | Solid | 3050B | |
| 500-244337-1 MSD | SS-5 (5') | Total/NA | Solid | 3050B | |
| 500-244337-1 DU | SS-5 (5') | Total/NA | Solid | 3050B | |

### Prep Batch: 749111

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 7471B | |
| MB 500-749111/12-A | Method Blank | Total/NA | Solid | 7471B | |
| LCS 500-749111/13-A | Lab Control Sample | Total/NA | Solid | 7471B | |

### Analysis Batch: 749234

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 6010D | 748894 |
| MB 500-748894/1-A | Method Blank | Total/NA | Solid | 6010D | 748894 |
| LCS 500-748894/2-A | Lab Control Sample | Total/NA | Solid | 6010D | 748894 |
| 500-244337-1 MS | SS-5 (5') | Total/NA | Solid | 6010D | 748894 |
| 500-244337-1 MSD | SS-5 (5') | Total/NA | Solid | 6010D | 748894 |
| 500-244337-1 DU | SS-5 (5') | Total/NA | Solid | 6010D | 748894 |

### Analysis Batch: 749267

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 7471B | 749111 |
| MB 500-749111/12-A | Method Blank | Total/NA | Solid | 7471B | 749111 |
| LCS 500-749111/13-A | Lab Control Sample | Total/NA | Solid | 7471B | 749111 |

### Analysis Batch: 749433

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 6010D | 748894 |
| 500-244337-1 MS | SS-5 (5') | Total/NA | Solid | 6010D | 748894 |
| 500-244337-1 MSD | SS-5 (5') | Total/NA | Solid | 6010D | 748894 |
| 500-244337-1 DU | SS-5 (5') | Total/NA | Solid | 6010D | 748894 |

## General Chemistry

### Analysis Batch: 748473

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 9045D | |
| LCS 500-748473/2 | Lab Control Sample | Total/NA | Solid | 9045D | |
| LCSD 500-748473/3 | Lab Control Sample Dup | Total/NA | Solid | 9045D | |

### Analysis Batch: 748720

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | Moisture | |
| 500-244337-2 | SS-6 (7') | Total/NA | Solid | Moisture | |

### Prep Batch: 748773

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 9010C | |
| MB 500-748773/1-A | Method Blank | Total/NA | Solid | 9010C | |
| LCS 500-748773/2-A | Lab Control Sample | Total/NA | Solid | 9010C | |

# QC Association Summary

Client: Deigan & Associates LLC
Project/Site: 9N36 IL 47

Job ID: 500-244337-1

## General Chemistry

### Analysis Batch: 749108

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 500-244337-1 | SS-5 (5') | Total/NA | Solid | 9012B | 748773 |
| MB 500-748773/1-A | Method Blank | Total/NA | Solid | 9012B | 748773 |
| LCS 500-748773/2-A | Lab Control Sample | Total/NA | Solid | 9012B | 748773 |

# Surrogate Summary

Client: Deigan & Associates LLC
Project/Site: 9N36 IL 47

Job ID: 500-244337-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

**Matrix: Solid** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | BFB | DBFM | DCA | TOL |
| Lab Sample ID | Client Sample ID | (75-131) | (75-126) | (70-134) | (75-124) |
| 500-244337-1 | SS-5 (5') | 104 | 123 | 117 | 93 |
| 500-244337-2 | SS-6 (7') | 101 | 124 | 121 | 95 |
| LCS 500-748479/4 | Lab Control Sample | 106 | 103 | 97 | 111 |
| LCSD 500-748479/5 | Lab Control Sample Dup | 108 | 104 | 100 | 110 |
| MB 500-748479/7 | Method Blank | 107 | 110 | 108 | 107 |

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

**Matrix: Solid** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|---|---|---|---|---|---|---|---|
| | | 2FP | PHL | NBZ | FBP | TBP | TPHL |
| Lab Sample ID | Client Sample ID | (31-166) | (30-153) | (37-147) | (43-145) | (31-143) | (42-157) |
| 500-244337-1 | SS-5 (5') | 87 | 86 | 87 | 89 | 90 | 98 |
| LCS 500-748902/2-A | Lab Control Sample | 91 | 86 | 82 | 91 | 92 | 94 |
| MB 500-748902/1-A | Method Blank | 92 | 92 | 85 | 95 | 90 | 102 |

**Surrogate Legend**

2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
TPHL = Terphenyl-d14 (Surr)

## Method: 8081B - Organochlorine Pesticides (GC)

**Matrix: Solid** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | DCBP1 | TCX1 |
| Lab Sample ID | Client Sample ID | (33-148) | (30-121) |
| 500-244337-1 | SS-5 (5') | 84 | 69 |
| LCS 500-748671/2-A | Lab Control Sample | 87 | 78 |
| MB 500-748671/1-A | Method Blank | 94 | 71 |

**Surrogate Legend**

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid** — **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | |
|---|---|---|---|
| | | TCX1 | DCBP1 |
| Lab Sample ID | Client Sample ID | (49-129) | (37-121) |
| 500-244337-1 | SS-5 (5') | 55 | 63 |
| LCS 500-748671/3-A | Lab Control Sample | 76 | 86 |

# Surrogate Summary

Client: Deigan & Associates LLC
Job ID: 500-244337-1
Project/Site: 9N36 IL 47

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | TCX1 | DCBP1 | | | | | | | | |
| Lab Sample ID | Client Sample ID | (49-129) | (37-121) | | | | | | | | |
| MB 500-748671/1-A | Method Blank | 64 | 89 | | | | | | | | |

**Surrogate Legend**

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Client: Deigan & Associates LLC
Project/Site: 9N36 IL 47

