Clear Data Print... Save...

**Note:** In order to fill and save this form electronically, it must be opened using Adobe Reader or Acrobat software. Save a copy of the file, open Adobe Reader, select File > Open and browse for the file you saved.

State of Wisconsin Department of Natural Resources PO Box 7921, Madison WI 53707-7921 dnr.wi.gov

# Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

Form 4400-237 (R 10/21)

Page 1 of 7

**Notice:** Use this form to request **a written response (on agency letterhead)** from the Department of Natural Resources (DNR) regarding technical assistance, a post-closure change to a site, a specialized agreement or liability clarification for Property with known or suspected environmental contamination. A fee will be required as is authorized by s. 292.55, Wis. Stats., and NR 749, Wis. Adm. Code., unless noted in the instructions below. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records law [ss. 19.31 - 19.39, Wis. Stats.].

#### **Definitions**

- "Property" refers to the subject Property that is perceived to have been or has been impacted by the discharge of hazardous substances.
- "Liability Clarification" refers to a written determination by the Department provided in response to a request made on this form. The response clarifies whether a person is or may become liable for the environmental contamination of a Property, as provided in s. 292.55, Wis. Stats.
- "Technical Assistance" refers to the Department's assistance or comments on the planning and implementation of an environmental investigation or environmental cleanup on a Property in response to a request made on this form as provided in s. 292.55, Wis. Stats.
- "Post-closure modification" refers to changes to Property boundaries and/or continuing obligations for Properties or sites that received closure letters for which continuing obligations have been applied or where contamination remains. Many, but not all, of these sites are included on the GIS Registry layer of RR Sites Map to provide public notice of residual contamination and continuing obligations.

#### Select the Correct Form

This from should be used to request the following from the DNR:

- Technical Assistance
- Liability Clarification
- Post-Closure Modifications
- Specialized Agreements (tax cancellation, negotiated agreements, etc.)

#### Do not use this form if one of the following applies:

- Request for an off-site liability exemption or clarification for Property that has been or is perceived to be contaminated by one
  or more hazardous substances that originated on another Property containing the source of the contamination. Use DNR's Off-Site
  Liability Exemption and Liability Clarification Application Form 4400-201.
- Submittal of an Environmental Assessment for the Lender Liability Exemption, s 292.21, Wis. Stats., if no response or review by DNR is requested. Use the Lender Liability Exemption Environmental Assessment Tracking Form 4400-196.
- Request for an exemption to develop on a historic fill site or licensed landfill. Use DNR's Form 4400-226 or 4400-226A.
- Request for closure for Property where the investigation and cleanup actions are completed. Use DNR's Case Closure GIS Registry Form 4400-202.

All forms, publications and additional information are available on the internet at: dnr.wi.gov/topic/Brownfields/Pubs.html.

#### Instructions

- 1. Complete sections 1, 2, 6 and 7 for all requests. Be sure to provide adequate and complete information.
- 2. Select the type of assistance requested: Section 3 for technical assistance or post-closure modifications, Section 4 for a written determination or clarification of environmental liabilities; or Section 5 for a specialized agreement.
- 3. Include the fee payment that is listed in Section 3, 4, or 5, unless you are a "Voluntary Party" enrolled in the Voluntary Party Liability Exemption Program **and** the questions in Section 2 direct otherwise. Information on to whom and where to send the fee is found in Section 8 of this form.
- 4. Send the completed request, supporting materials and the fee to the appropriate DNR regional office where the Property is located. See the map on the last page of this form. A paper copy of the signed form and all reports and supporting materials shall be sent with an electronic copy of the form and supporting materials on a compact disk. For electronic document submittal requirements see: <a href="http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf">http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf</a>"

The time required for DNR's determination varies depending on the complexity of the site, and the clarity and completeness of the request and supporting documentation.

# Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request Form 4400-237 (R 10/21) Page 2 of 7

| Section 1. Contact and Recip  | ient Information  |                  |   |                        |                 |
|---|---|------------------|---|------------------------|-----------------|
| Requester Information   |   |                  |   |                        |                 |
| This is the person requesting tech<br>specialized agreement and is ider | nical assistance or a post-cl<br>ntified as the requester in Se | losure<br>ection | modification review, that his or her liability be 7. DNR will address its response letter to this | e clarifie<br>s persor | ed or a<br>า.   |
| Last Name   | First   | MI               | Organization/ Business Name   |                        |                 |
| Millis  | Dan   |                  | Millis Transfer LLC   |                        |                 |
| Mailing Address   |   |                  | City  | State                  | ZIP Code        |
| PO Box 550  |   |                  | Black River Falls   | WI                     | 54615           |
| Phone # (include area code)   | Fax # (include area code)                                       |                  | Email   |                        |                 |
| (715) 284-4384  |   |                  | dan.millis@millistransfer.com   |                        |                 |
| The requester listed above: (selec                                      | t all that apply)   |                  |   |                        |                 |
| Is currently the owner  |   |                  | Is considering selling the Property   |                        |                 |
| Is renting or leasing the Pro   | perty   |                  | Is considering acquiring the Property   |                        |                 |
| Is a lender with a mortgage   | e interest in the Property                                      |                  |   |                        |                 |
| Other Evolain the status of   | the Property with respect to                                    | the a            | applicant:  |                        |                 |
| Unter: Explain the status of  | the Property with respect to                                    | Julea            | ррпсан.   |                        |                 |
|   |   |                  |   |                        |                 |
|   |   |                  |   |                        |                 |
| Contact Information (to be co   | ntacted with questions al                                       | bout t           | his request) X Selec  | ct if san              | ne as requester |
| Contact Last Name   | First   | MI               | Organization/ Business Name   |                        |                 |
| Millis  | Dan   |                  | Millis Transfer LLC   |                        |                 |
| Mailing Address   |   | •                | City  | State                  | ZIP Code        |
| PO Box 550  |   |                  | Black River Falls   | WI                     | 54615           |
| Phone # (include area code)   | Fax # (include area code)                                       |                  | Email   |                        |                 |
| (715) 284-4384  |   |                  | dan.millis@millistransfer.com   |                        |                 |
| Environmental Consultant  |   |                  |   |                        |                 |
| Contact Last Name   | First   | MI               | Organization/ Business Name   |                        |                 |
| Wagner  | Ashley  |                  | Cedar Corporation   | To                     | Tain o          |
| Mailing Address   |   |                  | City  | State                  | ZIP Code        |
| W61 N497 Washington Ave   | <b>F</b> # (:   |                  | Cedarburg   | WI                     | 53012           |
| Phone # (include area code)   | Fax # (include area code)                                       |                  | Email   |                        |                 |
| (920) 309-2289  |   |                  | ashley.wagner@cedarcorp.com   |                        |                 |
| Attorney (if applicable) Contact Last Name                              | First   | MI               | Organization/ Business Name   |                        |                 |
| 2011001 2001 101110   |   |                  | 0.ga.n_a  |                        |                 |
| Mailing Address   |   |                  | City  | State                  | ZIP Code        |
|   |   |                  |   |                        |                 |
| Phone # (include area code)   | Fax # (include area code)                                       |                  | Email   |                        | <u>l</u>        |
| ,   | ,   |                  |   |                        |                 |
| Property Owner (if different  | from requester)   |                  |   |                        |                 |
| Contact Last Name   | First   | MI               | Organization/ Business Name   |                        |                 |
|   |   |                  |   |                        |                 |
| Mailing Address   |   | 1                | City  | State                  | ZIP Code        |
|   |   |                  |   |                        |                 |
| Phone # (include area code)   | Fax # (include area code)                                       |                  | Email   | 1                      |                 |

# **Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request**

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|              | 2. Property Inform               | ation                  |  |                              |                                      |                         |           |                 |  |  |
|--------------|----------------------------------|------------------------|--|------------------------------|--------------------------------------|-------------------------|-----------|-----------------|--|--|
| Property I   | Name                             |                        |  |                              |                                      | FID No. (if             | known)    |                 |  |  |
|              | ransfer - Richfield              | 1                      |  |                              |                                      |                         |           |                 |  |  |
| BRRTS N      | lo. (if known)                   |                        |  | Parcel Identification Number |                                      |                         |           |                 |  |  |
|              |                                  |                        |  | 035200A                      |                                      |                         |           |                 |  |  |
| Street Ad    | dress                            |                        |  | City                         |                                      |                         | State Z   | ZIP Code        |  |  |
|              | Holy Hill Road                   |                        |  | Richfield                    |                                      |                         | WI        | 53076           |  |  |
| County       |                                  |                        | the Property is loca                         |                              | Property is com Single tax           | posed of: ) Multiple ta | Y .       | erty Size Acres |  |  |
| Washing      | gton                             | City Town              | Village of Rich                              | field                        | parcel                               | parcels                 | 14.92     | 2               |  |  |
|              | ponse needed by a cordingly.     | specific date? (e.g    | ., Property closing o                        | date) Note: Most re          | equests are comp                     | oleted withir           | า 60 day  | /s. Please      |  |  |
| No           | Yes                              |                        |  |                              |                                      |                         |           |                 |  |  |
| <b>©</b> 110 | Date request                     | ed hv                  |  |                              |                                      |                         |           |                 |  |  |
|              | Reason:                          |                        |  |                              |                                      |                         |           |                 |  |  |
|              |                                  |                        |  |                              |                                      |                         |           |                 |  |  |
|              |                                  |                        |  |                              |                                      |                         |           |                 |  |  |
| 2 lo tho "I  | Paguastar" aprollad              | Loo a Valuntary Day    | rty in the Voluntary I                       | Dorty Liebility Eve          | motion (\/DLE) pr                    | oarom?                  |           |                 |  |  |
| _            | •                                | <u>-</u>               | your request in Se                           | -                            | inpuon (VFLE) pi                     | ogrami                  |           |                 |  |  |
| $\sim$       |                                  |                        | request will be bille                        |                              | uah the VPLE Pr                      | ogram.                  |           |                 |  |  |
| 0            |                                  | •                      | ·  |                              | · ·                                  | - g                     |           |                 |  |  |
|              |                                  |                        | which correspond<br>-Closure Modificat       |                              | f request:                           |                         |           |                 |  |  |
|              |                                  |                        | ion 5. Specialized                           | •                            |                                      |                         |           |                 |  |  |
|              |                                  |                        |  |                              |                                      |                         |           |                 |  |  |
|              | <u> </u>                         |                        | e or Post-Closure<br>d: [Numbers in bra      |                              | DNP Heal                             |                         |           |                 |  |  |
| Select the   | • •                              | ·                      | -  |                              | <del>-</del>                         | NOTO 11 £               |           | 4               |  |  |
|              |                                  |                        | ediate Actions)  - NI<br>arge of a hazardous |                              |                                      |                         |           |                 |  |  |
|              | Review of Site Inv               | estigation Work Pla    | an - NR 716.09, [13                          | 5] - Include a fee           | of \$700.                            |                         |           |                 |  |  |
|              | Review of Site Inv               | estigation Report -    | NR 716.15, [137]                             | - Include a fee of           | \$1050.                              |                         |           |                 |  |  |
|              | Approval of a Site               | -Specific Soil Clear   | nup Standard - NR                            | 720.10 or 12, [67]           | - Include a fee                      | of \$1050.              |           |                 |  |  |
|              | Review of a Reme                 | edial Action Options   | s Report - NR 722.1                          | 3, [143] - Includ            | e a fee of \$1050                    |                         |           |                 |  |  |
|              | Review of a Reme                 | edial Action Design    | Report - NR 724.09                           | 9, [148] - <b>Include</b>    | e a fee of \$1050.                   |                         |           |                 |  |  |
|              | Review of a Reme                 | edial Action Docum     | entation Report - NI                         | R 724.15, [152] -            | Include a fee of                     | \$350                   |           |                 |  |  |
|              | Review of a Long                 | -term Monitoring Pl    | an - NR 724.17, [25                          | i] - Include a fee           | of \$425.                            |                         |           |                 |  |  |
|              | Review of an Ope                 | ration and Mainten     | ance Plan - NR 724                           | .13, [192] - <b>Incl</b> u   | de a fee of \$425                    |                         |           |                 |  |  |
| Othor        | Tochnical Assistan               | 00 c 202 55 Wic        | Stats. [97] (For req                         | uest to build on a           | a abandanad lan                      | Afill uso For           | m 4400    | 226)            |  |  |
| Other        |                                  |                        | eeting - Include a fe                        |                              | i abandoned ian                      | allii use i oli         | 11 4400-  | -220)           |  |  |
|              |                                  |                        | iclude a fee of \$70                         |                              |                                      |                         |           |                 |  |  |
|              |                                  |                        | le a fee of \$700. Ex                        |                              | t in an attachman                    | +                       |           |                 |  |  |
| Ш            | Other reclinical P               | issistance - includ    | le a lee of \$700. ⊏x                        | piairi your reques           | ı iii aii allacılill <del>e</del> li | ι.                      |           |                 |  |  |
| Post-C       | Closure Modification             | ıs - NR 727, [181]     |  |                              |                                      |                         |           |                 |  |  |
|              | Post-Closure Mod                 | lifications: Modifica  | tion to Property bou                         | ındaries and/or co           | ntinuing obligatio                   | ns of a clos            | ed site   | or Property;    |  |  |
|              | sites may be on the \$1050, and: | ie GIS Registry. Th    | is also includes rem                         | noval of a site or F         | roperty from the                     | GIS Registi             | y. Inclu  | ide a fee of    |  |  |
|              | <u> </u>                         | of \$300 for sites wit | th residual soil cont                        | amination: and               |                                      |                         |           |                 |  |  |
|              | _                                |                        | th residual groundw                          |                              | n, monitorina wel                    | ls or for van           | or intrus | sion            |  |  |
|              | continuing ob                    |                        | g/04/14W                                     |                              | ,                                    | τωρ                     |           | ***             |  |  |
|              | Λ44                              |                        |  | and days (C.C.)              |                                      | la a sa sa              |           | 1.7.6.11        |  |  |

Attach a description of the changes you are proposing, and documentation as to why the changes are needed (if the change to a Property, site or continuing obligation will result in revised maps, maintenance plans or photographs, those documents may be submitted later in the approval process, on a case-by-case basis).

# Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

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| Skip Sections 4 and 5 if the technical assistance you are requesting is listed above and complete Sections 6 and 7 of this form.   |
|--|
| Section 4. Request for Liability Clarification   |
| Select the type of liability clarification requested. Use the available space given or attach information, explanations, or specific questions that you need answered in DNR's reply. Complete Sections 6 and 7 of this form. [Numbers in brackets are for DNR Use]  |
| "Lender" liability exemption clarification - s. 292.21, Wis. Stats. [686]  |
| ❖ Include a fee of \$700.  |
| Provide the following documentation:   |
| (1) ownership status of the real Property, and/or the personal Property and fixtures;  |
| (2) an environmental assessment, in accordance with s. 292.21, Wis. Stats.;  |
| (3) the date the environmental assessment was conducted by the lender;   |
| (4) the date of the Property acquisition; for foreclosure actions, include a copy of the signed and dated court order confirming the sheriff's sale.   |
| (5) documentation showing how the Property was acquired and the steps followed under the appropriate state statutes.   |
| (6) a copy of the Property deed with the correct legal description; and,   |
| (7) the Lender Liability Exemption Environmental Assessment Tracking Form (Form 4400-196).   |
| (8) If no sampling was done, please provide reasoning as to why it was <b>not</b> conducted. Include this either in the accompanying environmental assessment or as an attachment to this form, and cite language in s. 292. 21(1)(c)2.,hi., Wis. Stats.:  |
| h. The collection and analysis of representative samples of soil or other materials in the ground that are suspected of being contaminated based on observations made during a visual inspection of the real Property or based on aerial photographs, or other information available to the lender, including stained or discolored soil or other materials in the ground and including soil or materials in the ground in areas with dead or distressed vegetation. The collection and analysis shall identify contaminants in the soil or other materials in the ground and shall quantify concentrations. |
| i. The collection and analysis of representative samples of unknown wastes or potentially hazardous substances found on the real<br>Property and the determination of concentrations of hazardous waste and hazardous substances found in tanks, drums or other<br>containers or in piles or lagoons on the real Property.   |
| "Representative" liability exemption clarification (e.g. trustees, receivers, etc.) - s. 292.21, Wis. Stats. [686]   |
| ❖ Include a fee of \$700.  |
| Provide the following documentation:   |
| (1) ownership status of the Property;  |
| (2) the date of Property acquisition by the representative;  |
| (3) the means by which the Property was acquired;  |
| (4) documentation that the representative has no beneficial interest in any entity that owns, possesses, or controls the Property;   |
| <ul><li>(5) documentation that the representative has not caused any discharge of a hazardous substance on the Property; and</li><li>(6) a copy of the Property deed with the correct legal description.</li></ul>   |
| (a) a sopy of the Froperty assa man the confect legal assemption.  |
| Clarification of local governmental unit (LGU) liability exemption at sites with: (select all that apply)  |
| hazardous substances spills - s. 292.11(9)(e), Wis. Stats. [649];  |
| Perceived environmental contamination - [649];   |
| hazardous waste - s. 292.24 (2), Wis. Stats. [649]; and/or   |
| solid waste - s. 292.23 (2), Wis. Stats. [649].  |
| Include a fee of \$700, a summary of the environmental liability clarification being requested, and the following:   |
| <ol> <li>clear supporting documentation showing the acquisition method used, and the steps followed under the appropriate<br/>state statute(s).</li> </ol>   |
| (2) current and proposed ownership status of the Property;   |
| (3) date and means by which the Property was acquired by the LGU, where applicable;  |
| (4) a map and the ¼, ¼ section location of the Property;   |
| (5) summary of current uses of the Property;   |
| (6) intended or potential use(s) of the Property;  |
| (7) descriptions of other investigations that have taken place on the Property; and  |

(8) (for solid waste clarifications) a summary of the license history of the facility.

# Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

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| Section 4. | Rec | uest | for | Lia | ability | Clarificati | on ( | (cont.) |  |
|------------|-----|------|-----|-----|---------|-------------|------|---------|--|
|            |     |      |     |     |         |             |      |         |  |

Lease liability clarification - s. 292.55, Wis. Stats. [646]

- Include a fee of \$700 for a single Property, or \$1400 for multiple Properties and the information listed below:
- (1) a copy of the proposed lease;
- (2) the name of the current owner of the Property and the person who will lease the Property;
- (3) a description of the lease holder's association with any persons who have possession, control, or caused a discharge of a hazardous substance on the Property;
- (4) map(s) showing the Property location and any suspected or known sources of contamination detected on the Property;
- (5) a description of the intended use of the Property by the lease holder, with reference to the maps to indicate which areas will be used. Explain how the use will not interfere with any future investigation or cleanup at the Property; and
- (6) all reports or investigations (e.g. Phase I and Phase II Environmental Assessments and/or Site Investigation Reports conducted under s. NR 716, Wis. Adm. Code) that identify areas of the Property where a discharge has occurred.

General or other environmental liability clarification - s. 292.55, Wis. Stats. [682] - Explain your request below.

- Include a fee of \$700 and an adequate summary of relevant environmental work to date.
- No Action Required (NAR) NR 716.05, [682]
  - ❖ Include a fee of \$700.

Use where an environmental discharge has or has not occurred, and applicant wants a DNR determination that no further assessment or clean-up work is required. Usually this is requested after a Phase I and Phase II environmental assessment has been conducted; the assessment reports should be submitted with this form. This is not a closure letter.

- Clarify the liability associated with a "closed" Property s. 292.55, Wis. Stats. [682]
  - ❖ Include a fee of \$700.
- Include a copy of any closure documents if a state agency other than DNR approved the closure.

Use this space or attach additional sheets to provide necessary information, explanations or specific questions to be answered by the DNR.

#### Section 5. Request for a Specialized Agreement

Select the type of agreement needed. Include the appropriate draft agreements and supporting materials. Complete Sections 6 and 7 of this form. More information and model draft agreements are available at: <a href="mailto:dnr.wi.gov/topic/Brownfields/lgu.html#tabx4">dnr.wi.gov/topic/Brownfields/lgu.html#tabx4</a>.

|   | Tax cancellation agreement - s. 75.105(2)(d), Wis. Stats. [654]   |
|---|---|
|   | ❖ Include a fee of \$700, and the information listed below:   |
|   | (1) Phase I and II Environmental Site Assessment Reports,   |
|   | (2) a copy of the Property deed with the correct legal description.   |
|   | Agreement for assignment of tax foreclosure judgement - s.75.106, Wis. Stats. [666]   |
|   | ❖ Include a fee of \$700, and the information listed below:   |
|   | (1) Phase I and II Environmental Site Assessment Reports,   |
|   | (2) a copy of the Property deed with the correct legal description.   |
| _ | Negotiated agreement - Enforceable contract for non-emergency remediation - s. 292.11(7)(d) and (e), Wis. Stats. [63 Include a fee of \$1400, and the information listed below: |

- (1) a draft schedule for remediation; and,
- (2) the name, mailing address, phone and email for each party to the agreement.

#### Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

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#### Section 6. Other Information Submitted

Identify all materials that are included with this request.

Send both a paper copy of the signed form and all reports and supporting materials, and an electronic copy of the form and all reports, including Environmental Site Assessment Reports, and supporting materials on a compact disk. Include one copy of any document from any state agency files that you want the Department to review as part of this request. The person submitting this request is responsible for contacting other state agencies to obtain appropriate reports or information. Phase I Environmental Site Assessment Report - Date: Phase II Environmental Site Assessment Report - Date: Legal Description of Property (required for all liability requests and specialized agreements) Map of the Property (required for all liability requests and specialized agreements) Analytical results of the following sampled media: Select all that apply and include date of collection. Groundwater ⊠ Soil Sediment Other medium - Describe: Date of Collection: 12/02/2022 A copy of the closure letter and submittal materials Draft tax cancellation agreement Draft agreement for assignment of tax foreclosure judgment Other report(s) or information - Describe: Site Status Update Letter For Property with newly identified discharges of hazardous substances only: Has a notification of a discharge of a hazardous substance been sent to the DNR as required by s. NR 706.05(1)(b), Wis. Adm. Code? Yes - Date (if known): Note: The Notification for Hazardous Substance Discharge Form - Non-Emergency Only (Form 4400-225) is accessible through the RR Program Submittal Portal application. Directions for using the form and the Submittal Portal application are available on the Submittal Portal web page. Section 7. Certification by the Person who completed this form I am the person submitting this request (requester) I prepared this request for: Millis Transfer LLC Requester Name

I certify that I am familiar with the information submitted on this request, and that the information on and included with this request is true, accurate and complete to the best of my knowledge. I also certify I have the legal authority and the applicant's permission to make this request.

Senior Geologist Title

Telephone Number (include area code)

(920) 309-2289

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#### Section 8. DNR Contacts and Addresses for Request Submittals

Send or deliver one paper copy and one electronic copy on a compact disk of the completed request, supporting materials, and fee to the region where the property is located to the address below. Contact a <u>DNR regional brownfields specialist</u> with any questions about this form or a specific situation involving a contaminated property. For electronic document submittal requirements see: <a href="http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf">http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf</a>.

#### **DNR NORTHERN REGION**

Attn: RR Program Assistant Department of Natural Resources 223 E Steinfest Rd Antigo, WI 54409

#### **DNR NORTHEAST REGION**

Attn: RR Program Assistant Department of Natural Resources 2984 Shawano Avenue Green Bay WI 54313

#### **DNR SOUTH CENTRAL REGION**

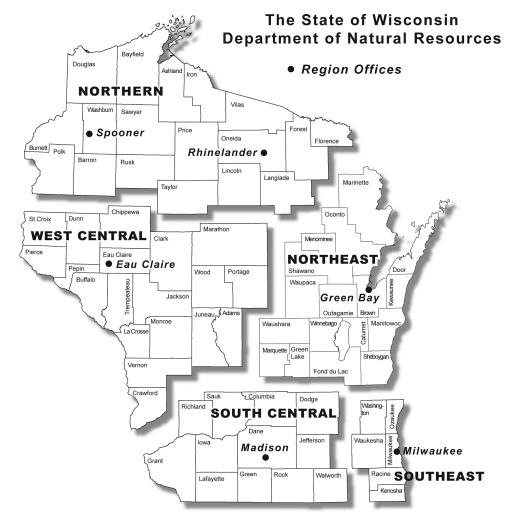
Attn: RR Program Assistant Department of Natural Resources 3911 Fish Hatchery Road Fitchburg WI 53711

#### **DNR SOUTHEAST REGION**

Attn: RR Program Assistant Milwaukee DNR Office 1027 West St. Paul Ave Milwaukee WI 53233

#### **DNR WEST CENTRAL REGION**

Attn: RR Program Assistant Department of Natural Resources 1300 Clairemont Ave. Eau Claire WI 54702



Note: These are the Remediation and Redevelopment Program's designated regions. Other DNR program regional boundaries may be different.

|                             | DNR Use Only        |                                       |  |  |  |  |  |  |  |  |  |  |
|-----------------------------|---------------------|---------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Date Received Date Assigned |                     | BRRTS Activity Code                   | BRRTS No. (if used)                    |  |  |  |  |  |  |  |  |  |
|                             |                     |                                       |  |  |  |  |  |  |  |  |  |  |
| DNR Reviewer                | Co                  | omments                               |  |  |  |  |  |  |  |  |  |  |
|                             |                     |                                       |  |  |  |  |  |  |  |  |  |  |
| Fee Enclosed?               | Fee Amount          | Date Additional Information Requested | Date Requested for DNR Response Letter |  |  |  |  |  |  |  |  |  |
| ◯ Yes ◯ No                  | \$                  |                                       |  |  |  |  |  |  |  |  |  |  |
| Date Approved               | Final Determination | •                                     |  |  |  |  |  |  |  |  |  |  |
|                             |                     |                                       |  |  |  |  |  |  |  |  |  |  |



community infrastructure | architecture | environmental

262-491-2346 800-204-7372 FAX 920-491-9020 www.cedarcorp.com

January 17, 2023

Wisconsin Department of Natural Resources Bureau for Remediation and Redevelopment Attn: Alice Egan 1027 W. St. Paul Avenue Milwaukee, WI 53233

RE: SITE STATUS UPDATE - MILLIS TRANSFER - 3001 W HOLY HILL ROAD, RICHFIELD, WI

Dear Ms. Egan:

Cedar Corporation (Cedar) is providing this site status update for Millis Transfer located at 3001 W Holy Hill Road, Richfield, Wisconsin (Site), reference Figure 1 – Site Location Map, attached).

#### Background:

On June 3, 2022, a 15,000-gallon diesel underground storage tank (UST) and associated piping was closed by removal. A total of 12 Tank System Site Assessment (TSSA) soil samples were collected following tank and piping removal. Base samples were not obtained from the tank cavity, as groundwater was encountered at approximately 13 feet below ground surface (ft bgs). Soil samples were submitted to Eurofins Analytical Laboratory in Chicago, Illinois for laboratory analysis of petroleum volatile organic compounds (PVOCs) and naphthalene. The TSSA report is included in Attachment A.

Of the 12 samples, two (2) samples, S-1 and S-12 (located at the western end of the tank cavity, closest to the associate piping and main dispenser), detected total trimethylbenzenes exceeding the Wisconsin Administrative Code (WAC) ch. NR 720 Soil to Groundwater Pathway Residual Contaminant Levels (RCLs), reference Table 1 - Soil Analytical Table and Attachment D – Laboratory Analytical Reports, attached.

Based on the analytical results from the TSSA sampling, Cedar recommended additional groundwater sampling to determine if the onsite groundwater has been impacted.

#### **Monitoring Well Installation:**

On October 28, 2022, On-Site Environmental of Sun Prairie, Wisconsin installed a 1" polyvinyl chloride (PVC) ch. NR 141 compliant monitoring well (MW-1) using dual-tube Geoprobe drilling techniques. The monitoring well was installed in the vicinity of S-1 and S-12, to a depth of 20 feet below ground surface (ft bgs), with a 10-foot screen, and riser to the surface, reference Figure 2 – Detailed Site Map, attached. The well was completed with a steel flushmount protective cover. At the time of drilling the ground surface was sand and gravel backfill from tank removal activities. The area was paved with asphalt in November 2022, and the integrity of the well and protective cover was maintained, reference Attachment C – Photo Log, attached.

Cedarburg | Green Bay | Madison | Menomonie

#### Well Development and Sampling (November):

On November 2, 2022, Cedar developed the well using a peristaltic pump. Approximately 16 gallons of water was purged from the well to rid it of any sediment. All purge water was containerized in a steel 55-gallon drum staged at the Site.

#### **Groundwater Sampling and Analytical Results:**

On November 2, 2022, following well development activities, a groundwater sample was collected from MW-1, using a peristaltic pump, and submitted for laboratory analysis of PVOCs and naphthalene, reference Attachment B – Field Forms, attached.

In addition to sampling the newly installed monitoring well, the onsite private water supply well (PW-1) was also sampled. A faucet was turned on inside the facility and ran for approximately 10 minutes. A water sample was collected from the pressure tank and submitted for laboratory analysis of PVOCs and naphthalene, reference Attachment B – Field Forms, attached.

Analytical results identified the concentration of benzene exceeding the applicable WAC ch. NR 140 Preventive Action Limit (PAL) of 0.5 ug/L at MW-1. There were no other exceedances identified at MW-1 or PW-1, reference Table 2 – Groundwater Analytical Table and Attachment D – Laboratory Analytical Reports, attached.

As the concentration of benzene only marginally exceeded the PAL, at 0.53 ug/L, a second sampling round at MW-1 was recommended. On December 2, 2022, Cedar purged and sampled MW-1 using a peristaltic pump. Approximately 15 gallons of water was purged from the well to rid it of any sediment. All purge water was containerized in a steel 55-gallon drum staged at the Site. A sample was collected from the well and submitted for laboratory analysis of PVOCs and naphthalene, reference Attachment B – Field Forms, attached. Analytical results from this sampling event did not identify any WAC ch. NR 140 exceedances, reference Table 2 – Groundwater Analytical Table and Attachment D – Laboratory Analytical Reports, attached.

#### **Conclusions:**

The conclusions of the investigative and remedial activities are listed below.

- Tank
  - The 15,000-gallon diesel tank and associated piping was removed from the site on June 3, 2022.
  - The tank cavity was backfilled with sand and gravel fill.
  - The area was paved with asphalt in November 2022.
- Soils
  - TSSA soil sample results identified total trimethylbenzenes WAC ch. NR 720 Soil to Groundwater Pathway RCL exceedances in two samples, S-1 (3 ft bgs), and S-12 (12 ft bgs).
- Groundwater
  - o A monitoring well, MW-1, was installed in the former tank cavity, near S-1 and S-12 to a depth of approximately 20 ft bgs on October 28, 2022.
  - o MW-1 was developed and sampled on November 2, 2022.
    - Benzene was detected exceeding the applicable WAC ch. NR 140 PAL.
  - A sample was collected from the onsite potable well (PW-1) on November 2, 2022.
    - There were no WAC ch. NR 140 exceedances.
  - o MW-1 was re-sampled on December 2, 2022.
    - There were no WAC ch. NR 140 exceedances.

#### **Recommendations:**

Based on the review of environmental conditions completed through the course of the tank removal and investigation activities, the Site has been investigated to the extent reasonable. Low-levels of total trimethylbenzenes were detected in two adjacent samples on the western wall of the former tank cavity and beneath the associated piping, and remain onsite. Confirmation groundwater sampling did not identify any WAC ch. NR 140 exceedances. Cedar recommends that the Site be issued "No Action Required" by the WDNR as the source of the contamination (UST) was successfully removed from the Site, and the residual soil impacts are not impacting the onsite groundwater.

Sincerely.

Ashley Wagner, P.G., Professional Geologist Dan O'Connell, P.G., C.P.G., Environmental Manager

Attachments: Figure 1 – Site Location Map

Figure 2 – Detailed Site Map Table 1 – Soil Analytical Table

Table 2 – Groundwater Analytical Table

Attachment A – TSSA Report Attachment B – Field Forms Attachment C – Photo Log

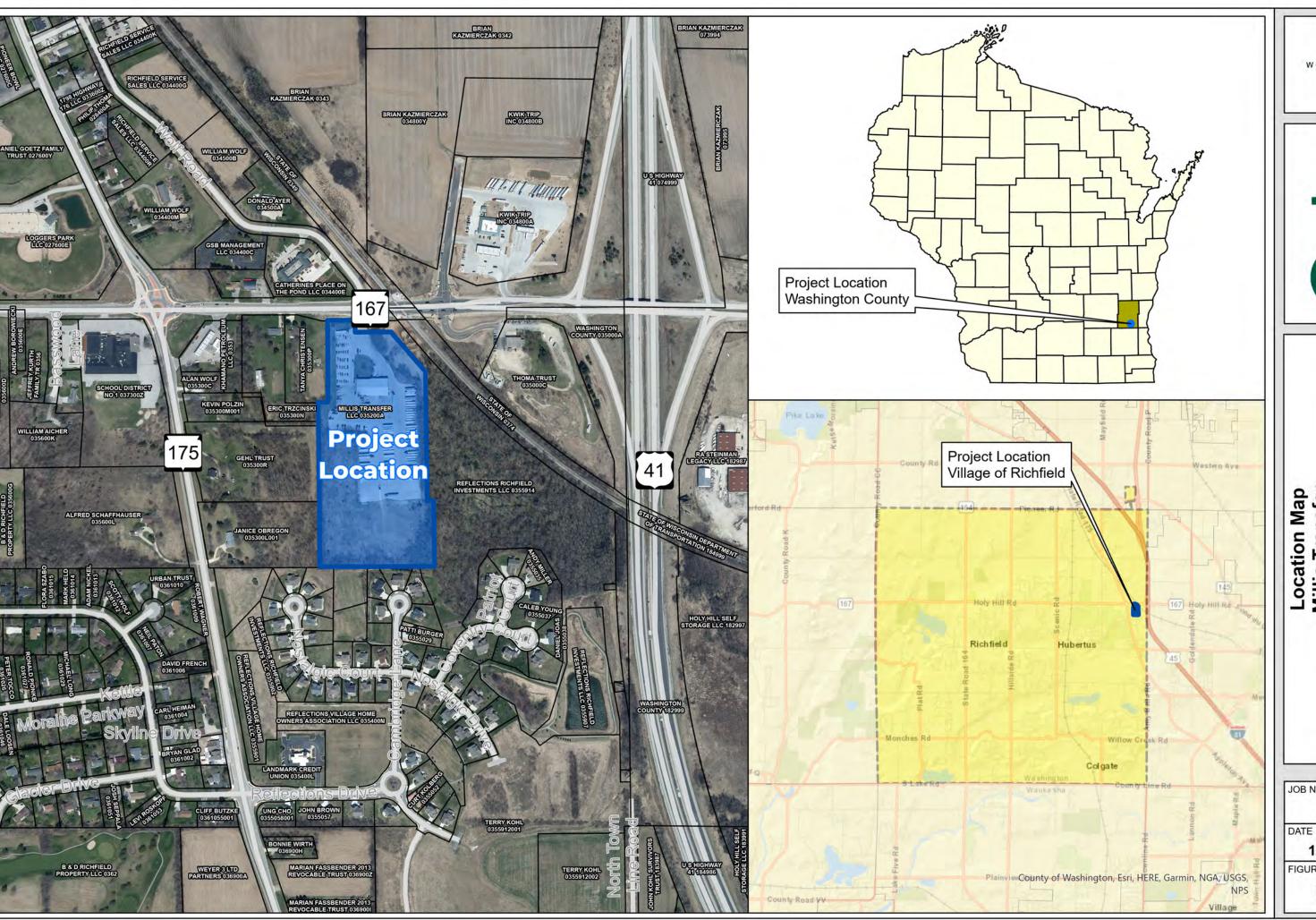
Attachment D - Laboratory Analytical Reports



# Figure(s)

Figure 1 – Site Location Map

Figure 2 – Detailed Site Map







Millis Transfer Location Map

3001 W HOLY HILL ROAD VILLAGE OF RICHFIELD WASHINGTON COUNTY, WISCONSIN

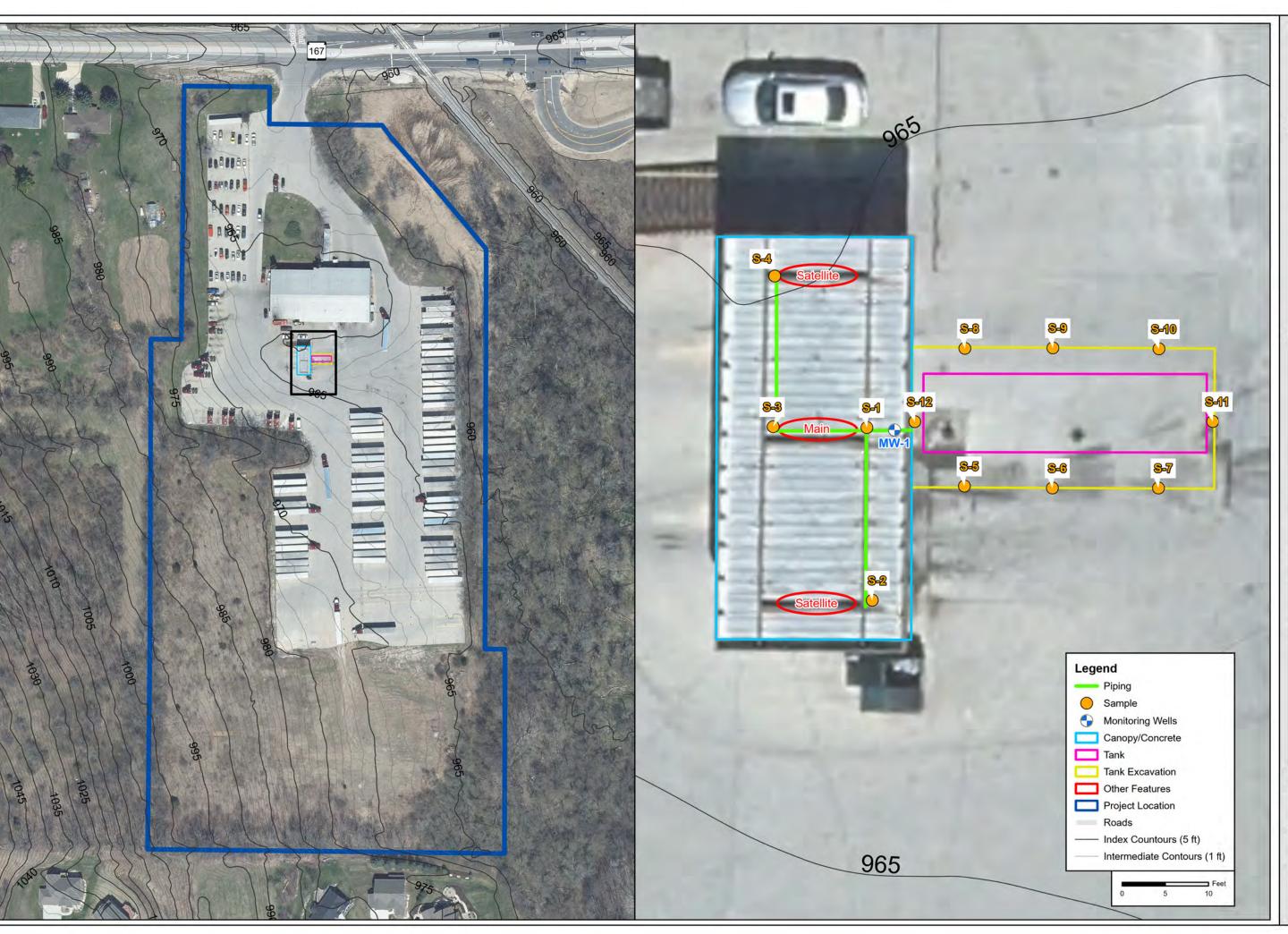
JOB NO.

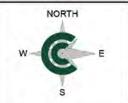
M6838

12/19/2022

**FIGURE** 

Fig. 1







Detailed Site Map Millis Transfer

3001 W HOLY HILL ROAD VILLAGE OF RICHFIELD WASHINGTON COUNTY, WISCONSIN

M6838

DATE
12/20/2022
FIGURE

JOB NO.