Job ID: 500-244337-1

## Method: 8260D - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 500-748479/7**
**Matrix: Solid**
**Analysis Batch: 748479**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Acetone | <0.020 | | 0.020 | 0.0087 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Benzene | <0.0020 | | 0.0020 | 0.00051 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Bromodichloromethane | <0.0020 | | 0.0020 | 0.00041 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Bromoform | <0.0020 | | 0.0020 | 0.00058 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Bromomethane | <0.0050 | | 0.0050 | 0.0019 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Carbon disulfide | <0.0050 | | 0.0050 | 0.0010 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Carbon tetrachloride | <0.0020 | | 0.0020 | 0.00058 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Chlorobenzene | <0.0020 | | 0.0020 | 0.00074 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Chloroethane | <0.0050 | | 0.0050 | 0.0015 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Chloroform | <0.0020 | | 0.0020 | 0.00069 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Chloromethane | <0.0050 | | 0.0050 | 0.0020 | mg/Kg | | | 12/29/23 10:24 | 1 |
| cis-1,2-Dichloroethene | <0.0020 | | 0.0020 | 0.00056 | mg/Kg | | | 12/29/23 10:24 | 1 |
| cis-1,3-Dichloropropene | <0.0020 | | 0.0020 | 0.00060 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Dibromochloromethane | <0.0020 | | 0.0020 | 0.00065 | mg/Kg | | | 12/29/23 10:24 | 1 |
| 1,1-Dichloroethane | <0.0020 | | 0.0020 | 0.00069 | mg/Kg | | | 12/29/23 10:24 | 1 |
| 1,2-Dichloroethane | <0.0050 | | 0.0050 | 0.0016 | mg/Kg | | | 12/29/23 10:24 | 1 |
| 1,1-Dichloroethene | <0.0020 | | 0.0020 | 0.00069 | mg/Kg | | | 12/29/23 10:24 | 1 |
| 1,2-Dichloropropane | <0.0020 | | 0.0020 | 0.00052 | mg/Kg | | | 12/29/23 10:24 | 1 |
| 1,3-Dichloropropene, Total | <0.0020 | | 0.0020 | 0.00070 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Ethylbenzene | <0.0020 | | 0.0020 | 0.00096 | mg/Kg | | | 12/29/23 10:24 | 1 |
| 2-Hexanone | <0.0050 | | 0.0050 | 0.0016 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Methylene Chloride | <0.0050 | | 0.0050 | 0.0020 | mg/Kg | | | 12/29/23 10:24 | 1 |
| 2-Butanone (MEK) | <0.0050 | | 0.0050 | 0.0022 | mg/Kg | | | 12/29/23 10:24 | 1 |
| methyl isobutyl ketone | <0.0050 | | 0.0050 | 0.0015 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Methyl tert-butyl ether | <0.0020 | | 0.0020 | 0.00059 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Styrene | <0.0020 | | 0.0020 | 0.00060 | mg/Kg | | | 12/29/23 10:24 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.0020 | | 0.0020 | 0.00064 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Tetrachloroethene | <0.0020 | | 0.0020 | 0.00068 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Toluene | <0.0020 | | 0.0020 | 0.00051 | mg/Kg | | | 12/29/23 10:24 | 1 |
| trans-1,2-Dichloroethene | <0.0020 | | 0.0020 | 0.00089 | mg/Kg | | | 12/29/23 10:24 | 1 |
| trans-1,3-Dichloropropene | <0.0020 | | 0.0020 | 0.00070 | mg/Kg | | | 12/29/23 10:24 | 1 |
| 1,1,1-Trichloroethane | <0.0020 | | 0.0020 | 0.00067 | mg/Kg | | | 12/29/23 10:24 | 1 |
| 1,1,2-Trichloroethane | <0.0020 | | 0.0020 | 0.00086 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Trichloroethene | <0.0020 | | 0.0020 | 0.00068 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Vinyl chloride | <0.0020 | | 0.0020 | 0.00089 | mg/Kg | | | 12/29/23 10:24 | 1 |
| Xylenes, Total | <0.0040 | | 0.0040 | 0.00064 | mg/Kg | | | 12/29/23 10:24 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *107* | | *75 - 131* | | *12/29/23 10:24* | *1* |
| *Dibromofluoromethane (Surr)* | *110* | | *75 - 126* | | *12/29/23 10:24* | *1* |
| *1,2-Dichloroethane-d4 (Surr)* | *108* | | *70 - 134* | | *12/29/23 10:24* | *1* |
| *Toluene-d8 (Surr)* | *107* | | *75 - 124* | | *12/29/23 10:24* | *1* |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCS 500-748479/4**
**Matrix: Solid**
**Analysis Batch: 748479**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | | | 0.0500 | 0.0363 | | mg/Kg | | 73 | 40 - 150 | | |
| Benzene | | | 0.0500 | 0.0473 | | mg/Kg | | 95 | 70 - 125 | | |
| Bromodichloromethane | | | 0.0500 | 0.0458 | | mg/Kg | | 92 | 67 - 129 | | |
| Bromoform | | | 0.0500 | 0.0420 | | mg/Kg | | 84 | 68 - 136 | | |
| Bromomethane | | | 0.0500 | 0.0585 | | mg/Kg | | 117 | 70 - 130 | | |
| Carbon disulfide | | | 0.0500 | 0.0542 | | mg/Kg | | 108 | 70 - 129 | | |
| Carbon tetrachloride | | | 0.0500 | 0.0474 | | mg/Kg | | 95 | 75 - 125 | | |
| Chlorobenzene | | | 0.0500 | 0.0447 | | mg/Kg | | 89 | 50 - 150 | | |
| Chloroethane | | | 0.0500 | 0.0542 | | mg/Kg | | 108 | 75 - 125 | | |
| Chloroform | | | 0.0500 | 0.0494 | | mg/Kg | | 99 | 57 - 135 | | |
| Chloromethane | | | 0.0500 | 0.0531 | | mg/Kg | | 106 | 70 - 125 | | |
| cis-1,2-Dichloroethene | | | 0.0500 | 0.0455 | | mg/Kg | | 91 | 70 - 125 | | |
| cis-1,3-Dichloropropene | | | 0.0500 | 0.0468 | | mg/Kg | | 94 | 70 - 125 | | |
| Dibromochloromethane | | | 0.0500 | 0.0410 | | mg/Kg | | 82 | 69 - 125 | | |
| 1,1-Dichloroethane | | | 0.0500 | 0.0472 | | mg/Kg | | 94 | 70 - 125 | | |
| 1,2-Dichloroethane | | | 0.0500 | 0.0412 | | mg/Kg | | 82 | 70 - 130 | | |
| 1,1-Dichloroethene | | | 0.0500 | 0.0494 | | mg/Kg | | 99 | 70 - 120 | | |
| 1,2-Dichloropropane | | | 0.0500 | 0.0466 | | mg/Kg | | 93 | 70 - 125 | | |
| Ethylbenzene | | | 0.0500 | 0.0464 | | mg/Kg | | 93 | 61 - 136 | | |
| 2-Hexanone | | | 0.0500 | 0.0372 | | mg/Kg | | 74 | 48 - 146 | | |
| Methylene Chloride | | | 0.0500 | 0.0474 | | mg/Kg | | 95 | 70 - 126 | | |
| 2-Butanone (MEK) | | | 0.0500 | 0.0369 | | mg/Kg | | 74 | 47 - 138 | | |
| methyl isobutyl ketone | | | 0.0500 | 0.0357 | | mg/Kg | | 71 | 50 - 148 | | |
| Methyl tert-butyl ether | | | 0.0500 | 0.0468 | | mg/Kg | | 94 | 50 - 140 | | |
| Styrene | | | 0.0500 | 0.0478 | | mg/Kg | | 96 | 70 - 125 | | |
| 1,1,2,2-Tetrachloroethane | | | 0.0500 | 0.0451 | | mg/Kg | | 90 | 70 - 122 | | |
| Tetrachloroethene | | | 0.0500 | 0.0450 | | mg/Kg | | 90 | 70 - 124 | | |
| Toluene | | | 0.0500 | 0.0457 | | mg/Kg | | 91 | 70 - 125 | | |
| trans-1,2-Dichloroethene | | | 0.0500 | 0.0484 | | mg/Kg | | 97 | 70 - 125 | | |
| trans-1,3-Dichloropropene | | | 0.0500 | 0.0472 | | mg/Kg | | 94 | 70 - 125 | | |
| 1,1,1-Trichloroethane | | | 0.0500 | 0.0488 | | mg/Kg | | 98 | 70 - 128 | | |
| 1,1,2-Trichloroethane | | | 0.0500 | 0.0419 | | mg/Kg | | 84 | 70 - 125 | | |
| Trichloroethene | | | 0.0500 | 0.0461 | | mg/Kg | | 92 | 70 - 125 | | |
| Vinyl chloride | | | 0.0500 | 0.0558 | | mg/Kg | | 112 | 70 - 125 | | |
| Xylenes, Total | | | 0.100 | 0.0945 | | mg/Kg | | 95 | 53 - 147 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *106* | | *75 - 131* |
| *Dibromofluoromethane (Surr)* | *103* | | *75 - 126* |
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *70 - 134* |
| *Toluene-d8 (Surr)* | *111* | | *75 - 124* |

**Lab Sample ID: LCSD 500-748479/5**
**Matrix: Solid**
**Analysis Batch: 748479**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | | | 0.0500 | 0.0405 | | mg/Kg | | 81 | 40 - 150 | 11 | 30 |

## Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

**Lab Sample ID: LCSD 500-748479/5**
**Matrix: Solid**
**Analysis Batch: 748479**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | | | 0.0500 | 0.0493 | | mg/Kg | | 99 | 70 - 125 | 4 | 30 |
| Bromodichloromethane | | | 0.0500 | 0.0464 | | mg/Kg | | 93 | 67 - 129 | 1 | 30 |
| Bromoform | | | 0.0500 | 0.0451 | | mg/Kg | | 90 | 68 - 136 | 7 | 30 |
| Bromomethane | | | 0.0500 | 0.0543 | | mg/Kg | | 109 | 70 - 130 | 7 | 30 |
| Carbon disulfide | | | 0.0500 | 0.0553 | | mg/Kg | | 111 | 70 - 129 | 2 | 30 |
| Carbon tetrachloride | | | 0.0500 | 0.0481 | | mg/Kg | | 96 | 75 - 125 | 1 | 30 |
| Chlorobenzene | | | 0.0500 | 0.0461 | | mg/Kg | | 92 | 50 - 150 | 3 | 30 |
| Chloroethane | | | 0.0500 | 0.0509 | | mg/Kg | | 102 | 75 - 125 | 6 | 30 |
| Chloroform | | | 0.0500 | 0.0520 | | mg/Kg | | 104 | 57 - 135 | 5 | 30 |
| Chloromethane | | | 0.0500 | 0.0508 | | mg/Kg | | 102 | 70 - 125 | 4 | 30 |
| cis-1,2-Dichloroethene | | | 0.0500 | 0.0486 | | mg/Kg | | 97 | 70 - 125 | 7 | 30 |
| cis-1,3-Dichloropropene | | | 0.0500 | 0.0485 | | mg/Kg | | 97 | 70 - 125 | 3 | 30 |
| Dibromochloromethane | | | 0.0500 | 0.0431 | | mg/Kg | | 86 | 69 - 125 | 5 | 30 |
| 1,1-Dichloroethane | | | 0.0500 | 0.0496 | | mg/Kg | | 99 | 70 - 125 | 5 | 30 |
| 1,2-Dichloroethane | | | 0.0500 | 0.0439 | | mg/Kg | | 88 | 70 - 130 | 6 | 30 |
| 1,1-Dichloroethene | | | 0.0500 | 0.0512 | | mg/Kg | | 102 | 70 - 120 | 4 | 30 |
| 1,2-Dichloropropane | | | 0.0500 | 0.0483 | | mg/Kg | | 97 | 70 - 125 | 4 | 30 |
| Ethylbenzene | | | 0.0500 | 0.0486 | | mg/Kg | | 97 | 61 - 136 | 5 | 30 |
| 2-Hexanone | | | 0.0500 | 0.0388 | | mg/Kg | | 78 | 48 - 146 | 4 | 30 |
| Methylene Chloride | | | 0.0500 | 0.0498 | | mg/Kg | | 100 | 70 - 126 | 5 | 30 |
| 2-Butanone (MEK) | | | 0.0500 | 0.0383 | | mg/Kg | | 77 | 47 - 138 | 4 | 30 |
| methyl isobutyl ketone | | | 0.0500 | 0.0386 | | mg/Kg | | 77 | 50 - 148 | 8 | 30 |
| Methyl tert-butyl ether | | | 0.0500 | 0.0492 | | mg/Kg | | 98 | 50 - 140 | 5 | 30 |
| Styrene | | | 0.0500 | 0.0499 | | mg/Kg | | 100 | 70 - 125 | 4 | 30 |
| 1,1,2,2-Tetrachloroethane | | | 0.0500 | 0.0476 | | mg/Kg | | 95 | 70 - 122 | 5 | 30 |
| Tetrachloroethene | | | 0.0500 | 0.0456 | | mg/Kg | | 91 | 70 - 124 | 1 | 30 |
| Toluene | | | 0.0500 | 0.0465 | | mg/Kg | | 93 | 70 - 125 | 2 | 30 |
| trans-1,2-Dichloroethene | | | 0.0500 | 0.0493 | | mg/Kg | | 99 | 70 - 125 | 2 | 30 |
| trans-1,3-Dichloropropene | | | 0.0500 | 0.0493 | | mg/Kg | | 99 | 70 - 125 | 4 | 30 |
| 1,1,1-Trichloroethane | | | 0.0500 | 0.0504 | | mg/Kg | | 101 | 70 - 128 | 3 | 30 |
| 1,1,2-Trichloroethane | | | 0.0500 | 0.0432 | | mg/Kg | | 86 | 70 - 125 | 3 | 30 |
| Trichloroethene | | | 0.0500 | 0.0466 | | mg/Kg | | 93 | 70 - 125 | 1 | 30 |
| Vinyl chloride | | | 0.0500 | 0.0541 | | mg/Kg | | 108 | 70 - 125 | 3 | 30 |
| Xylenes, Total | | | 0.100 | 0.0983 | | mg/Kg | | 98 | 53 - 147 | 4 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *108* | | *75 - 131* |
| *Dibromofluoromethane (Surr)* | *104* | | *75 - 126* |
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *70 - 134* |
| *Toluene-d8 (Surr)* | *110* | | *75 - 124* |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 500-748902/1-A**
**Matrix: Solid**
**Analysis Batch: 748833**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 748902**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Phenol | <0.17 | | 0.17 | 0.014 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 500-748902/1-A**
**Matrix: Solid**
**Analysis Batch: 748833**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 748902**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bis(2-chloroethyl)ether | <0.17 | | 0.17 | 0.015 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 1,3-Dichlorobenzene | <0.17 | | 0.17 | 0.015 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 1,4-Dichlorobenzene | <0.17 | | 0.17 | 0.016 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 1,2-Dichlorobenzene | <0.17 | | 0.17 | 0.014 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2-Methylphenol | <0.17 | | 0.17 | 0.018 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2,2'-oxybis[1-chloropropane] | <0.17 | | 0.17 | 0.024 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| N-Nitrosodi-n-propylamine | <0.067 | | 0.067 | 0.0066 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Hexachloroethane | <0.17 | | 0.17 | 0.017 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2-Chlorophenol | <0.17 | | 0.17 | 0.011 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Nitrobenzene | <0.033 | | 0.033 | 0.011 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Bis(2-chloroethoxy)methane | <0.17 | | 0.17 | 0.012 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 1,2,4-Trichlorobenzene | <0.17 | | 0.17 | 0.024 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Isophorone | <0.17 | | 0.17 | 0.017 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2,4-Dimethylphenol | <0.33 | | 0.33 | 0.074 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Hexachlorobutadiene | <0.17 | | 0.17 | 0.019 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Naphthalene | <0.033 | | 0.033 | 0.0060 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2,4-Dichlorophenol | <0.33 | | 0.33 | 0.012 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 4-Chloroaniline | <0.67 | | 0.67 | 0.35 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2,4,6-Trichlorophenol | <0.33 | | 0.33 | 0.011 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2,4,5-Trichlorophenol | <0.33 | | 0.33 | 0.013 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Hexachlorocyclopentadiene | <0.67 | | 0.67 | 0.35 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2-Methylnaphthalene | <0.067 | | 0.067 | 0.0067 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2-Nitroaniline | <0.17 | | 0.17 | 0.018 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2-Chloronaphthalene | <0.17 | | 0.17 | 0.012 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 4-Chloro-3-methylphenol | <0.33 | | 0.33 | 0.013 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2,6-Dinitrotoluene | <0.17 | | 0.17 | 0.011 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2-Nitrophenol | <0.33 | | 0.33 | 0.023 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 3-Nitroaniline | <0.33 | | 0.33 | 0.015 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Dimethyl phthalate | <0.17 | | 0.17 | 0.0072 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2,4-Dinitrophenol | <0.67 | | 0.67 | 0.19 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Acenaphthylene | <0.033 | | 0.033 | 0.0056 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 2,4-Dinitrotoluene | <0.17 | | 0.17 | 0.019 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Acenaphthene | <0.033 | | 0.033 | 0.0068 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Dibenzofuran | <0.17 | | 0.17 | 0.012 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 4-Nitrophenol | <0.67 | | 0.67 | 0.12 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Fluorene | <0.033 | | 0.033 | 0.0098 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 4-Nitroaniline | <0.33 | | 0.33 | 0.025 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 4-Bromophenyl phenyl ether | <0.17 | | 0.17 | 0.023 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Hexachlorobenzene | <0.067 | | 0.067 | 0.0064 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Diethyl phthalate | <0.17 | | 0.17 | 0.015 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 4-Chlorophenyl phenyl ether | <0.17 | | 0.17 | 0.044 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Pentachlorophenol | <0.67 | | 0.67 | 0.083 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| N-Nitrosodiphenylamine | <0.17 | | 0.17 | 0.020 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 4,6-Dinitro-2-methylphenol | <0.67 | | 0.67 | 0.19 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Phenanthrene | <0.033 | | 0.033 | 0.0072 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Anthracene | <0.033 | | 0.033 | 0.0068 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Carbazole | <0.17 | | 0.17 | 0.013 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Di-n-butyl phthalate | <0.17 | | 0.17 | 0.011 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Fluoranthene | <0.033 | | 0.033 | 0.0077 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 500-748902/1-A**
**Matrix: Solid**
**Analysis Batch: 748833**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 748902**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Pyrene | <0.033 | | 0.033 | 0.0091 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Butyl benzyl phthalate | <0.17 | | 0.17 | 0.017 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Benzo[a]anthracene | <0.033 | | 0.033 | 0.0070 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Chrysene | <0.033 | | 0.033 | 0.0088 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 3,3'-Dichlorobenzidine | <0.17 | | 0.17 | 0.027 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Bis(2-ethylhexyl) phthalate | <0.17 | | 0.17 | 0.13 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Di-n-octyl phthalate | <0.33 | | 0.33 | 0.23 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Benzo[b]fluoranthene | <0.033 | | 0.033 | 0.032 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Benzo[k]fluoranthene | <0.033 | | 0.033 | 0.013 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Benzo[a]pyrene | <0.033 | | 0.033 | 0.032 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.033 | | 0.033 | 0.032 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Dibenz(a,h)anthracene | <0.033 | | 0.033 | 0.033 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| Benzo[g,h,i]perylene | <0.033 | | 0.033 | 0.0072 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |
| 3 & 4 Methylphenol | <0.17 | | 0.17 | 0.024 | mg/Kg | | 01/03/24 10:25 | 01/03/24 15:53 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Fluorophenol (Surr)* | *92* | | *31 - 166* | *01/03/24 10:25* | *01/03/24 15:53* | *1* |
| *Phenol-d5 (Surr)* | *92* | | *30 - 153* | *01/03/24 10:25* | *01/03/24 15:53* | *1* |
| *Nitrobenzene-d5 (Surr)* | *85* | | *37 - 147* | *01/03/24 10:25* | *01/03/24 15:53* | *1* |
| *2-Fluorobiphenyl (Surr)* | *95* | | *43 - 145* | *01/03/24 10:25* | *01/03/24 15:53* | *1* |
| *2,4,6-Tribromophenol (Surr)* | *90* | | *31 - 143* | *01/03/24 10:25* | *01/03/24 15:53* | *1* |
| *Terphenyl-d14 (Surr)* | *102* | | *42 - 157* | *01/03/24 10:25* | *01/03/24 15:53* | *1* |