Fig. 2



# Tables

Table 1 – Soil Analytical Table

Table 2 – Groundwater Analytical Table



# Table 1 Soil Analytical Results Millis Transfer - Richfield 3001 W Holy Hill Road Richfield, WI

| Analyte                             | Units Groundwater Direct |             | Direct Contact I |         | Direct Contact Direct Contact | Background Threshold<br>Value | S-1            | S-2      | S-3      | S-4      | S-5      | S-6      | S-7      | S-8      | S-9      | S-10     | S-11     | S-12 |
|-------------------------------------|--------------------------|-------------|------------------|---------|-------------------------------|-------------------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|
|                                     |                          | Pathway RCL | RCL              | Date    |                               | 6/3/2022                      | 6/3/2022       | 6/3/2022 | 6/3/2022 | 6/3/2022 | 6/3/2022 | 6/3/2022 | 6/3/2022 | 6/3/2022 | 6/3/2022 | 6/3/2022 | 6/3/2022 |      |
|                                     |                          |             |                  |         |                               |                               | Depth (ft bgs) |          | 3        | 3        | 3        | 12       | 12       | 12       | 12       | 12       | 12       | 12   |
|                                     |                          |             |                  |         | PID (ppmv)                    | 130.4                         | 0.7            | 0.2      | 0.2      | 0.4      | 0.3      | 0.2      | 0.4      | 0.5      | 1.0      | 1.4      | 171.1    |      |
| Volatile Organic Compounds (VOCs)   |                          |             |                  |         |                               |                               |                |          |          |          |          |          |          |          |          |          |          |      |
| 1,2,4-Trimethylbenzene <sup>1</sup> | μg/kg                    | 1,378.71    | 219,000          | 219,000 | 1                             | 5,700                         | <21.0          | <21.0    | <21.0    | <21.0    | <21.0    | <21.0    | <21.0    | <22.0    | <21.0    | <22.0    | 9,400    |      |
| 1,3,5-Trimethylbenzene <sup>1</sup> | μg/kg                    | 1,378.71    | 182,000          | 182,000 |                               | 2,500                         | <22.0          | <22.0    | <22.0    | <22.0    | <22.0    | <22.0    | <22.0    | <23.0    | <23.0    | <23.0    | 3,100    |      |
| Benzene                             | μg/kg                    | 5.1         | 1,600            | 7,070   | -                             | <17.0                         | <8.5           | <8.6     | <8.6     | <8.6     | <8.4     | <8.6     | <8.5     | <8.9     | <8.7     | <8.8     | <8.6     |      |
| Ethylbenzene                        | μg/kg                    | 1,570       | 8,020            | 35,400  |                               | 670                           | <11.0          | <11.0    | <11.0    | <11.0    | <11.0    | <11.0    | <11.0    | <11.0    | <11.0    | <11.0    | 1,100    |      |
| Methyl-tert-butyl ether             | μg/kg                    | 27.0        | 63,800           | 282,000 | -                             | <45.0                         | <23.0          | <23.0    | <23.0    | <23.0    | <23.0    | <23.0    | <23.0    | <24.0    | <24.0    | <24.0    | <23.0    |      |
| Naphthalene                         | μg/kg                    | 658.2       | 5,520            | 24,100  | 1                             | <38.0                         | <19.0          | <20.0    | <20.0    | <20.0    | <19.0    | <20.0    | <19.0    | <20.0    | <20.0    | <20.0    | <20.0    |      |
| Toluene                             | μg/kg                    | 1,107.2     | 818,000          | 818,000 | -                             | <17.0                         | <8.5           | <8.6     | <8.6     | <8.7     | <8.5     | <8.6     | <8.5     | <8.9     | <8.8     | <8.9     | 12.0 J   |      |
| Total Xylene                        | μg/kg                    | 3,960       | 260,000          | 260,000 |                               | 3,300                         | <13.0          | <13.0    | <13.0    | <13.0    | <13.0    | <13.0    | <13.0    | <13.0    | <13.0    | <13.0    | 3,100    |      |

#### Notes:

\* = Exceedance was observed but analytical result is below Background Threshold Value (BTV)

 100
 Exceedance of the NR 720 RCL for Soil-to-Groundwater Pathway

 100
 Exceedance of the NR 720 RCL for Non-Industrial Direct Contact

 100
 Exceedance of the NR 720 RCL for Industrial Direct Contact

PID = Photoionization Detector mg/kg = milligrams per kilogram ug/kg = micrograms per kilogram ppmv = parts per million per volume ft bgs= feet below ground surface RCL = Residual Contaminant Level

< = analyte not detected above laboratories limit of detection

J = Analyte detected at concentrations between the limit of detection and the limit of quantification

B = Compound was found in the blank sample

NA = Not analyzed

-- = Not established

<sup>\*\* =</sup> Not exceeded per ch. NR 720.07(2)(c) If a soil cleanup standard for a soil contaminant is between the limit of detection and the limit of quantitation, the soil cleanup standard shall be considered to be exceeded if the soil contaminant concentration is reported at or above the limit of quantitation.

<sup>&</sup>lt;sup>1</sup> = Soil to Groundwater Pathway RCLs are for 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene combined.

<sup>&</sup>lt;sup>2</sup> = Soil to Groundwater Pathway RCLs are for cis-1,2-Dichloropropene and trans-1,3-Dichloropropene combined

<sup>&</sup>lt;sup>3</sup> = Soil to Groundwater Pathway RCLs are for m, p and o xylenes combined (total xylenes)

#### Table 2 Groundwater Analytical Results Millis Transfer - Richfield 3001 W Holy Hill Road Richfield, WI

| Parameter                           | Units  | ch. NR 140 | ch. NR 140 | MV         | V-1        | PW-1       |  |  |  |  |
|-------------------------------------|--------|------------|------------|------------|------------|------------|--|--|--|--|
| Farameter                           | Ullits | ES         | PAL        | 11/02/2022 | 12/02/2022 | 11/02/2022 |  |  |  |  |
| Volatile Organic Compounds (VOCs)   |        |            |            |            |            |            |  |  |  |  |
| 1,2,4-Trimethylbenzene <sup>1</sup> | ug/L   | 480        | 96         | 2.4        | 3.2        | <0.36      |  |  |  |  |
| 1,3,5-Trimethylbenzene <sup>1</sup> | ug/L   | 480        | 96         | 0.82 J     | 0.97 J     | <0.25      |  |  |  |  |
| Benzene                             | ug/L   | 5.0        | 0.5        | 0.53       | 0.26 J     | <0.15      |  |  |  |  |
| Ethylbenzene                        | ug/L   | 700        | 140        | 1.7        | 2.9        | <0.18      |  |  |  |  |
| Methyl-tert-butyl ether             | ug/L   | 60         | 12         | < 0.39     | < 0.39     | 0.70 J     |  |  |  |  |
| Naphthalene                         | ug/L   | 100        | 10         | < 0.34     | 0.44 J     | < 0.34     |  |  |  |  |
| Toluene                             | ug/L   | 800        | 160        | 0.59       | 0.65       | <0.15      |  |  |  |  |
| Xylenes (total) <sup>2</sup>        | ug/L   | 2,000      | 400        | 7.2        | 8.2        | <0.22      |  |  |  |  |

#### Notes:

-- = No Established Standard

Bold/Red = Concentration exceeds NR 140 Enforcement Standard

Bold/Blue = Concentration exceeds NR 140 Preventive Action Limit

ug/L = Micrograms per liter

mg/L = Milligrams per liter

NA = Not analyzed

J = Reported value was between the limit of detection and the limit of quantitation.

\*\* = Not exceeded per ch. NR 140.14(3)(c) If the preventive action limit or enforcement standard is between the limit of detection and the limit of quantitation, the regulatory agency shall consider the preventive action limit or enforcement standard to be attained or exceeded if the concentration of a substance is reported at or above the limit of quantitation.

<sup>&</sup>lt;sup>1</sup> = ES and PAL levels are for 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene combined

 $<sup>^{2}</sup>$  = ES and PAL levels are for m, p and o xylenes combined (total xylenes)

 $<sup>^{3}</sup>$  = ES and PAL are Public Welfare (ch. NR 140 Table 2) Standards



# **Appendices**

Attachment A – TSSA Report

TR-WM-140 (4/22) Formerly ERS-8951

(608) 224-4942



Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures
P.O. Box 7837, Madison, WI 53707-7837 FOR OFFICE USE ONLY

Wis. Admin. Code §ATCP 93.560

# TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

| CHECK OF                    | NE: UND              |  | ] ABOVEGRO       | UND  |                 |                               |             |              |                       |                       |            |                   |
|-----------------------------|----------------------|--|------------------|--|-----------------|-------------------------------|-------------|--------------|-----------------------|-----------------------|------------|-------------------|
|                             |                      | cLOSURE R                              |                  |  |                 | E-IN-SERVI                    | CE          |              |                       |                       |            |                   |
|                             |                      | em being serviced if                   |                  |  |                 | rvice is bein<br>Spill bucket |             | d<br>spenser |                       |                       |            |                   |
| B. IDENTIF                  | CATION               |  |                  |  |                 |                               |             |              |                       |                       |            |                   |
| OWNER INFO                  | RMATION              | 100 - We                               |                  | division of  | 100             | ugi                           |             | 111,         |                       | -                     | 1786       |                   |
| OWNER NAM                   | Control Section      |  | CRAIG SCH        | Contract of the Contract of th |                 |                               |             | TITLE        |                       |                       |            |                   |
| WILLIS TRA                  | ABN BEFOREAST        | 412663                                 | CRAIG SCHI       | AIU I  |                 | DOW F                         | TOWN 🗆      | VILLAGE      |                       |                       | STATE      | ZIP               |
| AAILING ADD<br>P.O. BOX 55  |                      | N. iii                                 |                  |  |                 | BLACK RI                      | VER FALLS   |              |                       |                       | WI         | 54615             |
| ELEPHONE:                   |                      |  |                  |  |                 | E-MA                          | AIL.        |              |                       | E                     |            |                   |
| 715) 299 - 2                |                      |  |                  |  |                 |                               |             | _            |                       |                       |            | - 12              |
| SITE INFORM                 |                      | 51-2 110 WE                            |                  |  | -               |                               |             |              |                       |                       |            |                   |
| ACILITY NAM                 |                      |  |                  |  |                 |                               |             |              |                       |                       |            |                   |
|                             | S (Not PO Box)       |  |                  |  |                 | CITY C                        | TOWN 🛛      | VILLAGE      |                       |                       | STATE      | ZIP<br>53076      |
|                             | NTRACTOR INFO        | PMATION                                |                  |  |                 | MOIN ILL                      |             |              |                       |                       | 1          | 87.00             |
| RIMARY SER                  |                      | TOR Section A Above                    |                  |  | ERVICE<br>07193 | CONTRACT                      | OR CERT ID  |              | TELEPHON<br>(715) 831 |                       |            |                   |
| TREET ADD                   | RESS                 |  |                  |  | 77100           | EAU CLAIF                     | TOWN        |              |                       | STATE ZIP<br>WI 54702 |            |                   |
| 3 - 3 - 4 - 4 0 - 5 - 5 - 6 |                      | (Complete for all se                   | andea activities | 10000  |                 | D 10 0D 111                   |             |              |                       | _                     | 1          | 5 W 4 E           |
|                             |                      |  | d d              | 8  | -               | f                             | _           | g            |                       |                       | h          |                   |
| а                           | b                    | С                                      |                  | -  |                 | •                             | Releas      | e - Syste    | m If                  | "Yes" to "c           |            | ecify Source      |
|                             | Type of              | Tank Material                          | Piping Material  | Tank<br>Capacity   |                 |                               |             | les, crac    | nised<br>ks,          | and C                 | ause of Re | ease <sup>5</sup> |
| Tank ID #                   | Closure <sup>1</sup> | of Construction                        | of Construction  | (gallons)  |                 | Contents <sup>2</sup>         | loose c     | onnectio     | n, Sou                | rce of Rele           | ase' Cau   | se of Releas      |
| 13523                       | Р                    | STEEL                                  | FRP              | 15000  | DL              |                               | ☐ Yes       | -            |                       |                       |            |                   |
|                             |                      |  |                  |  | - 0             |                               | ☐ Yes       | □ No         | )                     |                       |            |                   |
|                             |                      |  |                  |  |                 |                               | ☐ Yes       | □ No         |                       |                       |            |                   |
|                             |                      |  |                  | an.  |                 |                               | ☐ Yes       | □ No         | )                     |                       |            |                   |
|                             |                      |  |                  | 70   |                 |                               | ☐ Yes       | . □ N        | •                     |                       |            |                   |
|                             |                      | -Y                                     |                  | W  |                 |                               | ☐ Yes       | □ N          | ,                     |                       |            |                   |
| 1 Indicate                  | type of closure:     | P = Permanent, To                      | OS = Temporarily | v Out-of-Si  | ervice          | CIP = Clos                    | ure In-Plac | P            |                       |                       |            |                   |
| 2. Indicate<br>Kerose       | type of product      | DL = Diesel, LG =<br>x, WO = Waste/Use | Leaded Gasolin   | e, UG = U  | Inleade         | d Gasoline,                   | FO = Fue    | Oil, G       |                       |                       |            |                   |
|                             |                      |  |                  |  |                 |                               |             |              |                       |                       |            |                   |
| 3. CAS nu                   | mber(s):             |  |                  |  |                 |                               |             |              |                       |                       |            |                   |
|                             | of release: T = 1    | tank, P = piping, D                    | = dispenser, ST  | P = subme  | ersible t       | turbine pum                   | p, DP = de  | elivery p    | roblem, O             | = other,              | UNK = Un   | known             |
| 4. Source                   |                      |  |                  |  |                 |                               |             |              |                       | 11.71                 |            |                   |

| TR.44A-140 (472) Formerly ERS-8961   |           |             |                         |                |    |
|--|-----------|-------------|-------------------------|----------------|----|
| D. CLOSURES (Check applicable box at right in response to all statements in section D)   |           |             |                         |                |    |
| Written notification was provided to the local agent 5 days in advance of closure date.   Yes No   |           |             |                         |                |    |
| All local permits were obtained before beginning closure.  |           |             |                         |                |    |
| ☑ UST Form TR-WM-137 or ☐ AST Form TR-WM-118 filed by owner with the DATCP indicating clo  | sure.     | Yes Yes     | □ No [                  | ] NA           |    |
| NOTE: TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SU<br>WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST                    |           |             |                         |                |    |
| D. CLOSURE BY REMOVAL OR IN-PLACE  | Da        |             | Inspector               | Inspector      |    |
| 1. General Requirements  |           | mover       | Inspector<br>Verified   | Not Present    | NA |
| Product from piping drained into tank (or other container).  | DY        | □ N         | BY ON                   |                |    |
| b. Piping disconnected from tank and removed.  | 1 Y       |             | -                       |                |    |
| <ul> <li>All liquid and residue removed from tank using explosion-proof pumps or hand pumps prior to<br/>removing tank from excavation.</li> </ul>     |           | □N          | OY ON                   |                |    |
| d. All pump motors and suction hoses bonded to tank or otherwise grounded.   | ďΥ        | □N          | DY. ON                  |                |    |
| e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures   | DY        |             | DY ON                   |                |    |
| f. Vent lines left connected until tanks purged.   | 1 Y       |             | -                       |                |    |
| g. Tank openings temporarily plugged so vapors exit through vent.  | DY        |             | -                       |                |    |
| h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.  | D Y       | _           | DY ON                   |                |    |
| 2. Specific Closure-by-Removal Requirements  | ш,        | Пи          | G 1 U                   |                |    |
| Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.   | T Y       | □N          | ØÝ □N                   |                |    |
| b. Tank cleaned before being removed from site.  | HY        | □ N         | DY ON                   |                |    |
| c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.   | TO Y      |             | DY ON                   |                |    |
| NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CON<br>VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL       |           |             |                         |                |    |
| d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.   | DY        | □ N         | DY. DN                  |                | 1  |
| e. Site security is provided while the excavation is open.   | Y         | _           | DY ON                   |                |    |
| 3. Specific Closure-In-Place Requirements  |           |             |                         |                |    |
| NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF<br>THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OF | RLOCA     | L AGEN      | π.                      |                |    |
| Tank properly cleaned to remove all sludge and residue.  | DY        | □N          | $\square$ Y $\square$ N |                | P  |
| <ul> <li>Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.</li> </ul>                            | DY        | □N          | $\square$ Y $\square$ N |                | ф  |
| c. Vent line disconnected or removed.  | DY        | $\square$ N | □Y □N                   |                | Þ  |
| <ol> <li>Inventory form filed by owner with DATCP indicating closure in-place.</li> </ol>  | DY        | $\square$ N | $\square$ Y $\square$ N |                | 4  |
| E. REPAIR, UPGRADE OR CHANGE-IN-SERVICE  |           |             | . 1                     |                |    |
| Written notification was provided to the local agent 5 days in advance of service date.  | DY        | $\square$ N | NA NA                   |                |    |
| All local permits were obtained before beginning service.  | □ Y       | $\square$ N | NA NA                   |                |    |
| Form TR-WM-137 or 0 TR-WM-118 filed by owner with DATCP indicating change-in-service.  | DY        | $\square$ N | M NA                    |                |    |
| F. METHOD OF VAPOR FREEING OF TANK   |           |             |                         |                |    |
| ☐ Displacement of vapors by eductor or diffused air blower.  |           |             |                         |                |    |
| Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of   | 12 feet a | above g     | round.                  |                |    |
| ☐ Inert gas using dry ice or liquid carbon dioxide.  |           |             |                         |                |    |
| ☐ Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOS ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS                       |           |             |                         |                |    |
| Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank of   | pposite   | the ven     | t.                      |                |    |
| Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing de  | evice gn  | ounded.     |                         |                |    |
| Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before remove  | ving tank | k from g    | round.                  |                |    |
| Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning   | and cut   | ting.       |                         |                |    |
| Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to obottom, middle and upper portion of tank.            | hecking   | atmos       | ohere. Tank sp          | pace monitored | at |
| TR-WM-140 (4/22) Formerly ERS-8951   |           |             |                         |                |    |
| G. REMOVER/CLEANER INFORMATION   |           |             |                         |                |    |
| Justin Pologin and 40  | 15        | 48          | 6                       | -3.2           | 2  |
|  | ICATION   |             | DATE                    | TANK REMOVED   | -  |
| I attest that the procedures and information which I have provided as the tank closure contractor are correct  |           |             |                         |                |    |
| Company expected to perform soil contamination assessment CEDAN CORP   |           | 40          | 1889                    |                |    |

| H. INSPECTOR INFORMATION                       |                            |                         |
|--|----------------------------|-------------------------|
| Jason Karczewski Alunyush                      | 468444                     | DATCP                   |
| INSPECTOR NAME (PRINT): INSPECTOR SIGNATURE    | INSPECTOR CERTIFICATION #  | LPO AGENCY/COMPANY NAME |
| 6610 Richfield                                 | (262) 307-6440             | 6/3/22                  |
| FDID # FOR LOCATION WHERE INSPECTION PERFORMED | INSPECTOR TELEPHONE NUMBER | DATE SIGNED             |
| INSPECTOR NOTES:                               |                            |                         |