**Lab Sample ID: LCS 500-748902/2-A**
**Matrix: Solid**
**Analysis Batch: 748833**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748902**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Phenol | 3.33 | 2.80 | | mg/Kg | | 84 | 52 - 110 |
| Bis(2-chloroethyl)ether | 3.33 | 2.78 | | mg/Kg | | 83 | 49 - 99 |
| 1,3-Dichlorobenzene | 3.33 | 2.61 | | mg/Kg | | 78 | 47 - 92 |
| 1,4-Dichlorobenzene | 3.33 | 2.63 | | mg/Kg | | 79 | 46 - 92 |
| 1,2-Dichlorobenzene | 3.33 | 2.60 | | mg/Kg | | 78 | 47 - 94 |
| 2-Methylphenol | 3.33 | 2.75 | | mg/Kg | | 83 | 50 - 104 |
| 2,2'-oxybis[1-chloropropane] | 3.33 | 2.63 | | mg/Kg | | 79 | 43 - 111 |
| N-Nitrosodi-n-propylamine | 3.33 | 2.76 | | mg/Kg | | 83 | 48 - 110 |
| Hexachloroethane | 3.33 | 2.57 | | mg/Kg | | 77 | 45 - 95 |
| 2-Chlorophenol | 3.33 | 2.77 | | mg/Kg | | 83 | 50 - 102 |
| Nitrobenzene | 3.33 | 2.62 | | mg/Kg | | 79 | 52 - 105 |
| Bis(2-chloroethoxy)methane | 3.33 | 2.77 | | mg/Kg | | 83 | 54 - 102 |
| 1,2,4-Trichlorobenzene | 3.33 | 2.64 | | mg/Kg | | 79 | 49 - 100 |
| Isophorone | 3.33 | 2.74 | | mg/Kg | | 82 | 47 - 108 |
| 2,4-Dimethylphenol | 3.33 | 3.32 | *+ | mg/Kg | | 100 | 48 - 93 |
| Hexachlorobutadiene | 3.33 | 2.68 | | mg/Kg | | 80 | 42 - 103 |
| Naphthalene | 3.33 | 2.75 | | mg/Kg | | 82 | 54 - 98 |
| 2,4-Dichlorophenol | 3.33 | 2.84 | | mg/Kg | | 85 | 51 - 109 |
| 4-Chloroaniline | 3.33 | 2.43 | | mg/Kg | | 73 | 22 - 110 |
| 2,4,6-Trichlorophenol | 3.33 | 3.02 | | mg/Kg | | 91 | 50 - 121 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 500-748902/2-A**
**Matrix: Solid**
**Analysis Batch: 748833**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748902**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | 3.33 | 3.11 | | mg/Kg | | 93 | 48 - 121 |
| Hexachlorocyclopentadiene | 3.33 | 1.67 | | mg/Kg | | 50 | 10 - 100 |
| 2-Methylnaphthalene | 3.33 | 2.74 | | mg/Kg | | 82 | 58 - 103 |
| 2-Nitroaniline | 3.33 | 3.17 | | mg/Kg | | 95 | 61 - 126 |
| 2-Chloronaphthalene | 3.33 | 2.92 | | mg/Kg | | 88 | 60 - 107 |
| 4-Chloro-3-methylphenol | 3.33 | 2.87 | | mg/Kg | | 86 | 57 - 113 |
| 2,6-Dinitrotoluene | 3.33 | 3.17 | | mg/Kg | | 95 | 66 - 117 |
| 2-Nitrophenol | 3.33 | 2.71 | | mg/Kg | | 81 | 41 - 114 |
| 3-Nitroaniline | 3.33 | 2.90 | | mg/Kg | | 87 | 44 - 124 |
| Dimethyl phthalate | 3.33 | 3.13 | | mg/Kg | | 94 | 65 - 114 |
| 2,4-Dinitrophenol | 6.67 | 5.38 | | mg/Kg | | 81 | 10 - 130 |
| Acenaphthylene | 3.33 | 3.12 | | mg/Kg | | 94 | 61 - 115 |
| 2,4-Dinitrotoluene | 3.33 | 3.09 | | mg/Kg | | 93 | 65 - 120 |
| Acenaphthene | 3.33 | 2.98 | | mg/Kg | | 89 | 63 - 109 |
| Dibenzofuran | 3.33 | 3.02 | | mg/Kg | | 91 | 64 - 112 |
| 4-Nitrophenol | 6.67 | 5.82 | | mg/Kg | | 87 | 45 - 126 |
| Fluorene | 3.33 | 3.13 | | mg/Kg | | 94 | 62 - 113 |
| 4-Nitroaniline | 3.33 | 3.10 | | mg/Kg | | 93 | 60 - 115 |
| 4-Bromophenyl phenyl ether | 3.33 | 2.87 | | mg/Kg | | 86 | 57 - 124 |
| Hexachlorobenzene | 3.33 | 3.01 | | mg/Kg | | 90 | 52 - 126 |
| Diethyl phthalate | 3.33 | 3.12 | | mg/Kg | | 94 | 66 - 115 |
| 4-Chlorophenyl phenyl ether | 3.33 | 3.13 | | mg/Kg | | 94 | 60 - 112 |
| Pentachlorophenol | 6.67 | 4.82 | | mg/Kg | | 72 | 32 - 128 |
| N-Nitrosodiphenylamine | 3.33 | 3.10 | | mg/Kg | | 93 | 67 - 112 |
| 4,6-Dinitro-2-methylphenol | 6.67 | 6.16 | | mg/Kg | | 92 | 36 - 138 |
| Phenanthrene | 3.33 | 3.04 | | mg/Kg | | 91 | 65 - 115 |
| Anthracene | 3.33 | 2.98 | | mg/Kg | | 89 | 68 - 120 |
| Carbazole | 3.33 | 3.16 | | mg/Kg | | 95 | 68 - 120 |
| Di-n-butyl phthalate | 3.33 | 3.10 | | mg/Kg | | 93 | 69 - 125 |
| Fluoranthene | 3.33 | 3.06 | | mg/Kg | | 92 | 66 - 123 |
| Pyrene | 3.33 | 3.26 | | mg/Kg | | 98 | 71 - 128 |
| Butyl benzyl phthalate | 3.33 | 3.27 | | mg/Kg | | 98 | 65 - 140 |
| Benzo[a]anthracene | 3.33 | 2.91 | | mg/Kg | | 87 | 70 - 121 |
| Chrysene | 3.33 | 3.05 | | mg/Kg | | 92 | 70 - 123 |
| 3,3'-Dichlorobenzidine | 3.33 | 2.57 | | mg/Kg | | 77 | 36 - 131 |
| Bis(2-ethylhexyl) phthalate | 3.33 | 3.01 | | mg/Kg | | 90 | 70 - 139 |
| Di-n-octyl phthalate | 3.33 | 2.98 | | mg/Kg | | 89 | 61 - 131 |
| Benzo[b]fluoranthene | 3.33 | 3.04 | | mg/Kg | | 91 | 68 - 123 |
| Benzo[k]fluoranthene | 3.33 | 3.16 | | mg/Kg | | 95 | 64 - 128 |
| Benzo[a]pyrene | 3.33 | 3.06 | | mg/Kg | | 92 | 73 - 132 |
| Indeno[1,2,3-cd]pyrene | 3.33 | 3.13 | | mg/Kg | | 94 | 66 - 131 |
| Dibenz(a,h)anthracene | 3.33 | 3.13 | | mg/Kg | | 94 | 66 - 125 |
| Benzo[g,h,i]perylene | 3.33 | 2.93 | | mg/Kg | | 88 | 65 - 126 |
| 3 & 4 Methylphenol | 3.33 | 2.77 | | mg/Kg | | 83 | 49 - 109 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Fluorophenol (Surr)* | *91* | | *31 - 166* |
| *Phenol-d5 (Surr)* | *86* | | *30 - 153* |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 500-748902/2-A**
**Matrix: Solid**
**Analysis Batch: 748833**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748902**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *Nitrobenzene-d5 (Surr)* | *82* | | *37 - 147* |
| *2-Fluorobiphenyl (Surr)* | *91* | | *43 - 145* |
| *2,4,6-Tribromophenol (Surr)* | *92* | | *31 - 143* |
| *Terphenyl-d14 (Surr)* | *94* | | *42 - 157* |

## Method: 8081B - Organochlorine Pesticides (GC)

**Lab Sample ID: MB 500-748671/1-A**
**Matrix: Solid**
**Analysis Batch: 748926**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 748671**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aldrin | <0.0017 | | 0.0017 | 0.0012 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| alpha-BHC | <0.0017 | | 0.0017 | 0.00095 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| cis-Chlordane | <0.0017 | | 0.0017 | 0.00090 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| beta-BHC | <0.0017 | | 0.0017 | 0.0014 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| 4,4'-DDD | <0.0017 | | 0.0017 | 0.00091 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| 4,4'-DDE | <0.0017 | | 0.0017 | 0.00087 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| 4,4'-DDT | <0.0017 | | 0.0017 | 0.00080 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| delta-BHC | <0.0017 | | 0.0017 | 0.00081 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| Dieldrin | <0.0017 | | 0.0017 | 0.00088 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| Endosulfan I | <0.0017 | | 0.0017 | 0.00091 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| Endosulfan II | <0.0017 | | 0.0017 | 0.00093 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| Endosulfan sulfate | <0.0017 | | 0.0017 | 0.00093 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| Endrin | <0.0017 | | 0.0017 | 0.00086 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| Endrin aldehyde | <0.0017 | | 0.0017 | 0.00096 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| Endrin ketone | <0.0017 | | 0.0017 | 0.00082 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| gamma-BHC (Lindane) | <0.0017 | | 0.0017 | 0.00084 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| trans-Chlordane | <0.0017 | | 0.0017 | 0.00097 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| Heptachlor | <0.0017 | | 0.0017 | 0.00091 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| Heptachlor epoxide | <0.0017 | | 0.0017 | 0.00091 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| Methoxychlor | <0.0083 | | 0.0083 | 0.0011 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |
| Toxaphene | <0.017 | | 0.017 | 0.0067 | mg/Kg | | 01/02/24 07:24 | 01/03/24 15:32 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *94* | | *33 - 148* | *01/02/24 07:24* | *01/03/24 15:32* | *1* |
| *Tetrachloro-m-xylene* | *71* | | *30 - 121* | *01/02/24 07:24* | *01/03/24 15:32* | *1* |