TR-WM-140 (4/22) Formerly ERS-8951

#### Part B - To be completed by environmental professional - Submit original Part B to the WDNR along with a copy of Part A

| I. TANK-SYSTEM SITE ASSESSMENT (TS   | SSA)   |  |                    |         |          |  |  |  |  |  |
|--|--|--|--------------------|---------|----------|--|--|--|--|--|
| SITE NAME - Note: SITE NAME and addre  | ss MUST MATCH with Part A Section 1.                                     |  |                    |         |          |  |  |  |  |  |
| Millis Transfer LLC  |  |  |                    |         |          |  |  |  |  |  |
| SITE ADDRESS (Not PO Box)  |  | ☐ CITY ☐ TOWN ☐ VILLAGE                  |                    | STATE   |          |  |  |  |  |  |
| 3001 State HWY 167   |  | Richfield                                | Richfield WI 53076 |         |          |  |  |  |  |  |
| •  | e ATCP 93 and section II part B of ASSE<br>EGROUND STORAGE TANK SYSTEMS. | SSMENT AND REPORTING OF SUSP             | PECTED AND OB      | VIOUS I | RELEASES |  |  |  |  |  |
| If a TSSA is required, then follow the procedures detailed in ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS |  |  |                    |         |          |  |  |  |  |  |
| 1. Site Information  |  |  |                    |         |          |  |  |  |  |  |
| a. Has there been a previously do  | cumented release at this site? 🦳 γ 🛚 🔀                                   | N  |                    |         |          |  |  |  |  |  |
| If yes, provide the DATCP #  |  | or DNR BRRT's #                          |                    |         |          |  |  |  |  |  |
|  | y prior to completion of current services:                               |  | ASTs 0             |         |          |  |  |  |  |  |
|  | y closed systems or system components                                    |  |                    |         |          |  |  |  |  |  |
| ` '  | in feet). (Photos must be provided.)                                     | ,  |                    |         |          |  |  |  |  |  |
| e. Executation at annoholistic (   | in react, (i make the provided.)   |  |                    |         |          |  |  |  |  |  |
| EXCAVATION/TRENCH #  | LENGTH   | WIDTH                                    | DEPTH              |         |          |  |  |  |  |  |
| Tank Bed   | 34   | 17                                       | 12                 |         |          |  |  |  |  |  |
| Piping   | 24   | 4  | 3                  |         |          |  |  |  |  |  |
|  |  |  |                    |         |          |  |  |  |  |  |
|  |  |  |                    |         |          |  |  |  |  |  |
|  |  |  |                    |         |          |  |  |  |  |  |
|  |  |  |                    |         |          |  |  |  |  |  |
|  |  |  | <u> </u>           |         |          |  |  |  |  |  |
| 2. Visual Excavation/Trench Inspect  | ion (Photos must be provided for "Ye                                     | " responses, except item b.)             |                    |         |          |  |  |  |  |  |
| Do any of the following conditions exist   | in or about the excavation(s)?   |  |                    |         |          |  |  |  |  |  |
| a. Stained soils: ☐ Yes ☒ No   | b. Petroleum odor: ⊠ Yes 🔲 N   | o c. Water In excavation/trench          | Yes □ No           | )       |          |  |  |  |  |  |
| d. Free product in the excavation/t  | rench: ☐ Yes ☒ No e. Shee  | n or free product on water:              | ⊠ No               |         |          |  |  |  |  |  |
| 3. Geology/Hydrogeology  |  | •  |                    |         |          |  |  |  |  |  |
| a. Depth to groundwater 13   | feet b. Indicate   | ate type of geology² Silty sand          |                    |         |          |  |  |  |  |  |
| 4. Receptors   |  |  |                    |         |          |  |  |  |  |  |
| a. Water supply well(s) within 250   | feet of the facility? ⊠ Yes ☐ No Ⅰ                                       | f yes, specify: Potable well on site, sp | ecific location un | known   |          |  |  |  |  |  |
| b. Surface water(s) within 1000 fee  | et of the facility? 🗌 Yes 🛮 No 🛮 If ye                                   | s, specify:                              |                    |         |          |  |  |  |  |  |
| 5. Sampling  |  |  |                    |         |          |  |  |  |  |  |
| a. Follow the procedures detailed in ABOVEGROUND STORAGE T.  | in ASSESSMENT AND REPORTING OF<br>ANK SYSTEMS.                           | SUSPECTED AND OBVIOUS RELEA              | ASES FROM UND      | ERGRO   | UND AND  |  |  |  |  |  |
|  | propriate. (Attach chain-of-custody and I                                | aboratory analytical reports.)           |                    |         |          |  |  |  |  |  |
| c. Attach a detailed map of site fea   | • • •  | , , , ,                                  |                    |         |          |  |  |  |  |  |
| ·  | •  |  |                    |         |          |  |  |  |  |  |

#### J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Groundwater was encountered in the bottom of the excavation. No base samples were collected. Sidewall samples were collected approximately 12 feet below ground surface, just above the water table. Soil samples S-1 and S-12 had elevated PID readings. The western tank wall was approximately 8 feet from the master pump. Soil sample S-1 was collected approximately 3 feet below the master pump. Soil sample S-12 was collected from the west side wall at approximately 12 feet. Sample S-12 acts as a confirmation sample from beneath soil sample S-1. 1,2,4-Trimethylbenzene was detected in the trip blank at 32J micrograms per kilogram, the result was detected between the laboratory limit of detection and the limit of quantification.

#### TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

| Sample ID # | Sample Location &                   | Sample Collection Method |                |                | od             | Depth Below        | Field Screening | GRO     | DRO     |
|-------------|-------------------------------------|--------------------------|----------------|----------------|----------------|--------------------|-----------------|---------|---------|
|             | Soil/Geologic Description           | Grab                     | Shelby<br>Tube | Direct<br>Push | Split<br>Spoon | Tank/Piping (feet) | Result (ppm)    | (mg/kg) | (mg/kg) |
| S-1         | East master piping / Silty sand     | $\boxtimes$              |                |                |                | -3                 | 130.4           |         |         |
| S-2         | South satellite piping / Silty sand | $\boxtimes$              |                |                |                | -3                 | 0.7             |         |         |
| S-3         | West master piping / Silty sand     | $\boxtimes$              |                |                |                | -3                 | 0.2             |         |         |
| S-4         | North satellite piping / Silty sand | $\boxtimes$              |                |                |                | -3                 | 0.2             |         |         |
| S-5         | Southwest wall / Silty sand         | $\boxtimes$              |                |                |                | -12                | 0.4             |         |         |
| S-6         | South wall / Silty sand             | $\boxtimes$              |                |                |                | -12                | 0.3             |         |         |
| S-7         | Southeast wall / Silty sand         | $\boxtimes$              |                |                |                | -12                | 0.2             |         |         |
| S-8         | Northwest wall / Silty sand         | $\boxtimes$              |                |                |                | -12                | 0.4             |         |         |
| S-9         | North wall / Silty sand             | $\boxtimes$              |                |                |                | -12                | 0.5             |         |         |
| S-10        | Northeast wall / Silty sand         | $\boxtimes$              |                |                |                | -12                | 1.0             |         |         |
| S-11        | East wall / Silty sand              | $\boxtimes$              |                |                |                | -12                | 1.4             |         |         |
| S-12        | West wall / Silty sand              | $\boxtimes$              |                |                |                | -12                | 171.1           |         |         |
|             |                                     |                          |                |                |                |                    |                 |         |         |
|             |                                     |                          |                |                |                |                    |                 |         |         |

#### TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

| Sample ID # | BENZENE | TOLUENE | ETHYLBENZENE | MTBE  | TRIMETHYL -<br>BENZENES<br>(TOTAL) | XYLENES (TOTAL) | NAPHTHALENE |
|-------------|---------|---------|--------------|-------|------------------------------------|-----------------|-------------|
|             | ug/kg   | ug/kg   | ug/kg        | ug/kg | ug/kg                              | ug/kg           | ug/kg       |
| S-1         | <17     | <17     | 670          | <45   | 8,200                              | 3,300           | <38         |
| S-2         | <8.5    | <8.5    | <11          | <23   | <22                                | <13             | <19         |
| S-3         | <8.6    | <8.6    | <11          | <23   | <22                                | <13             | <20         |
| S-4         | <8.6    | <8.6    | <11          | <23   | <22                                | <13             | <20         |
| S-5         | <8.6    | <8.7    | <11          | <23   | <22                                | <13             | <20         |
| S-6         | <8.4    | <8.5    | <11          | <23   | <22                                | <13             | <19         |
| S-7         | <8.6    | <8.6    | <11          | <23   | <22                                | <13             | <20         |
| S-8         | <8.5    | <8.5    | <11          | <23   | <22                                | <13             | <19         |
| S-9         | <8.9    | <8.9    | <11          | <24   | <23                                | <13             | <20         |
| S-10        | <8.7    | <8.8    | <11          | <24   | <23                                | <13             | <20         |
| S-11        | <8.8    | <8.9    | <11          | <24   | <23                                | <13             | <20         |
| S-12        | <8.6    | 12JB    | 1,100        | <23   | 12,500                             | 3,100           | <20         |
| Trip Blank  | <7.3    | <7.4    | <9.2         | <20   | 32J                                | <11             | <17         |

# K. TANK-SYSTEM SITE ASSESSMENT INFORMATION As a tank-system site assessor certified under Wis. Admin. Code section ATCP 93.240, it is my opinion that there is no indication of a release of a

regulated substance to the environment.

Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section ATCP 93.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter ATCP 93 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of \$10 and a maximum of \$5000 for each violation under Wis. Stats. Section 168.26 (5). Each day of continued violation and each tank are treated as separate offenses.

| Quin Lenz                                  | 2-            | -6                      | 494047            |  |  |
|--|---------------|-------------------------|-------------------|--|--|
| TANK-SYSTEM SITE ASSESSOR NAME (PRINT):    | TANK-SYSTEM S | SITE ASSESSOR SIGNATURE | CERTIFICATION NO. |  |  |
| (920) 491 - 9081                           | 6/20/2022     | Cedar Corporation       |                   |  |  |
| TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER | DATE SIGNED   | COMPANY NAME            |                   |  |  |



Wisconsin Department of Agriculture, Trade and Consumer Protection

Bureau of Weights and Measures

PO Pay 7837 Medison WI 53707-7837

PO Box 7837 Madison, WI 53707-7837

(608) 224-4942

Wis. Admin. Code §ATCP 93.140

FOR OFFICE USE ONLY

# UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered.

A separate form is needed for each tank. Send each completed form to the agency designated above.

| This registration applies to a ⊠ tank ☐ piping status that   | is (check one): Date of s  | tatus change: 6/3/2022   | 2  |   |                           |  |  |
|--|--|--|--|---|---------------------------|--|--|
| ☐ In Use   | ☐ Abandoned with Water   | ☐ Abandoned w  | rith Product   |   |                           |  |  |
| ☐ Newly Installed  | ☑ Closed - Removed   |  | ☐ Abandoned without Product (empty)  |   |                           |  |  |
| ☐ Temporarily Out of Service – Provide Date: ☐ Ownership Change (Indicate new owner name in box 2 –  | ☐ Closed – Filled with Inert Materia<br>- attach deed)   | ls   | te/Facility Address O  | nly (complete box   | xes 1.a.                  | and b. below)  |  |
| DENTIFICATION (Please Print)   | X+_  |  |  |   | 111                       |  |  |
| . TANK SITE NAME   |  | COUNTY   |  | PHONE   |                           |  |  |
| MILLIS TRANSFER INC  |  | WASHINGTO  | ON   | ( ) -   |                           |  |  |
| a. CURRENT SITE STREET ADDRESS   |  |  | LAGE TOWN  | OF: S   | TATE                      | ZIP  |  |
| 3001 STATE RD 167 W  |  | RICHFIELD  | D. D. Lever  | V   | VI                        | 53076  |  |
| b. PREVIOUS SITE STREET ADDRESS  |  | LAGE TOWN  | OF: S  | TATE  | ZIP                       |  |  |
| Fire Dept. providing fire coverage where tank is located:  | CITY TOWN VILLAGE of   | RICHFIELD #6610  | 0  |   |                           |  |  |
| Z. TANK OWNER LEGAL NAME   |  | COUNTY   |  | PHONE: Chec   | k 🗆 CE                    | LL or LAND   |  |
| MILLIS TRANSFER INC  |  | JACKSON  |  | (715) 299 -   |                           |  |  |
| MAILING ADDRESS  |  | CITY UVIL  | LAGE TOWN  | OF: S   | TATE                      | ZIP  |  |
| P.O. BOX 550   |  | BLACK RIVE   | R FALLS  | I V   | VI                        | 54615  |  |
| PROPERTY OWNER NAME (if different from Tank Owner  | Legal Name #2)   | COUNTY (if diffe   | rent from County #2)   |   |                           |  |  |
| PROPERTY OWNER ADDRESS (if different from Site Stre  | eet Address #1)  | CITY VIL   | LAGE TOWN  | OF: S   | TATE                      | ZIP  |  |
| 4. CLASS A NAME  | DOB  |  | CERTIFICATION:   | (Attach certificat  | e)                        |  |  |
| 5. CLASS B NAME  | DOB  |  | CERTIFICATION: (Attach certificate)  |   |                           |  |  |
|  |  |  |  |   |                           |  |  |
| American Company Compa |  |  |  |   |                           |  |  |
|  | FACILITY ID # 412663   |  | CUSTOMER ID #  |   |                           |  |  |
| Tank Capacity (gallons): 15000   | Tank Age (age or date installed):  |  |  | Vehicle fueling:  |                           |  |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): ☐ County  | Tank Age (age or date installed):  | ederal Owned 🔲 Triba   |  | Vehicle fueling:  |                           |  |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): ☐ County  CCUPANCY TYPE (check one) Refer to back   | Tank Age (age or date installed): ☐ State ☐ Federal Leased ☐ Fe  |  |  | Vehicle fueling:  |                           |  |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): ☐ County  CCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales ☑ Mercantile/Commercial  | Tank Age (age or date installed):  ☐ State ☐ Federal Leased ☐ Federal Lea  | age   Industrial   | al Nation  | Vehicle fueling:<br>pal   Other Go  | vernmer                   |  |  |
| ank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): ☐ County  CCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales ☐ Mercantile/Commercial ☐  Agricultural (crop or livestock production) ☐ Utility  | Tank Age (age or date installed): ☐ State ☐ Federal Leased ☐ Fe  | age   Industrial   | al Nation  | Vehicle fueling:<br>pal ☐ Other Go<br>☐ School  | Gove                      | nt Private   |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): ☐ County  CCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales ☑ Mercantile/Commercial  Agricultural (crop or livestock production) ☐ Utility  TANK CONSTRUCTION:   | Tank Age (age or date installed):  ☐ State ☐ Federal Leased ☐ Federal Lea  | age   Industrial   | al Nation  | Vehicle fueling: pal  Other Go School Overfill Protection   | Gove                      | nt Private   |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): ☐ County  DCCUPANCY TYPE (check one) Refer to back ☐ Retail Fuel Sales  | Tank Age (age or date installed):  State Federal Leased Federal Robert Federal Leased Federal Robert Federal Lease Federal Robert Federal Rob | age Industrial or Other (speci   | al Nation  | Vehicle fueling: pal   Other Go School Overfill Protection Spill Containment  | Gove                      | mment Fleet  Yes N Yes N   |  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): ☐ County  DCCUPANCY TYPE (check one) Refer to back ☐ Retail Fuel Sales   | Tank Age (age or date installed):  State Federal Leased Federal Leased Federal Leased Federal Leased Federal Leased Federal Leased Federal Bulk Storage Federal Backup or Emergency General Backup or  | age Industrial or Other (speci   | al Nation  | Vehicle fueling: pal  Other Go School Overfill Protection   | Gove                      | rnment Fleet   |  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): ☐ County  DCCUPANCY TYPE (check one) Refer to back ☐ Retail Fuel Sales ☐ Mercantile/Commercial ☐ ☐ Agricultural (crop or livestock production) ☐ Utility  TANK CONSTRUCTION: ☐ Bare Steel ☐ Coated Steel ☐ Steel — Fiberg ☐ Fiberglass ☐ Unknown ☐ Other (specify  TANK CATHODIC PROTECTION: ☐ Sacrificial Ano   | Tank Age (age or date installed):  State Federal Leased Federal Leased Federal Leased Federal Leased Federal Leased Federal Leased Federal Backup or Emergency General Bac | age   Industrial or   Other (speci   | al Nation  | Vehicle fueling: pal   Other Go School  Overfill Protection Spill Containment Fank Double Wall                              | Gove                      | mment Fleet  Yes N Yes N   |  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): ☐ County  DCCUPANCY TYPE (check one) Refer to back ☐ Retail Fuel Sales ☐ Mercantile/Commercial ☐ ☐ Agricultural (crop or livestock production) ☐ Utility  TANK CONSTRUCTION: ☐ Bare Steel ☐ Coated Steel ☐ Steel — Fiberg ☐ Fiberglass ☐ Unknown ☐ Other (specify  TANK CATHODIC PROTECTION: ☐ Sacrificial Ano  TANK LEAK DETECTION METHOD: ☐ Automatic tank of  | Tank Age (age or date installed):  State Federal Leased Federal Le | age   Industrial or   Other (speci   | al Nation  | Vehicle fueling: pal   Other Go School Overfill Protection Spill Containment  | Gove                      | rnment Fleet  Yes No   |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): ☐ County  CCCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales ☑ Mercantile/Commercial ☐  Agricultural (crop or livestock production) ☐ Utility  TANK CONSTRUCTION:  Bare Steel ☑ Coated Steel ☐ Steel ─ Fiberg  Fiberglass ☐ Unknown ☐ Other (specify  TANK CATHODIC PROTECTION: ☑ Sacrificial Ano  TANK LEAK DETECTION METHOD: ☑ Automatic tank of  Manual tank gauging (only for tanks of 1,000 gallons or less   | Tank Age (age or date installed):  State Federal Leased Federal Backup or Emergency General Backup or Emergency General Lined General Federal | age   Industrial or   Other (speci   | al Nation  | Vehicle fueling: pal   Other Go School  Overfill Protection Spill Containment Fank Double Wall                              | Gove                      | mment Fleet  Yes N Yes N   |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): County OCCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales Mercantile/Commercial Marcantile/Commercial Utility  Ank Construction: Steel Steel Steel Steel Fiberg  Fiberglass Unknown Other (specify ANK CATHODIC PROTECTION: Sacrificial Anomark Cank DETECTION METHOD: Automatic tank of Manual tank gauging (only for tanks of 1,000 gallons or less of the property of the construction: Single Wall Double Wall:  | Tank Age (age or date installed):  State Federal Leased Federal Le | age   Industrial or   Other (special (date):   N/A  Description   Yes  | al Nation  | Vehicle fueling: pal   Other Go School  Overfill Protection Spill Containment Fank Double Wall                              | Gove                      | mment Fleet  Yes N Yes N   |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): ☐ County  CCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales ☐ Mercantile/Commercial ☐  Agricultural (crop or livestock production) ☐ Utility  TANK CONSTRUCTION:  Bare Steel ☐ Coated Steel ☐ Steel — Fiberg  Fiberglass ☐ Unknown ☐ Other (specify  TANK CATHODIC PROTECTION: ☐ Sacrificial Ano  TANK LEAK DETECTION METHOD: ☐ Automatic tank of  Manual tank gauging (only for tanks of 1,000 gallons or less  PIPING CONSTRUCTION: ☐ Single Wall ☐ Double Wall:  Bare Steel ☐ Coated Steel ☐ Fiberglass   | Tank Age (age or date installed):  State Federal Leased Federal Le | age   Industrial or   Other (special (date):   N/A  Description   Yes  Anknown   N/A   | al Nation  | Vehicle fueling: pal   Other Go School  Overfill Protection Spill Containment Fank Double Wall                              | Gove                      | mment Fleet  Yes N Yes N   |  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): ☐ County  CCCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales ☑ Mercantile/Commercial ☐  Agricultural (crop or livestock production) ☐ Utility  TANK CONSTRUCTION:  Bare Steel ☑ Coated Steel ☐ Steel — Fiberg  Fiberglass ☐ Unknown ☐ Other (specify  TANK CATHODIC PROTECTION: ☑ Sacrificial Ano  TANK LEAK DETECTION METHOD: ☑ Automatic tank g  Manual tank gauging (only for tanks of 1,000 gallons or les  PIPING CONSTRUCTION: ☑ Single Wall ☐ Double Wall:  □ Bare Steel ☐ Coated Steel ☑ Fiberglass  PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodes   | Tank Age (age or date installed):  State Federal Leased Federal Le | age   Industrial or   Other (special (date):   N/A  Description   Yes  Anknown   N/A   | al Nation  | Vehicle fueling:  pal   Other Go  School  Dverfill Protection  Spill Containment  Fank Double Wall  tistical Inventory      | Gove Gove  Gove  Reconcil | mment Fleet  Yes N Yes N   |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): County  CCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales Mercantile/Commercial  Agricultural (crop or livestock production) Utility  TANK CONSTRUCTION:  Bare Steel Coated Steel Steel Fiberg  Fiberglass Unknown Other (specify  TANK CATHODIC PROTECTION: Sacrificial Anomalist tank gauging (only for tanks of 1,000 gallons or less  PIPING CONSTRUCTION: Single Wall Double Wall:  Bare Steel Coated Steel Fiberglass  PIPING CATHODIC PROTECTION: Sacrificial Anode:  PIPING CATHODIC PROTECTION: Pressurized pipin   | Tank Age (age or date installed):  State   | age ☐ Industrial or ☐ Other (special (date): ☐ N/A ⇒ Electronic ☐ Yes  Inknown ☐ N/A ☑ N/A ELLD ☑ B. Flow res  | al Nation  | Vehicle fueling: pal   Other Go School  Overfill Protection Spill Containment Fank Double Wall                              | Gove Gove  Gove  Reconcil | mment Fleet  Yes N Yes N   |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): County OCCUPANCY TYPE (check one) Refer to back Retail Fuel Sales Mercantile/Commercial Agricultural (crop or livestock production) Utility  TANK CONSTRUCTION: Bare Steel Coated Steel Steel Fiberg Fiberglass Unknown Other (specify TANK CATHODIC PROTECTION: Sacrificial Ano TANK LEAK DETECTION METHOD: Automatic tank of Manual tank gauging (only for tanks of 1,000 gallons or lese PIPING CONSTRUCTION: Single Wall Double Wall: Bare Steel Coated Steel Fiberglass  PIPING CATHODIC PROTECTION: Pressurized pipin Suction piping with check valve at tank   | Tank Age (age or date installed):  State   | age ☐ Industrial or ☐ Other (special (date): ☐ N/A  ⇒ Electronic ☐ Yes  ☐ N/A ☐ N/A ☐ N/A ELLD ☒ B. Flow respectable ☐ Not nee   | al Nation  | Vehicle fueling: pal    Other Go School  Overfill Protection Spill Containment Fank Double Wall  tistical Inventory         | Gove Gove  Gove  Reconcil | mment Fleet  Yes N Yes N   |  |
| AND OWNER TYPE (Refer to back; check one):  COUPANCY TYPE (check one) Refer to back Retail Fuel Sales Mercantile/Commercial Agricultural (crop or livestock production) Utility  CANK CONSTRUCTION: Bare Steel Coated Steel Steel Fiberg Fiberglass Unknown Other (specify CANK CATHODIC PROTECTION: Sacrificial Anomalism Canalism Steel Coated Steel Steel Coated Steel Priberglash Construction:  ANK LEAK DETECTION METHOD: Automatic tank of Manual tank gauging (only for tanks of 1,000 gallons or less o | Tank Age (age or date installed):  State   | age   Industrial or   Other (special (date):   N/A  ⇒ Electronic   Yes  inknown   N/A  N/A  ELLD   B. Flow res chectable   Not nee chectable sump or cable se  | al Nation  | Vehicle fueling: pal    Other Go School  Overfill Protection Spill Containment Fank Double Wall  tistical Inventory         | Gove Gove  Gove  Reconcil | mment Fleet  Yes N Yes N   |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): County  CCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales Mercantile/Commercial  Agricultural (crop or livestock production) Utility  TANK CONSTRUCTION:  Bare Steel Coated Steel Steel Fiberg  Fiberglass Unknown Other (specify  TANK CATHODIC PROTECTION: Sacrificial Another Construction METHOD: Automatic tank of Manual tank gauging (only for tanks of 1,000 gallons or less  PIPING CONSTRUCTION: Single Wall Double Wall: Bare Steel Coated Steel Fiberglass  PIPING CATHODIC PROTECTION: Socrificial Anodes  PIPING LEAK DETECTION METHOD: Interstitial monity  Tightness testing Electronic line monitor - ELLD  | Tank Age (age or date installed):  State   | age   Industrial or   Other (special (date):   N/A  ⇒ Electronic   Yes  inknown   N/A  N/A  ELLD   B. Flow res cectable   Not nee cectable   Sump or cable se  | Residential ify):    Residential ify):   Compared to the compa | Vehicle fueling: pal    Other Go School Overfill Protection Spill Containment Fank Double Wall tistical Inventory Unknoon   | Gove Gove Reconcil        | mment Fleet  Yes   No.   Yes   No.   Yes   No.   Interval   No.   No.   Interval   No.   In |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): County  CCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales Mercantile/Commercial  Agricultural (crop or livestock production) Utility  TANK CONSTRUCTION:  Bare Steel Coated Steel Steel Fiberg  Fiberglass Unknown Other (specify  TANK CATHODIC PROTECTION: Sacrificial Another  TANK LEAK DETECTION METHOD: Automatic tank of Manual tank gauging (only for tanks of 1,000 gallons or less  PIPING CONSTRUCTION: Single Wall Double Wall: Bare Steel Coated Steel Fiberglass  PIPING CATHODIC PROTECTION: Sacrificial Anodet  PIPING LEAK DETECTION METHOD: Interstitial monitary  Tightness testing Electronic line monitor - ELLD  TANK CONTENTS Current, or previous product (if tank now   | Tank Age (age or date installed):  State   | age   Industrial or   Other (special or   N/A   Description   Yes  Inknown   N/A   N/A   ELLD   B. Flow reserved   Not need   Unknown    | Residential  Residential  Residential  No Sta  Other:  Strictor – MLLD  eded if waste oil  ensor Yes No Sta  | Vehicle fueling:  pal    Other Go  School  Overfill Protection Spill Containment Tank Double Wall tistical Inventory  Unkno | Gove  Gove  Reconcil      | rnment Fleet  Yes   N Yes   N Yes   N  |  |
| AND OWNER TYPE (Refer to back; check one):  CCUPANCY TYPE (check one) Refer to back Retail Fuel Sales Mercantile/Commercial Agricultural (crop or livestock production)  CANK CONSTRUCTION: Bare Steel Coated Steel Steel Fiberglass CANK CATHODIC PROTECTION: Sacrificial Anomalist tank gauging (only for tanks of 1,000 gallons or less printing Construction: Sacrificial Anomalist tank gauging (only for tanks of 1,000 gallons or less printing Construction: Sacrificial Anomalist tank gauging (only for tanks of 1,000 gallons or less printing Construction: Single Wall Double Wall: Printing Cathodic Protection: Sacrificial Anodes printing Cathodic Protection: Interstitial monity of Cathodic Protection Method: Interstitial monity of Cathodic Protection Methodic Protection | Tank Age (age or date installed):  State   | age   Industrial or   Other (special or   Othe | Residential  | Vehicle fueling: pal    Other Go School Overfill Protection Spill Containment Fank Double Wall tistical Inventory Unkno     | Gove  Gove  Reconcil      | mment Fleet  Yes   N Yes   N Yes   N History (SIR)   |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): ☐ County OCCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales ☑ Mercantile/Commercial ☐ Agricultural (crop or livestock production) ☐ Utility  ANK CONSTRUCTION: ☐ Steel ☐ Steel ─ Fiberglass ☐ Unknown ☐ Other (specify Fiberglass ☐ Unknown ☐ Other (specify ANK CATHODIC PROTECTION: ☒ Sacrificial Anomatic tank game and tank gauging (only for tanks of 1,000 gallons or less PIPING CONSTRUCTION: ☒ Single Wall ☐ Double Wall: ☐ Bare Steel ☐ Coated Steel ☒ Fiberglass  PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodese PIPING LEAK DETECTION METHOD: ☐ Interstitial monitial Tightness testing ☐ Electronic line monitor - ELLD  ANK CONTENTS Current, or previous product (if tank now ☐ Bio-Diesel: ☐ % ☐ Hazardous Waste/Interface*  ☐ Waste/Used Motor Oil ⇔ ☐ Used for Heating  | Tank Age (age or date installed):  State   | age   Industrial or   Other (special or   N/A   Description   Yes  Inknown   N/A   N/A   ELLD   B. Flow reserved   Not need   Unknown    | Residential      | Vehicle fueling: pal    Other Go School Overfill Protection Spill Containment Fank Double Wall tistical Inventory Unkno     | Gove  Gove  Reconcil      | rnment Fleet  Yes   N Yes   N Yes   N  |  |
| Tank Capacity (gallons): 15000  AND OWNER TYPE (Refer to back; check one): ☐ County  CCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales ☑ Mercantile/Commercial ☐  Agricultural (crop or livestock production) ☐ Utility  TANK CONSTRUCTION:  Bare Steel ☑ Coated Steel ☐ Steel ─ Fibergiass ☐ Unknown ☐ Other (specify)  TANK CATHODIC PROTECTION: ☑ Sacrificial Anomalist tank gauging (only for tanks of 1,000 gallons or less  PIPING CONSTRUCTION: ☑ Single Wall ☐ Double Wall:  Bare Steel ☐ Coated Steel ☑ Fibergiass  PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodese  PRIMARY PIPING SYSTEM TYPE: ☑ Pressurized piping  Suction piping with check valve at tank ☐ Suction piping  PIPING LEAK DETECTION METHOD: ☐ Interstitial monitial Tightness testing ☐ Electronic line monitor - ELLD  TANK CONTENTS Current, or previous product (if tank now ☐ Bio-Diesel: ☐ % ☐ Hazardous Waste/Interface*  Waste/Used Motor Oil ⇨ ☐ Used for Heating  Other (specify):   | Tank Age (age or date installed):  State   | age   Industrial or   Other (special or   Othe | Residential  | Vehicle fueling: pal    Other Go School Overfill Protection Spill Containment Fank Double Wall tistical Inventory Unkno     | Gove  Gove  Reconcil      | mment Fleet  Yes   N Yes   N Yes   N   |  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): ☐ County OCCUPANCY TYPE (check one) Refer to back ☐ Retail Fuel Sales ☐ Mercantile/Commercial ☐ ☐ Agricultural (crop or livestock production) ☐ Utility  TANK CONSTRUCTION: ☐ Bare Steel ☐ Coated Steel ☐ Steel — Fiberg ☐ Fiberglass ☐ Unknown ☐ Other (specify TANK CATHODIC PROTECTION: ☐ Sacrificial Ano TANK LEAK DETECTION METHOD: ☐ Automatic tank g ☐ Manual tank gauging (only for tanks of 1,000 gallons or les PIPING CONSTRUCTION: ☐ Single Wall ☐ Double Wall: ☐ Bare Steel ☐ Coated Steel ☐ Fiberglass  PIPING CATHODIC PROTECTION: ☐ Sacrificial Anode: ☐ PRIMARY PIPING SYSTEM TYPE: ☐ Pressurized pipin ☐ Suction piping with check valve at tank ☐ Suction pip PIPING LEAK DETECTION METHOD: ☐ Interstitial moni ☐ Tightness testing ☐ Electronic line monitor - ELLD  TANK CONTENTS Current, or previous product (if tank now ☐ Bio-Diesel: ☐ % ☐ Hazardous Waste/Interface* ☐ Waste/Used Motor Oil ⇨ ☐ Used for Heating ☐ Other (specify):  Has a site assessment been completed? (see reverse side  | Tank Age (age or date installed):  State   | age  | Residential      | Vehicle fueling: pal    Other Go School Overfill Protection Spill Containment Fank Double Wall tistical Inventory Unkno     | Gove  Gove  Reconcil      | mment Fleet  Yes   N Yes   N Yes   N   |  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one):  CCUPANCY TYPE (check one) Refer to back Retail Fuel Sales  Mercantile/Commercial   Agricultural (crop or livestock production)  Utility  TANK CONSTRUCTION:  Bare Steel  Coated Steel  Steel - Fiberg   Fiberglass  Unknown  Other (specify  TANK CATHODIC PROTECTION: Sacrificial Another   TANK LEAK DETECTION METHOD: Automatic tank of   Manual tank gauging (only for tanks of 1,000 gallons or less   PIPING CONSTRUCTION: Single Wall Double Wall:  Bare Steel  Coated Steel  Fiberglass   PIPING CATHODIC PROTECTION: Sacrificial Anode:  PRIMARY PIPING SYSTEM TYPE: Pressurized pipin   Suction piping with check valve at tank  Suction pip   PIPING LEAK DETECTION METHOD: Interstitial monity   TANK CONTENTS Current, or previous product (if tank now   Bio-Diesel:  | Tank Age (age or date installed):  State   | age   Industrial or   Other (special or   Othe | Residential      | Vehicle fueling: pal    Other Go School Overfill Protection Spill Containment Fank Double Wall tistical Inventory Unkno     | Gove  Gove  Reconcil      | mment Fleet  Yes   N Yes   N Yes   N History (SIR)   |  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): County  OCCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales Mercantile/Commercial  Agricultural (crop or livestock production) Utility  TANK CONSTRUCTION:  Bare Steel Coated Steel Steel Fiberg  Fiberglass Unknown Other (specify  TANK CATHODIC PROTECTION: Sacrificial Another Sacrificial Another Steel Coated Steel Fiberglash  TANK LEAK DETECTION METHOD: Automatic tank of Manual tank gauging (only for tanks of 1,000 gallons or less piping CONSTRUCTION: Single Wall Double Wall: Fiberglash  PIPING CONSTRUCTION: Fiberglash  PIPING CATHODIC PROTECTION: Pressurized piping Suction piping with check valve at tank Suction piping With check valve at tank Suction piping Tightness testing Electronic line monitor - ELLD TANK CONTENTS Current, or previous product (if tank now Bio-Diesel: % Hazardous Waste/Interface*  Waste/Used Motor Oil © Used for Heating  Other (specify):  Has a site assessment been completed? (see reverse side)  TANK OWNER LEGAL NAME (please print)   | Tank Age (age or date installed):  State   | age   Industrial or   Other (special or   Other   Othe | Residential      | Vehicle fueling: pal    Other Go School Overfill Protection Spill Containment Fank Double Wall tistical Inventory Unkno     | Gove  Gove  Reconcil      | mment Fleet  Yes   N Yes   N Yes   N History (SIR)   |  |
| LAND OWNER TYPE (Refer to back; check one): ☐ County OCCUPANCY TYPE (check one) Refer to back ☐ Retail Fuel Sales ☐ Mercantile/Commercial ☐ ☐ Agricultural (crop or livestock production) ☐ Utility TANK CONSTRUCTION: ☐ Bare Steel ☐ Coated Steel ☐ Steel — Fiberg ☐ Fiberglass ☐ Unknown ☐ Other (specify TANK CATHODIC PROTECTION: ☐ Sacrificial Anoutanic tank of the complete of the coated Steel ☐ Double Wall: ☐ Manual tank gauging (only for tanks of 1,000 gallons or lese) PIPING CONSTRUCTION: ☐ Single Wall ☐ Double Wall: ☐ Bare Steel ☐ Coated Steel ☐ Fiberglass PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodese PRIMARY PIPING SYSTEM TYPE: ☐ Pressurized piping ☐ Suction piping with check valve at tank ☐ Suction piping ☐ Suction piping with check valve at tank ☐ Suction piping ☐ Suction Piping With Check valve at tank ☐ Suction pip ☐ TANK CONTENTS Current, or previous product (if tank now) ☐ Bio-Diesel: ☐ % ☐ Hazardous Waste/Interface* ☐ Waste/Used Motor Oil ⇨ ☐ Used for Heating ☐ Other (specify):  Has a site assessment been completed? (see reverse side)  TANK OWNER LEGAL NAME (please print)   | Tank Age (age or date installed):  State   | age   Industrial or   Other (special or   Other   Othe | Residential      | Vehicle fueling: pal    Other Go School Overfill Protection Spill Containment Fank Double Wall tistical Inventory Unkno     | Gove  Gove  Reconcil      | mment Fleet  Yes   N Yes   N Yes   N Yes   N O   |  |



Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures

Storage Tank Regulation, PO Box 7837, Madison, WI 53707-7837

Phone: (608) 224-4942

Wis. Admin. Code §ATCP 93.115 §ATCP 93.350

FOR OFFICE USE ONLY

CP 93 NOTIFICATION RECORD Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m), Wis. Stats.) OFFICE LOCATION: TO: Darren Leone (Refer to <a href="https://datcp.wi.gov/Pages/Programs">https://datcp.wi.gov/Pages/Programs</a> Services/StorageTankContacts.aspx for a jurisdiction's authorized agent/department.) Note: Only the notification form is required for non-flammable, non-combustible, hazardous liquid, or CERCLA tanks greater than or equal to 5,000 gallon capacity that are under the direct supervision of a qualified engineer. A plan review is not required. (ATCP 93.350(2)(b)). LOCATION / IDENTIFICATION **FACILITY NUMBER** FIRE DEPT. PROVIDING FIRE PROTECTION COVERAGE # 6610 PHONE NUMBER TANK OWNER EMAIL ( CITY **□**/TOWN **WILLAGE** PHONE NUMBER **CELL NUMBER** EMAIL (715) 831 - 8484 ADVANCED TANK SERVICE, INC (715) 579 - 8324 molson@adv-tank.com STREET ADDRESS CITY ☐ TOWN ☐ VILLAGE STATE ZIP P.O. BOX 1072 WI 54702 EAU CLAIRE DATE WORK IS TO BEGIN DATE/TIME REQUESTED FOR TANK INSPECTION ATCP 93 CERTIFIED INSTALLER SUPERVISOR OR QUALIFIED ENGINEER Justin Peloquin 1=30 pm PROJECT WILL INVOLVE: (Check all that apply) Plan Approval No .: Approval Date: UST AST No. of Tanks | Comments: Tank Installation Dispenser POS Conversion Piping Installation or Upgrade Leak Detection Upgrade Spill or Overfill Protection ISK DSL П Cathodic Protection or Interior Lining П CERCLA Chemical Tank(s) Only X Tank Closure Alternative Fuel Storage Tank П Installation<sup>2,3,5</sup> (see footnotes below) TSSA: Cedar Conponation Alternative Fuel Storage Tank Conversion<sup>4,5</sup> (see footnotes below) Send Notice to DATCP (see address above). Installation inspection is not required if construction/installation is supervised by a qualified engineer <sup>2</sup>For LPO installations send notice to both the assigned LPO and DATCP General Inspection Inspector. DATCP General Inspection Inspector will be at the final inspection only. Alternative fuel storage tank systems shall not begin operation until the DATCP General Inspection Inspector has granted approval. 3For DATCP installation inspections send notice to only the assigned DATCP Installation Inspector. Alternative fuel storage tank systems shall not begin operation until the DATCP general inspector has granted approval. <sup>4</sup>Send notice to only the DATCP General Inspection Inspector. See Conditional Approval letter and Notification email for Installation and general inspector information.

For USTs: If an Owner/Operator intends to begin operation immediately after the final inspection, they shall prepare and submit the documentation listed below at least 15 days prior to the final inspection:

- A TR-WM-137 Underground Flammable/Combustible Liquid Storage Tank Registration.
- · A Wisconsin Operator Training Designation form.
- Affidavit of Financial Responsibility, certificate of insurance, and site schedule of covered locations and storage tanks.



604 Wilson Avenue Menomonie, WI 54751

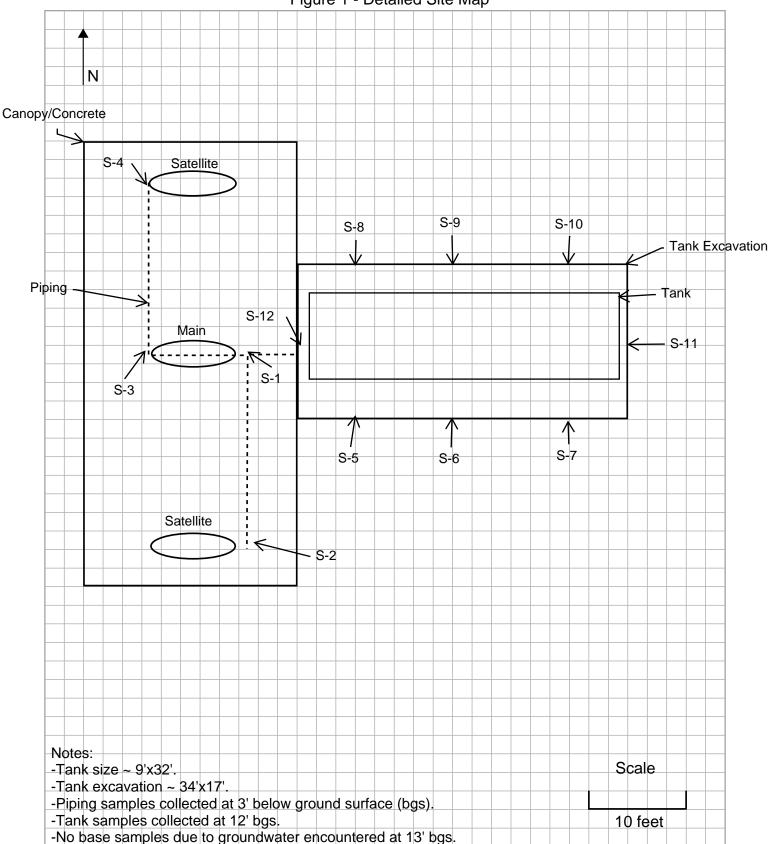
Menomonie, WI 54751

engineeting | architecture | environmental | surveying landscape, architecture | planning | economic development

JOB Millis Transfer LLC

BY QL DATE 6/3/2022

#### Figure 1 - Detailed Site Map





### PHOTOGRAPH LOG

**Client Name:** 

Wisconsin Department of Natural Resources

Site Location:

3001 State Highway 167, Richfield WI

Project No. 00590-0009

Photo No.

**Date:** 6/3/2022

Direction Photo Taken:

Northwest

**Description:** 

View of the tank location prior to removal.



Photo No.

No. Date: 6/3/2022

Direction Photo Taken:

East

Description:

View of the tank during removal.



**Date:** 6/3/2022

Direction Photo Taken:

Northwest

# **Description:**

15,000-gallon tank removed from the Site.



Photo No.

**Date:** 6/3/2022

Direction Photo Taken:

West

# Description:

Area of the tank excavation.



**Date:** 6/3/2022

Direction Photo Taken:

South

# **Description:**

View of the south sidewall of the tank excavation.



Photo No.

**Date:** 6/3/2022

Direction Photo Taken:

Southwest

# Description:

View of the west sidewall of the tank excavation



**Date:** 6/3/2022

Direction Photo Taken:

Northwest

# **Description:**

View of the north sidewall of the tank excavation.