**Lab Sample ID: LCS 500-748671/2-A**
**Matrix: Solid**
**Analysis Batch: 748926**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748671**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Aldrin | 0.0133 | 0.0112 | | mg/Kg | | 84 | 52 - 122 |
| alpha-BHC | 0.0133 | 0.0118 | | mg/Kg | | 88 | 50 - 123 |
| cis-Chlordane | 0.0133 | 0.0114 | | mg/Kg | | 86 | 52 - 129 |
| beta-BHC | 0.0133 | 0.0113 | | mg/Kg | | 84 | 44 - 140 |
| 4,4'-DDD | 0.0133 | 0.0129 | | mg/Kg | | 97 | 47 - 137 |

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCS 500-748671/2-A**
**Matrix: Solid**
**Analysis Batch: 748926**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748671**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 4,4'-DDE | 0.0133 | 0.0132 | | mg/Kg | | 99 | 50 - 130 |
| 4,4'-DDT | 0.0133 | 0.0127 | | mg/Kg | | 95 | 46 - 143 |
| delta-BHC | 0.0133 | 0.0123 | | mg/Kg | | 92 | 57 - 125 |
| Dieldrin | 0.0133 | 0.0117 | | mg/Kg | | 88 | 51 - 133 |
| Endosulfan I | 0.0133 | 0.0105 | | mg/Kg | | 79 | 30 - 120 |
| Endosulfan II | 0.0133 | 0.0108 | | mg/Kg | | 81 | 30 - 120 |
| Endosulfan sulfate | 0.0133 | 0.0111 | | mg/Kg | | 83 | 42 - 150 |
| Endrin | 0.0133 | 0.0123 | | mg/Kg | | 92 | 43 - 144 |
| Endrin aldehyde | 0.0133 | 0.0116 | | mg/Kg | | 87 | 39 - 131 |
| Endrin ketone | 0.0133 | 0.0121 | | mg/Kg | | 90 | 51 - 135 |
| gamma-BHC (Lindane) | 0.0133 | 0.0120 | | mg/Kg | | 90 | 50 - 122 |
| trans-Chlordane | 0.0133 | 0.0119 | | mg/Kg | | 89 | 52 - 132 |
| Heptachlor | 0.0133 | 0.0124 | | mg/Kg | | 93 | 53 - 129 |
| Heptachlor epoxide | 0.0133 | 0.0119 | | mg/Kg | | 89 | 50 - 139 |
| Methoxychlor | 0.0133 | 0.0105 | | mg/Kg | | 79 | 45 - 144 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *87* | | *33 - 148* |
| *Tetrachloro-m-xylene* | *78* | | *30 - 121* |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 500-748671/1-A**
**Matrix: Solid**
**Analysis Batch: 748891**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 748671**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| PCB-1016 | <0.017 | | 0.017 | 0.0066 | mg/Kg | | 01/02/24 07:24 | 01/03/24 12:08 | 1 |
| PCB-1221 | <0.017 | | 0.017 | 0.0066 | mg/Kg | | 01/02/24 07:24 | 01/03/24 12:08 | 1 |
| PCB-1232 | <0.017 | | 0.017 | 0.0045 | mg/Kg | | 01/02/24 07:24 | 01/03/24 12:08 | 1 |
| PCB-1242 | <0.017 | | 0.017 | 0.0065 | mg/Kg | | 01/02/24 07:24 | 01/03/24 12:08 | 1 |
| PCB-1248 | <0.017 | | 0.017 | 0.0079 | mg/Kg | | 01/02/24 07:24 | 01/03/24 12:08 | 1 |
| PCB-1254 | <0.017 | | 0.017 | 0.0057 | mg/Kg | | 01/02/24 07:24 | 01/03/24 12:08 | 1 |
| PCB-1260 | <0.017 | | 0.017 | 0.0063 | mg/Kg | | 01/02/24 07:24 | 01/03/24 12:08 | 1 |
| Polychlorinated biphenyls, Total | <0.017 | | 0.017 | 0.0045 | mg/Kg | | 01/02/24 07:24 | 01/03/24 12:08 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Tetrachloro-m-xylene* | *64* | | *49 - 129* | *01/02/24 07:24* | *01/03/24 12:08* | *1* |
| *DCB Decachlorobiphenyl* | *89* | | *37 - 121* | *01/02/24 07:24* | *01/03/24 12:08* | *1* |

**Lab Sample ID: LCS 500-748671/3-A**
**Matrix: Solid**
**Analysis Batch: 748891**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748671**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| PCB-1016 | 0.167 | 0.133 | | mg/Kg | | 80 | 57 - 120 |
| PCB-1260 | 0.167 | 0.133 | | mg/Kg | | 80 | 61 - 125 |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: LCS 500-748671/3-A**
**Matrix: Solid**
**Analysis Batch: 748891**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748671**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| Tetrachloro-m-xylene | 76 | | 49 - 129 |
| DCB Decachlorobiphenyl | 86 | | 37 - 121 |

## Method: 6010D - Metals (ICP)

**Lab Sample ID: MB 500-748894/1-A**
**Matrix: Solid**
**Analysis Batch: 749234**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 748894**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | <20 | | 20 | 8.2 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Antimony | <2.0 | | 2.0 | 0.39 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Arsenic | <1.0 | | 1.0 | 0.34 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Barium | <1.0 | | 1.0 | 0.11 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Beryllium | <0.40 | | 0.40 | 0.093 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Cadmium | <0.20 | | 0.20 | 0.036 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Calcium | <20 | | 20 | 3.4 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Chromium | <1.0 | | 1.0 | 0.50 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Cobalt | <0.50 | | 0.50 | 0.13 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Copper | <1.0 | | 1.0 | 0.28 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Iron | <20 | | 20 | 10 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Lead | <0.50 | | 0.50 | 0.23 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Magnesium | <10 | | 10 | 5.0 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Manganese | <1.0 | | 1.0 | 0.15 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Nickel | <1.0 | | 1.0 | 0.29 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Potassium | <50 | | 50 | 18 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Selenium | <1.0 | | 1.0 | 0.59 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Silver | <0.50 | | 0.50 | 0.13 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Sodium | <100 | | 100 | 15 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Thallium | <1.0 | ^1+ | 1.0 | 0.50 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Vanadium | <0.50 | | 0.50 | 0.12 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |
| Zinc | <2.0 | | 2.0 | 0.88 | mg/Kg | | 01/03/24 09:12 | 01/04/24 20:51 | 1 |

**Lab Sample ID: LCS 500-748894/2-A**
**Matrix: Solid**
**Analysis Batch: 749234**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748894**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Aluminum | 200 | 205 | | mg/Kg | | 102 | 80 - 120 |
| Antimony | 50.0 | 47.0 | | mg/Kg | | 94 | 80 - 120 |
| Arsenic | 10.0 | 9.40 | | mg/Kg | | 94 | 80 - 120 |
| Barium | 200 | 208 | | mg/Kg | | 104 | 80 - 120 |
| Beryllium | 5.00 | 5.20 | | mg/Kg | | 104 | 80 - 120 |
| Cadmium | 5.00 | 4.81 | | mg/Kg | | 96 | 80 - 120 |
| Calcium | 1000 | 982 | | mg/Kg | | 98 | 80 - 120 |
| Chromium | 20.0 | 20.2 | | mg/Kg | | 101 | 80 - 120 |
| Cobalt | 50.0 | 50.6 | | mg/Kg | | 101 | 80 - 120 |
| Copper | 25.0 | 26.0 | | mg/Kg | | 104 | 80 - 120 |
| Iron | 100 | 106 | | mg/Kg | | 106 | 80 - 120 |

## Method: 6010D - Metals (ICP) (Continued)

**Lab Sample ID: LCS 500-748894/2-A**
**Matrix: Solid**
**Analysis Batch: 749234**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748894**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Lead | 10.0 | 9.26 | | mg/Kg | | 93 | 80 - 120 |
| Magnesium | 1000 | 949 | | mg/Kg | | 95 | 80 - 120 |
| Manganese | 50.0 | 51.1 | | mg/Kg | | 102 | 80 - 120 |
| Nickel | 50.0 | 49.9 | | mg/Kg | | 100 | 80 - 120 |
| Potassium | 1000 | 1060 | | mg/Kg | | 106 | 80 - 120 |
| Selenium | 10.0 | 8.68 | | mg/Kg | | 87 | 80 - 120 |
| Silver | 5.00 | 4.73 | | mg/Kg | | 95 | 80 - 120 |
| Sodium | 1000 | 1050 | | mg/Kg | | 105 | 80 - 120 |
| Thallium | 10.0 | 9.19 | ^1+ | mg/Kg | | 92 | 80 - 120 |
| Vanadium | 50.0 | 52.0 | | mg/Kg | | 104 | 80 - 120 |
| Zinc | 50.0 | 49.6 | | mg/Kg | | 99 | 80 - 120 |