Photo No.

**Date:** 6/3/2022

Direction Photo Taken:

Northeast

# Description:

View of the east sidewall of the tank excavation.



**Date:** 6/3/2022

**Direction Photo** 

Taken:

North

# **Description:**

View of the pipe excavation running from the main to the northern satellite.



Photo No.

**Date:** 6/3/2022

Direction Photo Taken:

North

# Description:

View of the pipe excavation running from the main to the northern satellite.





# STRAIGHT BILL OF LADING

GMO- 4866

| B   | S   |  |   |
|---|---|--|---|
| Advanced Tank Service #6497   | H   | Millis Transfer  |   |
| LPick-up 4 drums die  | sel sludge  | 3001 Holy Hill Rd  |   |
| East Side of Bldg.  | R   | Richfield, WI 53076  |   |
| O Phone number:   | M Phone numbe   | er:  |   |
| The property described below, in apparent good order, except as note destined as indicated below, which said company (the word company possession of property under the contract) agrees to carry to its usual deliver to another carrier on route to said destination. It is mutually a destination, as to each party at any time interested in all or any of sait tions not prohibited by law, whether printed or written, herein contain and accepted for himself and his assigns. | y being understood throug<br>place of delivery at said<br>gree, as to each carrier of<br>d property, that every ser | ghout this contract as meaning any<br>destination, if on its own road or if<br>all or any of said property over a<br>vice to be performed hereunder sh | person or corporation in<br>its own water line, otherwise to<br>ill or any portion of said route to<br>all be subject to all the condi- |
| Route: BEST WAY   | LIC DOT I   | Harmat Dag Numban N  | NIT 200011506   |
| Delivery Carrier: OSI Environmental, Inc.  Alternate Carrier:   |   | Hazmat Reg. Number: Mazmat Reg. Number:  | IN 1 280011386  |
| Number of   | 03 D011   | Haziliat Reg. Nulliber.  |   |
| Packages HM Description of articles   |   |  | ERG   |
| RQ, UN1203, Flammable Liquid Gasoline for Recycle APPROXIMATE GALLONS:  | I, N.O.S. 3 PG II   |  | 128   |
| Designated Facility OSI ENVIRONMENTAL 912 TE  | COLLOT MALUE  |  |   |
| OSI EITTIKOTTIKE SIZ II   | SCH CI , WALKE  | SHA, WI 53186  |   |
| Specialty Product for Recycle Mineral Oil PG III (NON PCB: APPROXIMATE GALLONS:   | PPN   | M)   | 128   |
| Designated Facility OSI ENVIRONMENTAL, 912 TE   | SCH CT., WAUKES   | SHA WI 53186   |   |
| Specialty Product for Recycle Mineral Oil PG III (NON PCB: _ APPROXIMATE GALLONS:   |   |  | 128   |
| Designated Facility OSI ENVIRONMENTAL, 912 TE   | SCH CT., WAUKES   | SHA, WI 53186  |   |
| RQ, UN1202, Fuel Oil, Combust   | ible Liquid PG III  |  | 128   |
| Designated Facility OSI ENVIRONMENTAL, 912 TE   |   | SHA, WI 53186  |   |
| This is to certify that the above-named materials are properly classified, descr  |   |  | r transportation according  |
| Placards Required:  Shipper Signature:  | Placards S  Carrier Sig   | 4/11   | ned By Carrier  |
| Date: 6 13-22   | Received l  | BY ZUIS M  | Date 6/3  |
| CUSTOMER PROJECT NUMBER:  |   |  |   |
| UNIT #: 1015  | 912   | Environmental, Inc. 800-732-56 Tesch Court EPA # WIRG ukesha, WI 53186   | 667<br>000147397 WDNR #14740  |
| OSI TANK NUMBER:  |   |  |   |

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 732-5667



# Attachment B – Field Forms

|  | Watershed/Wastewater<br>Remediation/Redevelopme  |  | nagement  | MONITORING WELL<br>Form 4400-113A       | L CONSTRUCTION<br>Rev. 7-98              |
|--|--|--|---|---|--|
| Facility/Project Name<br>Millis Transfer - Richfield |  |  | ft.   E.  | Well Name<br>MW-1                       |  |
| Facility License, Permit or Monitoring No.           | Local Grid Origin 🔲 (e                           | stimated:   "Long.                           | Well Location   | Wis. Unique Well No.                    | DNR Well ID No.                          |
| Facility ID  | St. Planc  | ft. N,                                       | ft. E. S/C/N  | Date Well Installed                     | / 28 / 2022                              |
| Type of Well   | Section Location of Waste<br>NE 1/4 of NE 1/4 of | e/Source                                     | NR 10 EE  | Well Installed By: Na                   | d d v v v v<br>me (first, last) and Fire |
| Well Code/   | Location of Well Relative                        | to Waste/Source                              | Gov, Lot Number   | Tonyh                                   | apuai                                    |
| Distance from Waste/ Enf. Stds. Sourceft Apply       | u □ Upgradient :                                 | s 🗌 Sidegradien                              |   | On Site Envi                            | ronmental                                |
|  | d Downgradient                                   |  | 1. Cap and lock?  |   | ¥ Yes □ No                               |
| ***  | ft. MSL  |  | 2. Protective cover   | pipe:                                   |  |
| <b>3</b> , -1  |  |  | a. Inside diamete   | r:                                      | in.                                      |
| C. Land surface elevation                            | fLMSL  |  | b. Length:<br>c. Material:                                    |   | (). <u>()</u> ft.<br>Steel <b>⊠</b> 04   |
| D. Surface seal, bottom ft. MS                       | SLor ft.   |  | c. Materian   |   | Other 🗆 🎬                                |
| 12. USCS classification of soil near screen          | n:   |  | d. Additional pro   | election?                               | ☐ Yes ☐ No                               |
|  | SW D SP D  |  | If yes, describ   | e:                                      |  |
| SM SC ML MH C Bedrock                                | CT CH CH C                                       | <b>*************************************</b> | 3. Surface scal:  |   | Bentonite 🗆 30                           |
|  | Yes X No   |  | ASDY  | 1-1-                                    | Concrete 0 1                             |
| _  | tary 🗆 50  | <b>M M</b> `                                 |   | well casing and protect                 | Other 💢 💹                                |
| Hollow Stem At                                       | ,  |  | 4. Material Detween   | well casing and project                 | Bentonite 🕱 30                           |
| Geoprobe o   | ther 🗹 💮   |  |   |   | Other 🗆                                  |
| •  |  |  | 5. Annular space se   | al: a. Granular/Chipp                   |  |
| 15. Drilling fiuid used: Water □ 0 2                 | Air 🗆 01   |  |   | and weight Bentonite                    |  |
| Drilling Mud □ 03 N                                  | None 199   |  |   | nud weight Bent                         |  |
| 16. Drilling additives used?                         | Yes √Zį No                                       |  |   | ite Bentonite-o                         |  |
|  | , , , , , , , , , , , , , , , , , , ,            |  | •   | volume added for any                    |  |
| Describe   |  |  | f. How installed  |   |  |
| 17. Source of water (attach analysis, if requ        | rired):  |  |   | 1101                                    | mie pumped □ 02<br>Gravity 🔀 08          |
| _ NA   |  |  | 6. Bentonite seal:  | a. Bentor                               | nite granules  33                        |
|  |  |  | b. □1/4 in. 🕅   | 3/8 in. □1/2 in. Be                     | ntonite chips   3 2                      |
| E. Bentonite seal, top ft. MS                        | Lor <u>Q°</u> D_ft.                              |  | c   | *************************************** | Other 🗆 🏬                                |
| F. Fine sand, top ft. MS                             | Lor <u>3.5</u> A                                 |  | 7. Fine sand moteri   | al: Manufacturer, produ                 | ict name & mesh size                     |
| G. Filter pack, top ft. MS                           | Lorft.   |  | b. Volume added   |   | 13 ADPY                                  |
| H. Screen joint, top ft. MS                          | L oriQft.  |  | a KW S  | ial: Manufacturer, produ                |  |
| I. Well bottom ft. MS                                | L or _ <u>Q</u> Q_ft.                            |  | <ul><li>b. Volume added</li><li>9. Well casing:</li></ul>     | Flush threaded PVC so                   | , ,                                      |
| J. Filter pack, bottomft_MS                          | Lor_ <u>18</u> _ft.                              |  |   | Flush threaded PVC so                   | Other 🗆 🚆                                |
| K. Borehole, bottom ft. MS                           | L or _ <u> </u>                                  | 1  | <ol> <li>Screen material:</li> <li>a. Screen type:</li> </ol> | PVC                                     | Factory cut 2 11                         |
| L. Borehole, diameter _3.5 in.                       |  |  |   |   | tinuous slot 🔲 01 Other 🗆 🧱              |
| M. O.D. well casing                                  |  |  | b. Manufacturer c. Slot size:                                 |   | 0. <u>0</u> in.                          |
| N. I.D. well casing 1.38 in.                         |  | 1  | d. Slotted length  1. Backfill material                       | :<br>(below filter pack):               | _\_Oft. None □ 14                        |
| I hereby certify that the information on this        | form is true and sower to                        | the best of mar land                         | wledge  |   | Other 🗆 🧱                                |
| Signature ()   | Firm   | A A A A                                      | C C   |   |  |
| - WINIW WW   | N  | ruado  | (ONE  | ) <u></u> _                             |  |

Please complete both Forms 4400 113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin Department of Natural Resources

#### MONITORING WELL DEVELOPMENT Form 4400-113B Rev. 7-98

| Route to: Watershed/Waster  | water 🔲 💹         | , Waste Management  |
|---|-------------------|---|
| Remediation/Rede  | evelopment        | Other   |
| Facility/Project Name   | County Name       | Well Name   |
| Millis Transfer - Richfield   | Washing           | ,   |
| Facility License, Permit or Monitoring Number   | County Code       | Wis. Unique Well Number DNR Well ID Number  |
| 1. Can this well be purged dry?   2. Well development method  | s 🙀 No            | 11. Depth to Water  (from top of a  |
| surged with bailer and bailed  surged with bailer and pumped  surged with block and bailed  surged with block and pumped  surged with block, bailed and pumped  compressed air  bailed only  pumped only  pumped slowly | 51<br>52<br>50    | well casing)  Date $b. \frac{1}{m} \frac{1}{d} \frac{2}{d} \frac{20}{y} \frac{27}{y} \frac{1}{y} \frac{1}{y} \frac{1}{y} \frac{20}{y} \frac{27}{y} \frac{1}{y} \frac$ |
|   | <u>5</u>          | 13. Water clarity Clear ☐ 1 0 Clear ☐ 2 0  Turbid ☐ 1 5 Turbid ☐ 2 5  (Describe) (Describe)   |
| 4. Depth of well (from top of well casisng)   |                   | Brown Clear   |
| 5. Inside diameter of well  | <u> </u>          | dared wi wear   |
| 6. Volume of water in filter pack and well casing   | gal.              | Petrodor Codor  |
| 7. Volume of water removed from well  |                   | Fill in if drilling fluids were used and well is at solid waste facility:  14. Total suspended  |
| 8. Volume of water added (if any)  9. Source of water added \( \sum_{\text{N}} \begin{align*} \begin{align*} \limits \\ \limits \\ \end{align*}   | ) <u>( )</u> gal. | solids  15. COD   |
| 10. Analysis performed on water added? Ye (If yes, attach results)  | s 🗆 No            | 16. Well developed by: Name (first, last) and Firm  First Name: Ashley Last Name: Wagner  Firm: Cedar Corporation   |
| 17. Additional comments on development: Surged Y4" tubing   | Jurina            | development   |
| Name and Address of Facility Contact/Owner/Responsible First Last Name: Name:   | e Party           | I hereby certify that the above information is true and correct to the best of my knowledge.  |
| Facility/Firm: Millis Transfer  |                   | Signature: DD WWW   |
| Street:   |                   | Print Name: Ashley Wagner   |
| City/State/Zip: Black River Falls, WI   |                   | Firm: Cedar Corporation   |

State of Wis., Dept. of Natural Resources dnr.wi.gov

# Well / Drillhole / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Page 1 of 2

**Notice:** Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

|  | Route to DNR Bureau:                    |  |                                |  |                              |  |
|--|---|--|--------------------------------|--|------------------------------|--|
| Verification Only of Fill and Seal                   | Drinking Water                          |  | ☐ Watershed/W                  | 'astewater   | Remediation/Redevelopment    |  |
| <b>,</b>   | Waste Managemer                         | nt   | Other:                         |  |                              |  |
| 1. Well Location Information                         |   | 2. Facilii   | ty / Owner Inf                 | ormation   |                              |  |
|  | Hicap #                                 | Facility Na  |                                | no abadi negati na manaka na ka 865688954950999  |                              |  |
| Mashington Removed Well Mus-1                        |   |  |                                |  |                              |  |
| Latitude / Longitude (see instructions) Format (     | Code Method Code                        | Facility ID  | (FID or PWS)                   |  |                              |  |
| N D  |   |  |                                |  |                              |  |
|  | SCR002                                  | License/Po   | ermit/Monitoring               | #  |                              |  |
|  | DM OTH001                               |  |                                |  |                              |  |
|  | nship Range E                           | Original W   | /ell Owner                     | 2000   | _                            |  |
| or Gov't Lot#  | N W                                     | 14111  | 119 16                         | 1112461  |                              |  |
| Well Street Address                                  |   | Present W  | IS TON                         | ncfer  |                              |  |
| 3001 W HOLL HILL Rd                                  |   | 991,   | Idress of Presen               | t Owner  |                              |  |
| Well City, Village or Town                           | Well ZIP Code                           | _  | 0x 550                         | · Owner  |                              |  |
| Subdivision Name                                     | 55016                                   | City of Pre  | esent Owner                    |  | State ZIP Code               |  |
| Oubdivision Name                                     | Lot #                                   | BIAC   | KRIVER                         | FAILS  | wi 54615                     |  |
| Reason for Removal from Service   WI Unique Well     | # of Replacement Well                   |  | <u> </u>                       | <u> </u>   | ealing Material              |  |
| ND contamination                                     |   | Pump a   | nd piping remov                | ed?  | Yes No No N/A                |  |
| 3. Filled & Sealed Well / Drillhole / Borehole       | nformation                              | ٠,   | removed?                       |  | Yes No No N/A                |  |
| Monitoring Well Original Construction                | n Date (mm/dd/yyyy)                     |  | perforated?                    |  | Yes No N/A                   |  |
| Water Well 10/28/                                    | 2032                                    | 1  | removed?                       |  | Yes No N/A                   |  |
| If a Well Construction                               | n Report is available,                  |  | left in place?                 |  | Yes No N/A                   |  |
| Borehole / Drillhole please attach.                  |   | 1  | sing cut off belov             |  | Yes No N/A                   |  |
| Construction Type:                                   | _                                       |  | ling material rise             |  | Yes No N/A                   |  |
| Drilled Driven (Sandpoint)                           | Dug                                     | Did material settle after 24 hours?  If yes, was hole retopped?  Yes No N/A  N/A |                                |  |                              |  |
| Other (specify):                                     |   |  |                                | ppea:<br>ised, were they h   | vdrated                      |  |
| Formation Type:                                      |   | with wat   | ter from a known               | safe source?   | Yes No N/A                   |  |
| Unconsolidated Formation Bedroo                      |   |  |                                | g Sealing Materia  |                              |  |
| Total Well Depth From Ground Surface (ft.) Casing D  | iameter (in.)                           |  | ductor Pipe-Grav               | <u></u>  | or Pipe-Pumped               |  |
| <u> 30</u> /-  | ろん                                      | (Beni  | ened & Poured<br>tonite Chips) | Other (E   | xplain):                     |  |
| Lower Drillhole Diameter (in.) Casing D              | epth (ft.)                              | Sealing Ma   | aterials                       | _  |                              |  |
| 3.5"   | 30                                      | Neat   | Cement Grout                   |  | Concrete                     |  |
| Was well annular space grouted? Yes                  | No Unknown                              | Sand   | I-Cement (Concr                | ete) Grout [   | Bentonite Chips              |  |
|  |   |  |                                | fonitoring Well Bo   | oreholes Only:               |  |
| If yes, to what depth (feet)?  Depth to Water        | i '                                     |  | onite Chips                    |  | tonite - Cement Grout        |  |
|  |   | Gran   | ular Bentonite                 |  | tonite - Sand Slurry         |  |
| 5. Material Used to Fill Well / Drillhole            |   | From (ft.)   | To (ft.)                       | No. Yards, Sack<br>Volume (circ  |                              |  |
| Asphait  |   | Surface  | 0.9                            | NM   |                              |  |
| 3/8" Bentonite Ci                                    | rips                                    | <u>0,2</u>   | 20                             | 0.3  |                              |  |
| 6. Comments  |   |  | e confluence                   | and the property of the second | A record to the third return |  |
| is Clash III Did callo                               | 0.500001100                             | Coo  | 0.0 - (0.0                     | 20 (1) 0 (   |                              |  |
| 10 ft of 1" PVC casin                                | gremovea                                | · 2014   | een (el                        | nams 1   | n place.                     |  |
| 7. Supervision of Work                               |   |  |                                |  | DNR Use Only                 |  |
| Name of Person or Firm Doing Filling & Sealing Lices | 1                                       | _  | ng or Verification             |  | Noted By                     |  |
| Street or Route                                      | (mm/dd/yyy                              | ephone Nu  | mpar<br>-03-8035               |  |                              |  |
| into N407 winshington.                               | A                                       | epriorie Nu<br>120) 37   | MP-2289                        | Comments   |                              |  |
| City State   | <u> </u>                                |  | of Person Doing                |  | Date Signed                  |  |
| Cedar Dura lini                                      | 155012-                                 | Mohi   | 1. LINA                        | nn ~   | 12.18.2023                   |  |
|  | , | اللاياب  | $\sim$                         | W · · ·  |                              |  |



#### **Groundwater Sampling Log**

|                    |               |             | Giodilawatei Saii      | ihiiig rog                          |                |                           |  |  |  |
|--------------------|---------------|-------------|------------------------|-------------------------------------|----------------|---------------------------|--|--|--|
| <b>Project Inf</b> | formation:    |             |                        |                                     |                |                           |  |  |  |
| Project Na         | me: Millis T  | ransfer Ric | hfield                 | Well ID: MW-1                       | Date: 11/2/22  |                           |  |  |  |
| Cedar Proj         | ect Number    | : M6838-0   | 01                     | Cedar Representative: Ashley Wagner |                |                           |  |  |  |
| Project Ad         | dress: 3001   | W Holy Hil  | l Rd, Richfield, WI 53 | 3076                                |                |                           |  |  |  |
| Water Qua          | ality Meter ( | Make, Mod   | del, S/N): Hanna, HI   | 9813-6, 042400081                   | .01            |                           |  |  |  |
| Water Lev          | el Informati  | on:         |                        |                                     |                |                           |  |  |  |
| Depth to B         | ottom (ft. b  | elow TOC):  | 19.66                  | Length of Water Co                  | lumn: 8.61 ft  |                           |  |  |  |
| Depth of V         | Vater (ft. be | low TOC): 2 |                        | One Well Volume (                   |                | a. Pipe]): 0.69 gal       |  |  |  |
| Well Purgi         | ng Data:      |             |                        |                                     |                |                           |  |  |  |
| _                  | :hod: Purge/  | sample per  | ri pump                |                                     |                |                           |  |  |  |
|                    |               |             | eloped well prior to   | sampling (16.5 gal)                 |                |                           |  |  |  |
| Water Ou           | ality Parame  | eters:      |                        |                                     |                |                           |  |  |  |
| Time               | Gallons       | рН          | Cond. (mS/cm)          | TDS (ppm)                           | Temp (°C)      | Notes                     |  |  |  |
|                    | Initial       |             |                        |                                     |                |                           |  |  |  |
| 9:55               | 16.5          | 7.1         | 1                      | NM                                  | 15             | color: clear/brown specks |  |  |  |
|                    |               |             |                        |                                     |                | odor: weak petro          |  |  |  |
|                    |               |             |                        |                                     |                | clarity: clear            |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
| Temp = De          | egrees Celsui | is          | Cond. = Electrical (   | Conductivity                        | TDS = Total [  | Dissolved Solids          |  |  |  |
| Method of          | f campling: D | ourge/samr  | ole peri pump          | Have groundwa                       | ter naramerter | s haan mat?               |  |  |  |
| Sample ID:         |               | urge/samp   | ле реп раттр           | Yes                                 | No (           | NA )                      |  |  |  |
| · · · · · ·        | VOCs + Nap    | hthalene    |                        | Explaination:                       |                |                           |  |  |  |
| Sample Tir         |               |             |                        |                                     |                |                           |  |  |  |
| Additional         | Comments:     |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |
|                    |               |             |                        |                                     |                |                           |  |  |  |



#### **Groundwater Sampling Log**

|                    |                  |             | Groundwater Sam        | hiiig rog            |                 |                          |
|--------------------|------------------|-------------|------------------------|----------------------|-----------------|--------------------------|
| <b>Project Inf</b> | ormation:        |             |                        |                      |                 |                          |
| Project Na         | me: Millis T     | ransfer Ric | hfield                 | Well ID: PW-1        |                 | Date: 11/2/22            |
| Cedar Proj         | ect Number       | : M6838-0   | 01                     | Cedar Represen       | tative: Ashley  | Wagner                   |
| Project Ad         | dress: 3001      | W Holy Hil  | l Rd, Richfield, WI 53 | 076                  |                 |                          |
| Water Qua          | ality Meter (I   | Make, Mod   | del, S/N): Hanna, HI   | 9813-6, 042400081    | .01             |                          |
| Mataulau           | al Infance:      |             |                        |                      |                 |                          |
|                    | el Informati     |             | . NIA                  | anoth of Mator Co    | Junean NIA      |                          |
|                    | ottom (ft. b     |             |                        | ength of Water Co    |                 | in Dinally NA            |
| Depth of v         | Vater (ft. bel   | ow roc): i  | VA (                   | One Well Volume (    | C.0.08[101.1 di | a. Pipej): NA            |
| Well Purgi         | ng Data:         |             |                        |                      |                 |                          |
| Purge Met          | hod: Purge f     | aucet in fa | cility                 |                      |                 |                          |
| Minimum            | Required Vo      | lume: NA    |                        |                      |                 |                          |
| Matan Our          | alita . Davasa a |             |                        |                      |                 |                          |
|                    | Gallons          |             | Cond (mC/om)           | TDC (nnm)            | Tomp (°C)       | Notes                    |
| Time               |                  | рН          | Cond. (mS/cm)          | TDS (ppm)            | Temp (°C)       | Notes                    |
| 10:48              | Initial<br>NM    | 7.3         | 1.36                   | NM                   | 15.5            | color: clear             |
| 10.46              | INIVI            | 7.5         | 1.30                   | INIVI                | 15.5            | odor: none               |
|                    |                  |             |                        |                      |                 | clarity: clear           |
|                    |                  |             | 1                      |                      |                 | ciarity. cicar           |
|                    |                  |             |                        |                      |                 | Turned faucet on, and    |
|                    |                  |             |                        |                      |                 | let run for appx 10 min, |
|                    |                  |             |                        |                      |                 | pressure tank turned on  |
|                    |                  |             |                        |                      |                 | before sampling.         |
|                    |                  |             |                        |                      |                 | 1 0                      |
|                    |                  |             |                        |                      |                 |                          |
|                    |                  |             |                        |                      |                 |                          |
|                    |                  |             |                        |                      |                 |                          |
|                    |                  |             |                        |                      |                 |                          |
|                    |                  |             |                        |                      |                 |                          |
| Temp = De          | grees Celsui     | S           | Cond. = Electrical C   | Conductivity         | TDS = Total [   | Dissolved Solids         |
| N 1 a 4 b a d a 4  | i aananlina. C   | منده مامحسد |                        | Have analyzedine     |                 | - h                      |
| Sample ID:         |                  | ample spig  | ot at pressure tank    | Have groundwa<br>Yes | No (            | NA NA                    |
|                    | VOCs + Napl      | hthalana    |                        | Explaination:        | NO (            | INA                      |
| Sample Tir         | •                | пинанене    |                        | Ехріаніаціон.        |                 |                          |
| Sample m           | ne.              |             |                        |                      |                 |                          |
| Additional         | Comments:        |             |                        |                      |                 |                          |
|                    |                  |             |                        |                      |                 |                          |
|                    |                  |             |                        |                      |                 |                          |
|                    |                  |             |                        |                      |                 |                          |
|                    |                  |             |                        |                      |                 |                          |



#### **Groundwater Sampling Log**

| Project Inf | ormation:     |              |                      |                       |                  |                     |
|-------------|---------------|--------------|----------------------|-----------------------|------------------|---------------------|
| Project Na  | me: Millis T  | ransfer Ricl | nfield               | Well ID: MW-1         |                  | Date: 12/2/22       |
| Cedar Proje | ect Number    | : M6838-00   | )1                   | Cedar Represen        | tative: Ashley \ | Nagner              |
| Project Ad  | dress: 3001   | W Holy Hill  | Rd, Richfield, WI 53 | 3076                  |                  |                     |
| Water Qua   | lity Meter (  | Make, Mod    | el, S/N): Hanna, HI  | 9813-6, 042400081     | .01              |                     |
|             | el Informati  |              | 40.76                | La calle a CMALA a Ca | 0 27 0           |                     |
|             | ottom (ft. b  | -            |                      | Length of Water Co    |                  | o Dinol\. O 75 col  |
| Depth of w  | /ater (ft. be | iow 10C): 1  | 0.39                 | One Well Volume (     | c*0.08[for 1* di | a. Pipej): 0.75 gai |
| Well Purgi  | ng Data:      |              |                      |                       |                  |                     |
| Purge Met   | hod: Purge/   | sample per   | i pump               |                       |                  |                     |
| Minimum I   | Required Vo   | lume: Rede   | veloped well prior   | to sampling (15 gal   | )                |                     |
| Water Qua   | lity Parame   | eters:       |                      |                       |                  |                     |
| Time        | Gallons       | рН           | Cond. (mS/cm)        | TDS (ppm)             | Temp (°C)        | Notes               |
|             | Initial       |              |                      |                       |                  |                     |
| 9:00        | 15            | 7            | 1.45                 | NM                    | 11.8             | color: clear        |
|             |               |              |                      |                       |                  | odor: none          |
|             |               |              |                      |                       |                  | clarity: clear      |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
| Temp = De   | grees Celsu   | is           | Cond. = Electrical   | Conductivity          | TDS = Total D    | Dissolved Solids    |
| N40+b0d of  | aananlina. D  |              | la mani muman        | Have analysis         | <b>.</b>         | . h . a             |
| Sample ID:  |               | urge/samp    | le peri pump         | Have groundwa<br>Yes  | No (             | NA NA               |
|             | VOCs + Nap    | hthalana     |                      | Explaination:         | NO (             | NA )                |
| Sample Tin  |               | ittiaiene    |                      | Explamation.          |                  |                     |
|             |               |              |                      |                       |                  |                     |
| Additional  | Comments:     |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |
|             |               |              |                      |                       |                  |                     |



## Attachment C – Photo Log



Client Name: Millis Transfer
Site Location: Richfield, WI
Project No. M6838-001

Photo No.

**Date:** 11/2/2022

**Direction Photo** 

Taken:

East

Description:

Drilling MW-1



Photo No.

Date:

11/2/2022

Direction Photo Taken:

West

**Description:** 

Drilling MW-1





Client Name: Millis Transfer

Site Location: Richfield, WI

Project No. M6838-001

Photo No.

**Date:** 11/2/2022

Direction Photo Taken:

Description:

Constructed MW-1



Photo No. Date: 4 11/2/2022

Direction Photo Taken:

East-Northeast

Description:

Completed MW-1





**Client Name: Millis Transfer** 

Site Location: Richfield, WI

Project No. M6838-001

Photo No. 5

Date: 11/2/2022

**Direction Photo** 

Taken:

Southeast

**Description:** 

Location of pressure tank, PW-1 sample



Photo No.

Date: 11/2/2022

**Direction Photo** Taken:

East

Description:

Location of pressure tank, PW-1 sample





**Client Name: Millis Transfer** 

Site Location: Richfield, WI

**Project No.** M6838-001

Photo No.

Date:

12/2/2022

**Direction Photo** 

Taken:

West

Description:

Former tank cavity paved over



Photo No.

**Date:** 12/2/2022

**Direction Photo** 

Taken:

West

Description:

Former tank cavity paved over – MW-1 in sound condition





Client Name: Millis Transfer

Site Location: Richfield, WI

Project No. M6838-001

Photo No.

**Date:** 12/2/2022

Direction Photo Taken:

East-Southeast

#### **Description:**

Former tank cavity paved over – MW-1 in sound condition





## Attachment D – Laboratory Analytical Reports



eurofins

# **Environment Testing America**

## **ANALYTICAL REPORT**

Eurofins Chicago 2417 Bond Street University Park, IL 60484 Tel: (708)534-5200

Laboratory Job ID: 500-217596-1 Client Project/Site: Richfield Tank Pull

For:

Cedar Corporation 1695 Bellevue Street Green Bay, Wisconsin 54311

Attn: Quin Lenz

Authorized for release by: 6/20/2022 7:46:03 AM

Sandie Fredrick, Project Manager II (920)261-1660

Sandra.Fredrick@et.eurofinsus.com

.....LINKS .....

Review your project results through

**Have a Question?** 



Visit us at: www.eurofinsus.com/Env The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

3

\_\_

6

8

9

11

13

14

Client: Cedar Corporation Project/Site: Richfield Tank Pull Laboratory Job ID: 500-217596-1

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#### **Case Narrative**

Client: Cedar Corporation
Project/Site: Richfield Tank Pull

Job ID: 500-217596-1

Job ID: 500-217596-1

**Laboratory: Eurofins Chicago** 

Narrative

Job Narrative 500-217596-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 6/4/2022 9:15 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 3.6° C.

#### GC/MS VOA

Method 8260B: The following sample was diluted due to the abundance of non-target analytes: S-1 (500-217596-1). 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.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Job ID: 500-217596-1 Client: Cedar Corporation

Project/Site: Richfield Tank Pull

| Client Sample ID: S-1                    |              |           |          |     |                | Lab Sample ID: 500       | -217596-1            |
|--|--------------|-----------|----------|-----|----------------|--------------------------|----------------------|
| Analyte                                  | Result       | Qualifier | LOQ      | DL  | Unit           | Dil Fac D Method         | Prep Type            |
| Ethylbenzene                             | 670          |           | 29       | 21  | ug/Kg          |                          | Total/NA             |
| 1,2,4-Trimethylbenzene                   | 5700         |           | 110      |     | ug/Kg          | 100 ☆ 8260B              | Total/NA             |
| 1,3,5-Trimethylbenzene                   | 2500         |           | 110      |     | ug/Kg          | 100 ☆ 8260B              | Total/NA             |
| Xylenes, Total                           | 3300         |           | 57       | 25  | ug/Kg          | 100 ☆ 8260B              | Total/NA             |
| Client Sample ID: S-2                    |              |           |          |     |                | Lab Sample ID: 500       | )-217596-2           |
| No Detections.                           |              |           |          |     |                |                          |                      |
| Client Sample ID: S-3                    |              |           |          |     |                | Lab Sample ID: 500       | )-217596-3           |
| No Detections.                           |              |           |          |     |                |                          |                      |
| Client Sample ID: S-4                    |              |           |          |     |                | Lab Sample ID: 500       | )-217596-4           |
| No Detections.                           |              |           |          |     |                |                          |                      |
| Client Sample ID: S-5                    |              |           |          |     |                | Lab Sample ID: 500       | )-217596-5           |
| No Detections.                           |              |           |          |     |                |                          |                      |
| Client Sample ID: S-6                    |              |           |          |     |                | Lab Sample ID: 500       | )-217596-6           |
| No Detections.                           |              |           |          |     |                |                          |                      |
| Client Sample ID: S-7                    |              |           |          |     |                | Lab Sample ID: 500       | )-217596-7           |
| No Detections.                           |              |           |          |     |                |                          |                      |
| Client Sample ID: S-8                    |              |           |          |     |                | Lab Sample ID: 500       | )-217596-8           |
| No Detections.                           |              |           |          |     |                |                          |                      |
| Client Sample ID: S-9                    |              |           |          |     |                | Lab Sample ID: 500       | -217596-9            |
| No Detections.                           |              |           |          |     |                |                          |                      |
| Client Sample ID: S-10                   |              |           |          |     |                | Lab Sample ID: 500-      | 217596-10            |
| No Detections.                           |              |           |          |     |                |                          |                      |
| Client Sample ID: S-11                   |              |           |          |     |                | Lab Sample ID: 500-      | 217596-11            |
| No Detections.                           |              |           |          |     |                |                          |                      |
| Client Sample ID: S-12                   |              |           |          |     |                | Lab Sample ID: 500-      | 217596-12            |
| Analyte                                  |              | Qualifier | LOQ      |     | Unit           | Dil Fac D Method         | Prep Type            |
| Ethylbenzene                             | 1100         |           | 15       | 11  | ug/Kg          | 50 🌣 8260B               | Total/NA             |
| Toluene                                  |              | JB        | 15       | 8.7 | ug/Kg          | 50 🌣 8260B               | Total/NA             |
| 1,2,4-Trimethylbenzene                   | 9400         |           | 59       | 21  | ug/Kg          | 50 ☆ 8260B               | Total/NA             |
| 1,3,5-Trimethylbenzene<br>Xylenes, Total | 3100<br>3100 |           | 59<br>30 |     | ug/Kg<br>ug/Kg | 50 ☆ 8260B<br>50 ☆ 8260B | Total/NA<br>Total/NA |
|  | 3100         |           |          |     | ug/Ng          |                          |                      |
| Client Sample ID: Trip Blank             |              |           |          |     |                | Lab Sample ID: 500-      | ∠ 1 <i>1</i> 596-13  |
| Analyte                                  |              | Qualifier | LOQ      |     | Unit           | Dil Fac D Method         | Prep Type            |
| 1,2,4-Trimethylbenzene                   | 32           | J         | 50       | 18  | ug/Kg          | 50 8260B                 | Total/NA             |

This Detection Summary does not include radiochemical test results.

## **Method Summary**

Client: Cedar Corporation Project/Site: Richfield Tank Pull Job ID: 500-217596-1

| Method   | Method Description                 | Protocol | Laboratory |
|----------|------------------------------------|----------|------------|
| 8260B    | Volatile Organic Compounds (GC/MS) | SW846    | TAL CHI    |
| Moisture | Percent Moisture                   | EPA      | TAL CHI    |
| 5035     | Closed System Purge and Trap       | SW846    | TAL 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:**

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

## **Sample Summary**

Client: Cedar Corporation

Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 500-217596-1  | S-1              | Solid  | 06/03/22 12:40 | 06/04/22 09:15 |
| 500-217596-2  | S-2              | Solid  | 06/03/22 12:45 | 06/04/22 09:15 |
| 500-217596-3  | S-3              | Solid  | 06/03/22 12:50 | 06/04/22 09:15 |
| 500-217596-4  | S-4              | Solid  | 06/03/22 12:55 | 06/04/22 09:15 |
| 500-217596-5  | S-5              | Solid  | 06/03/22 13:00 | 06/04/22 09:15 |
| 500-217596-6  | S-6              | Solid  | 06/03/22 13:03 | 06/04/22 09:15 |
| 500-217596-7  | S-7              | Solid  | 06/03/22 13:06 | 06/04/22 09:15 |
| 500-217596-8  | S-8              | Solid  | 06/03/22 13:10 | 06/04/22 09:15 |
| 500-217596-9  | S-9              | Solid  | 06/03/22 13:15 | 06/04/22 09:15 |
| 500-217596-10 | S-10             | Solid  | 06/03/22 13:20 | 06/04/22 09:15 |
| 500-217596-11 | S-11             | Solid  | 06/03/22 13:25 | 06/04/22 09:15 |
| 500-217596-12 | S-12             | Solid  | 06/03/22 13:30 | 06/04/22 09:15 |
| 500-217596-13 | Trip Blank       | Solid  | 06/03/22 10:00 | 06/04/22 09:15 |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Lab Sample ID: 500-217596-1 **Client Sample ID: S-1** 

Date Collected: 06/03/22 12:40 **Matrix: Solid** Date Received: 06/04/22 09:15 Percent Solids: 92.7

| Analyte                      | Result    | Qualifier | LOQ      | DL | Unit  | D            | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----|-------|--------------|----------------|----------------|---------|
| Benzene                      | <17       |           | 29       | 17 | ug/Kg | <del>-</del> | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Ethylbenzene                 | 670       |           | 29       | 21 | ug/Kg | ₽            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Methyl tert-butyl ether      | <45       |           | 110      | 45 | ug/Kg | ₽            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Naphthalene                  | <38       |           | 110      | 38 | ug/Kg | ₩            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Toluene                      | <17       |           | 29       | 17 | ug/Kg | ₽            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| 1,2,4-Trimethylbenzene       | 5700      |           | 110      | 41 | ug/Kg | ☼            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| 1,3,5-Trimethylbenzene       | 2500      |           | 110      | 44 | ug/Kg | ₽            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Xylenes, Total               | 3300      |           | 57       | 25 | ug/Kg | ₩            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Surrogate                    | %Recovery | Qualifier | Limits   |    |       |              | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 72 - 124 |    |       |              | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Dibromofluoromethane (Surr)  | 89        |           | 75 - 120 |    |       |              | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| 1,2-Dichloroethane-d4 (Surr) | 85        |           | 75 - 126 |    |       |              | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Toluene-d8 (Surr)            | 96        |           | 75 - 120 |    |       |              | 06/03/22 12:40 | 06/16/22 12:08 | 100     |

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-2 Lab Sample ID: 500-217596-2

Date Collected: 06/03/22 12:45

Date Received: 06/04/22 09:15

Matrix: Solid
Percent Solids: 92.2

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D            | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|--------------|----------------|----------------|---------|
| Benzene                      | <8.5      |           | 15       | 8.5 | ug/Kg | <del>-</del> | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ☼            | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Methyl tert-butyl ether      | <23       |           | 58       | 23  | ug/Kg | ☼            | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Naphthalene                  | <19       |           | 58       | 19  | ug/Kg | ₩            | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Toluene                      | <8.5      |           | 15       | 8.5 | ug/Kg | ₩            | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 58       | 21  | ug/Kg | ₽            | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 58       | 22  | ug/Kg | ₽            | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Xylenes, Total               | <13       |           | 29       | 13  | ug/Kg | ₩            | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |              | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 124 |     |       |              | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Dibromofluoromethane (Surr)  | 89        |           | 75 - 120 |     |       |              | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 84        |           | 75 - 126 |     |       |              | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Toluene-d8 (Surr)            | 95        |           | 75 - 120 |     |       |              | 06/03/22 12:45 | 06/16/22 12:33 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-3 Lab Sample ID: 500-217596-3

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene                      | <8.6      |           | 15       | 8.6 | ug/Kg | ☆ | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ☆ | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Methyl tert-butyl ether      | <23       |           | 59       | 23  | ug/Kg | ☆ | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Naphthalene                  | <20       |           | 59       | 20  | ug/Kg | ≎ | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Toluene                      | <8.6      |           | 15       | 8.6 | ug/Kg | ☆ | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 59       | 21  | ug/Kg | ₩ | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 59       | 22  | ug/Kg | ₽ | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Xylenes, Total               | <13       |           | 29       | 13  | ug/Kg | ₩ | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 124 |     |       |   | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Dibromofluoromethane (Surr)  | 87        |           | 75 - 120 |     |       |   | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 84        |           | 75 - 126 |     |       |   | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Toluene-d8 (Surr)            | 98        |           | 75 - 120 |     |       |   | 06/03/22 12:50 | 06/16/22 12:59 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-4 Lab Sample ID: 500-217596-4

Date Collected: 06/03/22 12:55

Date Received: 06/04/22 09:15

Matrix: Solid
Percent Solids: 91.9

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Benzene                      | <8.6      |           | 15       | 8.6 | ug/Kg | <u></u> | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ≎       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Methyl tert-butyl ether      | <23       |           | 59       | 23  | ug/Kg | ☼       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Naphthalene                  | <20       |           | 59       | 20  | ug/Kg | ₽       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Toluene                      | <8.6      |           | 15       | 8.6 | ug/Kg | ☼       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 59       | 21  | ug/Kg | ≎       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 59       | 22  | ug/Kg | ₽       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Xylenes, Total               | <13       |           | 29       | 13  | ug/Kg | ☼       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 124 |     |       |         | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Dibromofluoromethane (Surr)  | 86        |           | 75 - 120 |     |       |         | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 85        |           | 75 - 126 |     |       |         | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Toluene-d8 (Surr)            | 96        |           | 75 - 120 |     |       |         | 06/03/22 12:55 | 06/16/22 13:25 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-5