**Lab Sample ID: 500-244337-1 MS**
**Matrix: Solid**
**Analysis Batch: 749234**

**Client Sample ID: SS-5 (5')**
**Prep Type: Total/NA**
**Prep Batch: 748894**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 9700 | | 220 | 13200 | 4 | mg/Kg | ☼ | 1609 | 75 - 125 |
| Antimony | <2.3 | F1 | 54.9 | 16.8 | F1 | mg/Kg | ☼ | 31 | 75 - 125 |
| Arsenic | 6.7 | F1 | 11.0 | 15.1 | | mg/Kg | ☼ | 77 | 75 - 125 |
| Barium | 120 | | 220 | 304 | | mg/Kg | ☼ | 86 | 75 - 125 |
| Cadmium | 0.11 | J | 5.49 | 4.36 | | mg/Kg | ☼ | 77 | 75 - 125 |
| Calcium | 5200 | F2 | 1100 | 5980 | 4 | mg/Kg | ☼ | 69 | 75 - 125 |
| Chromium | 16 | | 22.0 | 36.6 | | mg/Kg | ☼ | 94 | 75 - 125 |
| Cobalt | 8.1 | | 54.9 | 64.4 | | mg/Kg | ☼ | 103 | 75 - 125 |
| Copper | 16 | | 27.5 | 38.5 | | mg/Kg | ☼ | 82 | 75 - 125 |
| Iron | 17000 | | 110 | 17200 | 4 | mg/Kg | ☼ | 57 | 75 - 125 |
| Lead | 8.8 | | 11.0 | 19.5 | | mg/Kg | ☼ | 97 | 75 - 125 |
| Magnesium | 3500 | F1 F2 | 1100 | 5070 | F1 | mg/Kg | ☼ | 142 | 75 - 125 |
| Manganese | 460 | | 54.9 | 500 | 4 | mg/Kg | ☼ | 67 | 75 - 125 |
| Nickel | 29 | | 54.9 | 85.4 | | mg/Kg | ☼ | 102 | 75 - 125 |
| Potassium | 1900 | F1 | 1100 | 3470 | F1 | mg/Kg | ☼ | 145 | 75 - 125 |
| Selenium | <1.2 | F1 | 11.0 | 7.44 | F1 | mg/Kg | ☼ | 68 | 75 - 125 |
| Silver | <0.58 | | 5.49 | 4.40 | | mg/Kg | ☼ | 80 | 75 - 125 |
| Sodium | 96 | J | 1100 | 1060 | | mg/Kg | ☼ | 88 | 75 - 125 |
| Thallium | <1.2 | ^1+ F1 | 11.0 | 8.10 | F1 ^1+ | mg/Kg | ☼ | 74 | 75 - 125 |
| Vanadium | 27 | | 54.9 | 78.3 | | mg/Kg | ☼ | 94 | 75 - 125 |
| Zinc | 55 | | 54.9 | 108 | | mg/Kg | ☼ | 96 | 75 - 125 |

**Lab Sample ID: 500-244337-1 MS**
**Matrix: Solid**
**Analysis Batch: 749433**

**Client Sample ID: SS-5 (5')**
**Prep Type: Total/NA**
**Prep Batch: 748894**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Beryllium | 0.60 | | 5.49 | 5.17 | | mg/Kg | ☼ | 83 | 75 - 125 |

## Method: 6010D - Metals (ICP) (Continued)

**Lab Sample ID: 500-244337-1 MSD**
**Matrix: Solid**
**Analysis Batch: 749234**

**Client Sample ID: SS-5 (5')**
**Prep Type: Total/NA**
**Prep Batch: 748894**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 9700 | | 210 | 12200 | 4 | mg/Kg | ☼ | 1164 | 75 - 125 | 9 | 20 |
| Antimony | <2.3 | F1 | 52.6 | 16.3 | F1 | mg/Kg | ☼ | 31 | 75 - 125 | 3 | 20 |
| Arsenic | 6.7 | F1 | 10.5 | 14.5 | F1 | mg/Kg | ☼ | 74 | 75 - 125 | 5 | 20 |
| Barium | 120 | | 210 | 279 | | mg/Kg | ☼ | 78 | 75 - 125 | 9 | 20 |
| Cadmium | 0.11 | J | 5.26 | 4.14 | | mg/Kg | ☼ | 77 | 75 - 125 | 5 | 20 |
| Calcium | 5200 | F2 | 1050 | 3840 | 4 F2 | mg/Kg | ☼ | -132 | 75 - 125 | 44 | 20 |
| Chromium | 16 | | 21.0 | 34.7 | | mg/Kg | ☼ | 89 | 75 - 125 | 5 | 20 |
| Cobalt | 8.1 | | 52.6 | 61.6 | | mg/Kg | ☼ | 102 | 75 - 125 | 4 | 20 |
| Copper | 16 | | 26.3 | 35.9 | | mg/Kg | ☼ | 75 | 75 - 125 | 7 | 20 |
| Iron | 17000 | | 105 | 16600 | 4 | mg/Kg | ☼ | -545 | 75 - 125 | 4 | 20 |
| Lead | 8.8 | | 10.5 | 19.3 | | mg/Kg | ☼ | 100 | 75 - 125 | 1 | 20 |
| Magnesium | 3500 | F1 F2 | 1050 | 4030 | F1 F2 | mg/Kg | ☼ | 49 | 75 - 125 | 23 | 20 |
| Manganese | 460 | | 52.6 | 475 | 4 | mg/Kg | ☼ | 22 | 75 - 125 | 5 | 20 |
| Nickel | 29 | | 52.6 | 84.4 | | mg/Kg | ☼ | 105 | 75 - 125 | 1 | 20 |
| Potassium | 1900 | F1 | 1050 | 3010 | | mg/Kg | ☼ | 108 | 75 - 125 | 14 | 20 |
| Selenium | <1.2 | F1 | 10.5 | 7.06 | F1 | mg/Kg | ☼ | 67 | 75 - 125 | 5 | 20 |
| Silver | <0.58 | | 5.26 | 4.11 | | mg/Kg | ☼ | 78 | 75 - 125 | 7 | 20 |
| Sodium | 96 | J | 1050 | 1000 | | mg/Kg | ☼ | 86 | 75 - 125 | 6 | 20 |
| Thallium | <1.2 | ^1+ F1 | 10.5 | 7.81 | F1 ^1+ | mg/Kg | ☼ | 74 | 75 - 125 | 4 | 20 |
| Vanadium | 27 | | 52.6 | 75.2 | | mg/Kg | ☼ | 92 | 75 - 125 | 4 | 20 |
| Zinc | 55 | | 52.6 | 103 | | mg/Kg | ☼ | 91 | 75 - 125 | 5 | 20 |

**Lab Sample ID: 500-244337-1 MSD**
**Matrix: Solid**
**Analysis Batch: 749433**

**Client Sample ID: SS-5 (5')**
**Prep Type: Total/NA**
**Prep Batch: 748894**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Beryllium | 0.60 | | 5.26 | 4.87 | | mg/Kg | ☼ | 81 | 75 - 125 | 6 | 20 |

**Lab Sample ID: 500-244337-1 DU**
**Matrix: Solid**
**Analysis Batch: 749234**

**Client Sample ID: SS-5 (5')**
**Prep Type: Total/NA**
**Prep Batch: 748894**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 9700 | | | 8850 | | mg/Kg | ☼ | | | 9 | 20 |
| Antimony | <2.3 | F1 | | <2.2 | | mg/Kg | ☼ | | | NC | 20 |
| Arsenic | 6.7 | F1 | | 6.66 | | mg/Kg | ☼ | | | 0.05 | 20 |
| Barium | 120 | | | 99.9 | | mg/Kg | ☼ | | | 15 | 20 |
| Cadmium | 0.11 | J | | 0.124 | J | mg/Kg | ☼ | | | 9 | 20 |
| Calcium | 5200 | F2 | | 2460 | F3 | mg/Kg | ☼ | | | 72 | 20 |
| Chromium | 16 | | | 15.2 | | mg/Kg | ☼ | | | 6 | 20 |
| Cobalt | 8.1 | | | 8.85 | | mg/Kg | ☼ | | | 9 | 20 |
| Copper | 16 | | | 14.7 | | mg/Kg | ☼ | | | 10 | 20 |
| Iron | 17000 | | | 16700 | | mg/Kg | ☼ | | | 3 | 20 |
| Lead | 8.8 | | | 10.4 | | mg/Kg | ☼ | | | 17 | 20 |
| Magnesium | 3500 | F1 F2 | | 2830 | F3 | mg/Kg | ☼ | | | 22 | 20 |
| Manganese | 460 | | | 506 | | mg/Kg | ☼ | | | 9 | 20 |
| Nickel | 29 | | | 34.6 | | mg/Kg | ☼ | | | 16 | 20 |
| Potassium | 1900 | F1 | | 1540 | | mg/Kg | ☼ | | | 20 | 20 |

## Method: 6010D - Metals (ICP) (Continued)

**Lab Sample ID: 500-244337-1 DU**
**Matrix: Solid**
**Analysis Batch: 749234**

**Client Sample ID: SS-5 (5')**
**Prep Type: Total/NA**
**Prep Batch: 748894**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Selenium | <1.2 | F1 | <1.1 | | mg/Kg | ☼ | NC | 20 |
| Silver | <0.58 | | <0.55 | | mg/Kg | ☼ | NC | 20 |
| Sodium | 96 | J | 93.4 | J | mg/Kg | ☼ | 3 | 20 |
| Thallium | <1.2 | ^1+ F1 | <1.1 | L ^1+ | mg/Kg | ☼ | NC | 20 |
| Vanadium | 27 | | 27.3 | | mg/Kg | ☼ | 3 | 20 |
| Zinc | 55 | | 48.3 | | mg/Kg | ☼ | 14 | 20 |

**Lab Sample ID: 500-244337-1 DU**
**Matrix: Solid**
**Analysis Batch: 749433**

**Client Sample ID: SS-5 (5')**
**Prep Type: Total/NA**
**Prep Batch: 748894**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Beryllium | 0.60 | | 0.549 | | mg/Kg | ☼ | 9 | 20 |

## Method: 7471B - Mercury (CVAA)

**Lab Sample ID: MB 500-749111/12-A**
**Matrix: Solid**
**Analysis Batch: 749267**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 749111**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | <0.017 | | 0.017 | 0.0088 | mg/Kg | | 01/04/24 15:10 | 01/05/24 09:11 | 1 |

**Lab Sample ID: LCS 500-749111/13-A**
**Matrix: Solid**
**Analysis Batch: 749267**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 749111**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Mercury | 0.167 | 0.168 | | mg/Kg | | 101 | 80 - 120 |

## Method: 9012B - Cyanide, Total andor Amenable

**Lab Sample ID: MB 500-748773/1-A**
**Matrix: Solid**
**Analysis Batch: 749108**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 748773**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cyanide, Total | <0.24 | | 0.24 | 0.12 | mg/Kg | | 01/02/24 14:17 | 01/04/24 11:44 | 1 |

**Lab Sample ID: LCS 500-748773/2-A**
**Matrix: Solid**
**Analysis Batch: 749108**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 748773**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 2.40 | 1.97 | *- | mg/Kg | | 82 | 85 - 115 |

# Lab Chronicle

Client: Deigan & Associates LLC
Project/Site: 9N36 IL 47

Job ID: 500-244337-1

## Client Sample ID: SS-5 (5')
**Date Collected: 12/21/23 10:00**
**Date Received: 12/22/23 10:45**

## Lab Sample ID: 500-244337-1
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 9045D | | 1 | 748473 | LWN | EET CHI | 12/28/23 20:01 |
| Total/NA | Analysis | Moisture | | 1 | 748720 | LWN | EET CHI | 01/02/24 09:43 |

## Client Sample ID: SS-5 (5')
**Date Collected: 12/21/23 10:00**
**Date Received: 12/22/23 10:45**

## Lab Sample ID: 500-244337-1
**Matrix: Solid**
**Percent Solids: 83.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 748280 | WRE | EET CHI | 12/21/23 10:00 |
| Total/NA | Analysis | 8260D | | 1 | 748479 | PMF | EET CHI | 12/29/23 15:43 |
| Total/NA | Prep | 3546 | | | 748902 | KL | EET CHI | 01/03/24 10:25 |
| Total/NA | Analysis | 8270E | | 1 | 748833 | SS | EET CHI | 01/04/24 00:14 |
| Total/NA | Prep | 3541 | | | 748671 | FRG | EET CHI | 01/02/24 07:24 - 01/02/24 12:00 [1] |
| Total/NA | Analysis | 8081B | | 1 | 748926 | SS | EET CHI | 01/03/24 15:56 |
| Total/NA | Prep | 3541 | | | 748671 | FRG | EET CHI | 01/02/24 07:24 - 01/02/24 12:00 [1] |
| Total/NA | Analysis | 8082A | | 1 | 748891 | SS | EET CHI | 01/03/24 18:33 |
| Total/NA | Prep | 3050B | | | 748894 | BDE | EET CHI | 01/03/24 09:12 - 01/03/24 13:12 [1] |
| Total/NA | Analysis | 6010D | | 1 | 749234 | SJ | EET CHI | 01/04/24 20:59 |
| Total/NA | Prep | 3050B | | | 748894 | BDE | EET CHI | 01/03/24 09:12 - 01/03/24 13:12 [1] |
| Total/NA | Analysis | 6010D | | 1 | 749433 | SJ | EET CHI | 01/05/24 16:51 |
| Total/NA | Prep | 7471B | | | 749111 | MJG | EET CHI | 01/04/24 15:10 |
| Total/NA | Analysis | 7471B | | 1 | 749267 | MJG | EET CHI | 01/05/24 10:17 |
| Total/NA | Prep | 9010C | | | 748773 | KF | EET CHI | 01/02/24 14:17 - 01/02/24 14:47 [1] |
| Total/NA | Analysis | 9012B | | 1 | 749108 | KF | EET CHI | 01/04/24 12:13 |

## Client Sample ID: SS-6 (7')
**Date Collected: 12/21/23 10:00**
**Date Received: 12/22/23 10:45**

## Lab Sample ID: 500-244337-2
**Matrix: Solid**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 748720 | LWN | EET CHI | 01/02/24 09:43 |

## Client Sample ID: SS-6 (7')
**Date Collected: 12/21/23 10:00**
**Date Received: 12/22/23 10:45**

## Lab Sample ID: 500-244337-2
**Matrix: Solid**
**Percent Solids: 87.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 748280 | WRE | EET CHI | 12/21/23 10:00 |
| Total/NA | Analysis | 8260D | | 1 | 748479 | PMF | EET CHI | 12/29/23 16:08 |

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

**Laboratory References:**

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# Accreditation/Certification Summary

Client: Deigan & Associates LLC
Project/Site: 9N36 IL 47

Job ID: 500-244337-1

## Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Illinois | NELAP | IL00035 | 04-29-24 |

# Chain of Custody Record

546947

eurofins | Environment Testing TestAmerica

Address _____

**Regulatory Program:** ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

| Client Contact | Project Manager: KNAPP | Site Contact: GARY D | Date: 12/22/23 | COC No |
|---|---|---|---|---|
| Company Name: DEIGAN ASSOC | Tel/Email: | Lab Contact: | Carrier. | _____ of _____ COCs |
| Address | Analysis Turnaround Time | | | Sampler |
| City/State/Zip | ☐ CALENDAR DAYS ☐ WORKING DAYS | | | For Lab Use Only: |
| Phone | TAT if different from Below _____ | | | Walk-in Client |
| Fax | ☐ 2 weeks | | | Lab Sampling |
| Project Name: 9N36 LC 47 | ☐ ~~1 week~~ | | | |
| Site | ☐ 2 days | | | Job / SDG No |
| P O #: 23-065 | ☐ 1 day | | | 500-244337 |

500-244337 COC

| | Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=Grab) | Matrix | # of Cont. | Filtered Sample (Y/N) | Perform MS / MSD (Y/N) | 1EPA TAGO | FULL APP I | VOC only | Sample Specific Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SS-5 (5') | 12/21/23 | 10AM | G | S | 5 | | | X | | | |
| 2 | SS-6 (7') | 12/21/23 | 10AM | G | S | 4 | | | | | X | |

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

**Possible Hazard Identification:**
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

**Special Instructions/QC Requirements & Comments:**

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd 5.8 Corr'd 5.2 | Therm ID No _____

| | Company | Date/Time | | Company | Date/Time |
|---|---|---|---|---|---|
| Relinquished by | DEIGAN | 12/22/23 | Received by FedEx Drop | | |
| Relinquished by | Company | Date/Time | Received by | Company | Date/Time |
| Relinquished by | Company | Date/Time | Received in Laboratory by | Company | Date/Time |
| | | | | EETA | 12/22/23 1045 |

# Login Sample Receipt Checklist

Client: Deigan & Associates LLC

Job Number: 500-244337-1

**Login Number: 244337**
**List Number: 1**
**Creator: Schmidt, Kara**

**List Source: Eurofins Chicago**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 5.2 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

CENTRAL
UNIT SCHOOL DISTRICT 301

# MEMORANDUM

TO: Dr. Esther Mongan, Superintendent, Board of Education

FROM: Pam Porto, Director of Transportation

DATE: January 16, 2024

RE: School Bus Bid

Bus bid specifications are scheduled to be sent out at the end of January for the 2024-2025 and 2025-2026 school bus leases.

We will be ordering a total of 22 school buses:

- Eight 78 passenger diesel buses
- Ten 32 passenger gasoline buses
- Three 21+1/12+3 gasoline wheelchair buses
- One 54+2 diesel wheelchair lift bus

Bids are scheduled to be opened at the beginning of February and will be presented to the Board of Education at the February 20th Board meeting.

CENTRAL
UNIT SCHOOL DISTRICT 301

# MEMORANDUM

TO: Board of Education

FROM: Dr. Esther Mongan, Superintendent

DATE: January 16, 2024

RE: 2024-2025 School Fees

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Central 301 last increased registration and technology fees in 2015. The current rates for registration and technology fees are:

- High school registration fee - $190
- Middle school registration fee - $170
- Elementary registration fee - $120
- Early childhood registration fee - $60
- Technology fee (grades K-12) - $50

At this time, I do not recommend any changes to these fees for the 2024-2025 school year.

Additional course and supply fees may apply for some students.

**Central Community Unit School District 301**
**Student Enrollment Report** **January 10, 2024**

| School | Year | PRE-K | KDG | 1st | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | Current Total | *YoY | % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Country Trails | 23-24 | 44 | 95 | 99 | 113 | 129 | 110 | 115 | | | | | | | | 705 | 22 | 3.22 |
| | 22-23 | 44 | 90 | 112 | 124 | 105 | 112 | 96 | | | | | | | | 683 | 18 | 2.71 |
| | 21-22 | 39 | 101 | 111 | 100 | 106 | 93 | 115 | | | | | | | | 665 | | |
| H.B. Thomas | 23-24 | 59 | 104 | 82 | 104 | 101 | 106 | 90 | | | | | | | | 646 | 31 | 5.04 |
| | 22-23 | 59 | 81 | 98 | 95 | 104 | 86 | 92 | | | | | | | | 615 | -84 | -12.02 |
| | 21-22 | 50 | 112 | 106 | 112 | 99 | 103 | 117 | | | | | | | | 699 | | |
| Lily Lake | 23-24 | | 37 | 46 | 51 | 38 | 52 | 52 | | | | | | | | 276 | 13 | 4.94 |
| | 22-23 | | 42 | 52 | 33 | 52 | 46 | 38 | | | | | | | | 263 | -1 | -0.38 |
| | 21-22 | | 53 | 32 | 48 | 48 | 35 | 48 | | | | | | | | 264 | | |
| Prairie View | 23-24 | 50 | 81 | 95 | 110 | 108 | 105 | 126 | | | | | | | | 675 | -44 | -6.12 |
| | 22-23 | 51 | 88 | 113 | 106 | 110 | 126 | 125 | | | | | | | | 719 | 108 | 17.68 |
| | 21-22 | 30 | 84 | 85 | 90 | 105 | 103 | 114 | | | | | | | | 611 | | |
| Prairie Knolls MS | 23-24 | | | | | | | | 360 | 406 | 4 | | | | | 770 | -23 | -2.90 |
| | 22-23 | | | | | | | | 404 | 389 | | | | | | 793 | 19 | 2.45 |
| | 21-22 | | | | | | | 1 | 376 | 395 | 2 | | | | | 774 | | |
| Central MS | 23-24 | | | | | | | | 1 | 5 | 394 | | | | | 400 | -4 | -0.99 |
| | 22-23 | | | | | | | | | 2 | 402 | | | | | 404 | 40 | 10.99 |
| | 21-22 | | | | | | | | | | 364 | | | | | 364 | | |
| Central HS | 23-24 | | | | | | | | | | | 408 | 380 | 344 | 315 | 1447 | 90 | 6.63 |
| | 22-23 | | | | | | | | | | | 379 | 351 | 310 | 317 | 1357 | 53 | 4.06 |
| | 21-22 | | | | | | | | | | | 353 | 313 | 316 | 322 | 1304 | | |
| TOTAL DISTRICT (Current) | 23-24 | 153 | 317 | 7.0% 322 | 0.8% 378 | 5.0% 376 | 0.5% 373 | 3.5% 383 | 2.8% 361 | 1.7% 411 | 1.8% 398 | 1.5% 408 | 0.3% 380 | -2.0% 344 | 1.6% 315 | 4919 | 85 | 1.76 |
| (End of Year) | 22-23 | 154 | 301 | 7.1% 375 | 7.2% 358 | 6.0% 371 | 3.4% 370 | 5.1% 351 | 2.3% 404 | 4.0% 391 | 1.8% 402 | 3.6% 379 | -0.6% 351 | -1.0% 310 | 0.3% 317 | 4834 | 153 | 3.27 |
| (End of Year) | 21-22 | 119 | 350 | 334 | 350 | 358 | 334 | 395 | 376 | 395 | 366 | 353 | 313 | 316 | 322 | 4681 | | |

Contract Class Size Language Aide/Split
Grade K-2 - 23/26 Grade 3-5 - 25/28 Grade 6-8 - 30 split Grade 9-12 - 31 split

| | | | | | | | | | | | | | | | | Total Non-Resident Housed in D301 | Total Students in D301 Seats |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Non-Resident Housed in D301 | 23-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 24 | 8 | 10 | 45 | 4964 |

| | | | | | | | | | | | | | | | | Total Out of District Not Housed in D301 | Total Students Including Outplaced Students |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Out of District Not Housed in D301 | 23-24 | 1 | 0 | 7 | 5 | 4 | 4 | 2 | 3 | 4 | 2 | 3 | 6 | 5 | 18 | 64 | 5028 |

CENTRAL
UNIT SCHOOL DISTRICT 301

**Thursday, December 14, 2023**

**Micheline Welch**
39W365 Hogan Hill Rd.
Elgin, IL 60124
(407) 963.6559
michelinewelch@gmail.com

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**Dear Ms. Welch,**

Thank you for writing to Central Community School District 301 with your request for information pursuant to the Illinois Freedom of Information Act, 5 ILCS 140/1 et seq.

In a request received by Central Community Unit School District 301 (Central 301) on Thursday, December 7,, 2023, you requested the following records:

> *Any materials used for presentation purposes for the November 2016 Referendum proposing to build a new fieldhouse and additional facilities at Central High School including but not limited to, specific plans on how the $22 million was to be spent (i.e. number of classrooms, cafeteria, final student capacity at completion, etc.), renderings, architectural floor plans and so on. Included in this information should be any representation on how long these improvements were to last the community in terms of accommodating future high school growth. Any materials that were used to discuss the Referendum with the public should be included.*
>
> *Any enrollment forecasts performed or commissioned, either internally or externally, through an outside agency or through a committee set up by the district and / or board of education for the purposes of facilities planning for the November 2016 Referendum proposing a new fieldhouse and additional classroom space for Central High School.*
>
> *Any enrollment forecasts performed or commissioned, either internally or externally, through an outside agency or through a committee set up by the district for the purposes of facilities planning for the November 2022 Referendum proposing a new high school including supporting data from any internal or external sources upon which such forecast should not be limited to high school enrollment only, but rather total enrollment and any detailed analysis down to the grade levels Early Childhood through 12th grade.*
>
> *Any enrollment forecasts performed or commissioned, either internally or externally, through an outside agency or through a committee set up by the district or board of education for the purposes of facilities planning prior to the purchase of the 135+ acres on Rohrssen Road between 2004 and 2006. Specifically looking for data and findings provided by NIU to District 301 around 2006 related to enrollment and facilities planning and projections, which was understood to be used to determine the need to purchase land on Rohrssen for future development.*
>
> *Maximum student capacity at final build-out for PKMS as it was intended to be expanded into additional space at a later time.*

CENTRAL
UNIT SCHOOL DISTRICT 301

Please be advised that your requests qualify as "voluminous" under FOIA because they require compilation of more than 500 pages of records and/or include requests for more than five different categories of records in a period of 20 business days. See 5 ILCS 140/2(h). Thus, we hereby notify you as follows pursuant to Section 3.6 of FOIA:

A. You must respond within 10 business days from the date of this letter and specify whether you would like to amend the request in such a way that the District will no longer treat it as a voluminous request;

B. If you do not respond within 10 business days or if the request continues to be a voluminous request following your response, the District may respond to the request and assess any fees the District charges pursuant to FOIA Section 6 (including per page copying costs, plus up to $100 for more than 4 MB of data in non-pdf form, plus up to $100 for more than 160 MB of data in pdf form) or invite you to narrow the request if it is unduly burdensome;

C. The District has five (5) business days after receipt of your response or five business days from the last day for you to amend your request, whichever is sooner, to respond to the Request;

D. The District may request an additional 10 business days to comply with the request;

E. You have the right to review by the Public Access Counselor (Office of the Attorney General, 500 South 2nd Street, Springfield, Illinois 62706 / Phone: 877.299.3642 / email: public.access@ilag.gov) of our determination to treat the request as a "voluminous request"; and

F. If you ultimately fail to accept or collect the records, the District may still charge you for its response pursuant to Section 6 of FOIA, and your failure to pay will be considered a debt due and owing to the District and may be collected in accordance with applicable law.

See 5 ILCS 140/3.6.

We look forward to your response to this letter. As the FOIA Officer for the District, I am responsible for responding to your request. If I have misinterpreted your request in any way, please contact me in writing.

**Sincerely,**

**Matt Rodewald**
**Freedom of Information Act Officer**
**Director of Communications**

**Central Community Unit School District 301**
**275 South St.**
**Burlington, IL 60109**