Lab Sample ID: 500-217596-5

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Benzene                      | <8.6      |           | 15       | 8.6 | ug/Kg | <u></u> | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ☼       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Methyl tert-butyl ether      | <23       |           | 59       | 23  | ug/Kg | ₩       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Naphthalene                  | <20       |           | 59       | 20  | ug/Kg | ⊅       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Toluene                      | <8.7      |           | 15       | 8.7 | ug/Kg | ₽       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 59       | 21  | ug/Kg | ₽       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 59       | 22  | ug/Kg | ⊅       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Xylenes, Total               | <13       |           | 30       | 13  | ug/Kg | ☼       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 72 - 124 |     |       |         | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Dibromofluoromethane (Surr)  | 87        |           | 75 - 120 |     |       |         | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 85        |           | 75 - 126 |     |       |         | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Toluene-d8 (Surr)            | 96        |           | 75 - 120 |     |       |         | 06/03/22 13:00 | 06/16/22 13:51 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-6 Lab Sample ID: 500-217596-6

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Benzene                      | <8.4      |           | 14       | 8.4 | ug/Kg | <u></u> | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Ethylbenzene                 | <11       |           | 14       | 11  | ug/Kg | ☼       | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Methyl tert-butyl ether      | <23       |           | 58       | 23  | ug/Kg | ₩       | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Naphthalene                  | <19       |           | 58       | 19  | ug/Kg | ⊅       | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Toluene                      | <8.5      |           | 14       | 8.5 | ug/Kg | ₽       | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 58       | 21  | ug/Kg | ≎       | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 58       | 22  | ug/Kg | ⊅       | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Xylenes, Total               | <13       |           | 29       | 13  | ug/Kg | ☼       | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 72 - 124 |     |       |         | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Dibromofluoromethane (Surr)  | 85        |           | 75 - 120 |     |       |         | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 83        |           | 75 - 126 |     |       |         | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Toluene-d8 (Surr)            | 97        |           | 75 - 120 |     |       |         | 06/03/22 13:03 | 06/16/22 14:17 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Date Received: 06/04/22 09:15

Lab Sample ID: 500-217596-7 **Client Sample ID: S-7** Date Collected: 06/03/22 13:06

**Matrix: Solid** 

Percent Solids: 91.4

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D            | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|--------------|----------------|----------------|---------|
| Benzene                      | <8.6      |           | 15       | 8.6 | ug/Kg | <del>-</del> | 06/03/22 13:06 | 06/16/22 14:42 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ₽            | 06/03/22 13:06 | 06/16/22 14:42 | 50      |
| Methyl tert-butyl ether      | <23       |           | 59       | 23  | ug/Kg | ₽            | 06/03/22 13:06 | 06/16/22 14:42 | 50      |
| Naphthalene                  | <20       |           | 59       | 20  | ug/Kg | ₩            | 06/03/22 13:06 | 06/16/22 14:42 | 50      |
| Toluene                      | <8.6      |           | 15       | 8.6 | ug/Kg | ☼            | 06/03/22 13:06 | 06/16/22 14:42 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 59       | 21  | ug/Kg | ₽            | 06/03/22 13:06 | 06/16/22 14:42 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 59       | 22  | ug/Kg | ₩            | 06/03/22 13:06 | 06/16/22 14:42 | 50      |
| Xylenes, Total               | <13       |           | 29       | 13  | ug/Kg | ₩            | 06/03/22 13:06 | 06/16/22 14:42 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |              | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 72 - 124 |     |       |              | 06/03/22 13:06 | 06/16/22 14:42 | 50      |
| Dibromofluoromethane (Surr)  | 87        |           | 75 - 120 |     |       |              | 06/03/22 13:06 | 06/16/22 14:42 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 84        |           | 75 - 126 |     |       |              | 06/03/22 13:06 | 06/16/22 14:42 | 50      |
| Toluene-d8 (Surr)            | 97        |           | 75 - 120 |     |       |              | 06/03/22 13:06 | 06/16/22 14:42 | 50      |

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Lab Sample ID: 500-217596-8 Client Sample ID: S-8

Date Collected: 06/03/22 13:10 **Matrix: Solid** Date Received: 06/04/22 09:15 Percent Solids: 92.8

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Benzene                      | <8.5      |           | 14       | 8.5 | ug/Kg | <u></u> | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Ethylbenzene                 | <11       |           | 14       | 11  | ug/Kg | ₩       | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Methyl tert-butyl ether      | <23       |           | 58       | 23  | ug/Kg | ₩       | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Naphthalene                  | <19       |           | 58       | 19  | ug/Kg | ₩       | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Toluene                      | <8.5      |           | 14       | 8.5 | ug/Kg | ₩       | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 58       | 21  | ug/Kg | ☼       | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 58       | 22  | ug/Kg | ₩       | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Xylenes, Total               | <13       |           | 29       | 13  | ug/Kg | ₩       | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 124 |     |       |         | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Dibromofluoromethane (Surr)  | 89        |           | 75 - 120 |     |       |         | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 86        |           | 75 - 126 |     |       |         | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Toluene-d8 (Surr)            | 98        |           | 75 - 120 |     |       |         | 06/03/22 13:10 | 06/16/22 15:08 | 50      |

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-9 Lab Sample ID: 500-217596-9

Date Collected: 06/03/22 13:15

Date Received: 06/04/22 09:15

Matrix: Solid
Percent Solids: 90.1

| Method: 8260B - Volatile O   | rganic Compo | u <mark>nds (GC</mark> /l | MS)      |     |       |         |                |                |         |
|------------------------------|--------------|---------------------------|----------|-----|-------|---------|----------------|----------------|---------|
| Analyte                      | Result       | Qualifier                 | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
| Benzene                      | <8.9         |                           | 15       | 8.9 | ug/Kg | <u></u> | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Ethylbenzene                 | <11          |                           | 15       | 11  | ug/Kg | ₩       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Methyl tert-butyl ether      | <24          |                           | 61       | 24  | ug/Kg | ☼       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Naphthalene                  | <20          |                           | 61       | 20  | ug/Kg | ₽       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Toluene                      | <8.9         |                           | 15       | 8.9 | ug/Kg | ≎       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| 1,2,4-Trimethylbenzene       | <22          |                           | 61       | 22  | ug/Kg | ☼       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| 1,3,5-Trimethylbenzene       | <23          |                           | 61       | 23  | ug/Kg | ≎       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Xylenes, Total               | <13          |                           | 30       | 13  | ug/Kg | ☆       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Surrogate                    | %Recovery    | Qualifier                 | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 98           |                           | 72 - 124 |     |       |         | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Dibromofluoromethane (Surr)  | 86           |                           | 75 - 120 |     |       |         | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 83           |                           | 75 - 126 |     |       |         | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Toluene-d8 (Surr)            | 96           |                           | 75 - 120 |     |       |         | 06/03/22 13:15 | 06/16/22 15:33 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-10 Lab Sample ID: 500-217596-10

Date Collected: 06/03/22 13:20

Matrix: Solid
Date Received: 06/04/22 09:15

Matrix: Solid
Percent Solids: 91.7

| Method: 8260B - Volatile O   | rganic Compo | unds (GC/ | MS)      |     |       |         |                |                |         |
|------------------------------|--------------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Analyte                      |              | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
| Benzene                      | <8.7         |           | 15       | 8.7 | ug/Kg | <u></u> | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Ethylbenzene                 | <11          |           | 15       | 11  | ug/Kg | ₽       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Methyl tert-butyl ether      | <24          |           | 60       | 24  | ug/Kg | ₽       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Naphthalene                  | <20          |           | 60       | 20  | ug/Kg | ≎       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Toluene                      | <8.8         |           | 15       | 8.8 | ug/Kg | ₽       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| 1,2,4-Trimethylbenzene       | <21          |           | 60       | 21  | ug/Kg | ☼       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| 1,3,5-Trimethylbenzene       | <23          |           | 60       | 23  | ug/Kg | ≎       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Xylenes, Total               | <13          |           | 30       | 13  | ug/Kg | ≎       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Surrogate                    | %Recovery    | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 97           |           | 72 - 124 |     |       |         | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Dibromofluoromethane (Surr)  | 84           |           | 75 - 120 |     |       |         | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 84           |           | 75 - 126 |     |       |         | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Toluene-d8 (Surr)            | 99           |           | 75 - 120 |     |       |         | 06/03/22 13:20 | 06/16/22 15:58 | 50      |

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-11 Lab Sample ID: 500-217596-11

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Benzene                      | <8.8      |           | 15       | 8.8 | ug/Kg | <u></u> | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ≎       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Methyl tert-butyl ether      | <24       |           | 60       | 24  | ug/Kg | ≎       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Naphthalene                  | <20       |           | 60       | 20  | ug/Kg | ≎       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Toluene                      | <8.9      |           | 15       | 8.9 | ug/Kg | ≎       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| 1,2,4-Trimethylbenzene       | <22       |           | 60       | 22  | ug/Kg | ≎       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| 1,3,5-Trimethylbenzene       | <23       |           | 60       | 23  | ug/Kg | ≎       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Xylenes, Total               | <13       |           | 30       | 13  | ug/Kg | ☆       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 72 - 124 |     |       |         | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Dibromofluoromethane (Surr)  | 89        |           | 75 - 120 |     |       |         | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 87        |           | 75 - 126 |     |       |         | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Toluene-d8 (Surr)            | 96        |           | 75 - 120 |     |       |         | 06/03/22 13:25 | 06/16/22 16:23 | 50      |

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-12 Lab Sample ID: 500-217596-12

Date Collected: 06/03/22 13:30 Matrix: Solid
Date Received: 06/04/22 09:15 Percent Solids: 91.7

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Benzene                      | <8.6      |           | 15       | 8.6 | ug/Kg | <u></u> | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Ethylbenzene                 | 1100      |           | 15       | 11  | ug/Kg | ☆       | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Methyl tert-butyl ether      | <23       |           | 59       | 23  | ug/Kg | ☆       | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Naphthalene                  | <20       |           | 59       | 20  | ug/Kg | ₩       | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Toluene                      | 12        | JB        | 15       | 8.7 | ug/Kg | ☆       | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| 1,2,4-Trimethylbenzene       | 9400      |           | 59       | 21  | ug/Kg | ≎       | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| 1,3,5-Trimethylbenzene       | 3100      |           | 59       | 23  | ug/Kg | ☆       | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Xylenes, Total               | 3100      |           | 30       | 13  | ug/Kg | ₩       | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 101       |           | 72 - 124 |     |       |         | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Dibromofluoromethane (Surr)  | 88        |           | 75 - 120 |     |       |         | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 86        |           | 75 - 126 |     |       |         | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Toluene-d8 (Surr)            | 99        |           | 75 - 120 |     |       |         | 06/03/22 13:30 | 06/16/22 16:50 | 50      |

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Client: Cedar Corporation

Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

**Client Sample ID: Trip Blank** 

Lab Sample ID: 500-217596-13

Matrix: Solid

Date Collected: 06/03/22 10:00 Date Received: 06/04/22 09:15

| Method: 8260B - Volatile O   | rganic Compo | unds (GC/ | MS)      |     |       |   |                |                |         |
|------------------------------|--------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Analyte                      | Result       | Qualifier | LOQ      | DL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
| Benzene                      | <7.3         |           | 13       | 7.3 | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Ethylbenzene                 | <9.2         |           | 13       | 9.2 | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Methyl tert-butyl ether      | <20          |           | 50       | 20  | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Naphthalene                  | <17          |           | 50       | 17  | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Toluene                      | <7.4         |           | 13       | 7.4 | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| 1,2,4-Trimethylbenzene       | 32           | J         | 50       | 18  | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| 1,3,5-Trimethylbenzene       | <19          |           | 50       | 19  | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Xylenes, Total               | <11          |           | 25       | 11  | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Surrogate                    | %Recovery    | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 97           |           | 72 - 124 |     |       |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Dibromofluoromethane (Surr)  | 86           |           | 75 - 120 |     |       |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 85           |           | 75 - 126 |     |       |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Toluene-d8 (Surr)            | 96           |           | 75 - 120 |     |       |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |

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#### **Definitions/Glossary**

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

#### **Qualifiers**

#### **GC/MS VOA**

Qualifier Qualifier Description

B Compound was found in the blank and sample.

J Reported value was between the limit of detection and the limit of quantitation.

#### **Glossary**

Abbreviation These commonly used abbreviations may or may not be present in this report.

Example 2 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)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

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Client: Cedar Corporation Job ID: 500-217596-1 Project/Site: Richfield Tank Pull

**GC/MS VOA** 

**Prep Batch: 661137** 

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-217596-1        | S-1                | Total/NA  | Solid  | 5035   |            |
| 500-217596-2        | S-2                | Total/NA  | Solid  | 5035   |            |
| 500-217596-3        | S-3                | Total/NA  | Solid  | 5035   |            |
| 500-217596-4        | S-4                | Total/NA  | Solid  | 5035   |            |
| 500-217596-5        | S-5                | Total/NA  | Solid  | 5035   |            |
| 500-217596-6        | S-6                | Total/NA  | Solid  | 5035   |            |
| 500-217596-7        | S-7                | Total/NA  | Solid  | 5035   |            |
| 500-217596-8        | S-8                | Total/NA  | Solid  | 5035   |            |
| 500-217596-9        | S-9                | Total/NA  | Solid  | 5035   |            |
| 500-217596-10       | S-10               | Total/NA  | Solid  | 5035   |            |
| 500-217596-11       | S-11               | Total/NA  | Solid  | 5035   |            |
| 500-217596-12       | S-12               | Total/NA  | Solid  | 5035   |            |
| 500-217596-13       | Trip Blank         | Total/NA  | Solid  | 5035   |            |
| LB3 500-661137/21-A | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 500-661137/22-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |
| 500-217596-2 MS     | S-2                | Total/NA  | Solid  | 5035   |            |
| 500-217596-2 MSD    | S-2                | Total/NA  | Solid  | 5035   |            |

**Analysis Batch: 661273** 

| Lab Sample ID<br>LB3 500-661137/21-A | Client Sample ID  Method Blank | Prep Type  Total/NA | Matrix Solid | Method<br>8260B | Prep Batch 661137 |
|--------------------------------------|--------------------------------|---------------------|--------------|-----------------|-------------------|
| MB 500-661273/6                      | Method Blank                   | Total/NA            | Solid        | 8260B           |                   |
| LCS 500-661137/22-A                  | Lab Control Sample             | Total/NA            | Solid        | 8260B           | 661137            |
| LCS 500-661273/4                     | Lab Control Sample             | Total/NA            | Solid        | 8260B           |                   |

**Analysis Batch: 661438** 

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 500-217596-1     | S-1                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-2     | S-2                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-3     | S-3                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-4     | S-4                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-5     | S-5                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-6     | S-6                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-7     | S-7                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-8     | S-8                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-9     | S-9                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-10    | S-10               | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-11    | S-11               | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-12    | S-12               | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-13    | Trip Blank         | Total/NA  | Solid  | 8260B  | 661137     |
| MB 500-661438/6  | Method Blank       | Total/NA  | Solid  | 8260B  |            |
| LCS 500-661438/4 | Lab Control Sample | Total/NA  | Solid  | 8260B  |            |
| 500-217596-2 MS  | S-2                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-2 MSD | S-2                | Total/NA  | Solid  | 8260B  | 661137     |

**General Chemistry** 

Analysis Batch: 659958

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 500-217596-1  | S-1              | Total/NA  | Solid  | Moisture |            |
| 500-217596-2  | S-2              | Total/NA  | Solid  | Moisture |            |

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**Eurofins Chicago** 

## **QC Association Summary**

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

## **General Chemistry (Continued)**

#### **Analysis Batch: 659958 (Continued)**

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 500-217596-3  | S-3              | Total/NA  | Solid  | Moisture |            |
| 500-217596-4  | S-4              | Total/NA  | Solid  | Moisture |            |
| 500-217596-5  | S-5              | Total/NA  | Solid  | Moisture |            |
| 500-217596-6  | S-6              | Total/NA  | Solid  | Moisture |            |
| 500-217596-7  | S-7              | Total/NA  | Solid  | Moisture |            |
| 500-217596-8  | S-8              | Total/NA  | Solid  | Moisture |            |
| 500-217596-9  | S-9              | Total/NA  | Solid  | Moisture |            |
| 500-217596-10 | S-10             | Total/NA  | Solid  | Moisture |            |
| 500-217596-11 | S-11             | Total/NA  | Solid  | Moisture |            |
| 500-217596-12 | S-12             | Total/NA  | Solid  | Moisture |            |

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#### **Surrogate Summary**

Client: Cedar Corporation Job ID: 500-217596-1 Project/Site: Richfield Tank Pull

Method: 8260B - Volatile Organic Compounds (GC/MS)

**Matrix: Solid Prep Type: Total/NA** 

|                     |                    |          | Pe       | ercent Surro | ogate Reco |
|---------------------|--------------------|----------|----------|--------------|------------|
|                     |                    | BFB      | DBFM     | DCA          | TOL        |
| Lab Sample ID       | Client Sample ID   | (72-124) | (75-120) | (75-126)     | (75-120)   |
| 500-217596-1        | S-1                | 95       | 89       | 85           | 96         |
| 500-217596-2        | S-2                | 96       | 89       | 84           | 95         |
| 500-217596-2 MS     | S-2                | 96       | 90       | 83           | 99         |
| 500-217596-2 MSD    | S-2                | 96       | 88       | 82           | 99         |
| 500-217596-3        | S-3                | 96       | 87       | 84           | 98         |
| 500-217596-4        | S-4                | 96       | 86       | 85           | 96         |
| 500-217596-5        | S-5                | 98       | 87       | 85           | 96         |
| 500-217596-6        | S-6                | 97       | 85       | 83           | 97         |
| 500-217596-7        | S-7                | 98       | 87       | 84           | 97         |
| 500-217596-8        | S-8                | 96       | 89       | 86           | 98         |
| 500-217596-9        | S-9                | 98       | 86       | 83           | 96         |
| 500-217596-10       | S-10               | 97       | 84       | 84           | 99         |
| 500-217596-11       | S-11               | 100      | 89       | 87           | 96         |
| 500-217596-12       | S-12               | 101      | 88       | 86           | 99         |
| 500-217596-13       | Trip Blank         | 97       | 86       | 85           | 96         |
| LB3 500-661137/21-A | Method Blank       | 108      | 102      | 107          | 97         |
| LCS 500-661137/22-A | Lab Control Sample | 103      | 108      | 110          | 98         |
| LCS 500-661273/4    | Lab Control Sample | 109      | 105      | 110          | 111        |
| LCS 500-661438/4    | Lab Control Sample | 90       | 91       | 81           | 98         |
| MB 500-661273/6     | Method Blank       | 112      | 106      | 107          | 98         |
| MB 500-661438/6     | Method Blank       | 97       | 86       | 84           | 98         |

#### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

Client: Cedar Corporation Job ID: 500-217596-1 Project/Site: Richfield Tank Pull

#### Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-661137/21-A

**Matrix: Solid** 

**Analysis Batch: 661273** 

**Client Sample ID: Method Blank** 

**Prep Type: Total/NA** 

**Prep Batch: 661137** 

| •                       | LB3    | LB3       |     |     |       |   |                | •              |         |
|-------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Analyte                 | Result | Qualifier | LOQ | DL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
| Benzene                 | <7.3   |           | 13  | 7.3 | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| Ethylbenzene            | <9.2   |           | 13  | 9.2 | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| Methyl tert-butyl ether | <20    |           | 50  | 20  | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| Naphthalene             | <17    |           | 50  | 17  | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| Toluene                 | 9.92   | J         | 13  | 7.4 | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| 1,2,4-Trimethylbenzene  | <18    |           | 50  | 18  | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| 1,3,5-Trimethylbenzene  | <19    |           | 50  | 19  | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| Xylenes, Total          | <11    |           | 25  | 11  | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |

LB3 LB3

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 108       |           | 72 - 124 | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| Dibromofluoromethane (Surr)  | 102       |           | 75 - 120 | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 107       |           | 75 - 126 | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| Toluene-d8 (Surr)            | 97        |           | 75 - 120 | 06/14/22 11:30 | 06/15/22 15:59 | 50      |

Lab Sample ID: LCS 500-661137/22-A

**Matrix: Solid** 

**Analysis Batch: 661273** 

**Client Sample ID: Lab Control Sample** 

**Prep Type: Total/NA** 

**Prep Batch: 661137** 

LCS LCS %Rec Spike Limits **Analyte** Added Result Qualifier Unit D %Rec Benzene 2500 2570 ug/Kg 103 70 - 120 2500 2540 101 Ethylbenzene ug/Kg 70 - 123 Methyl tert-butyl ether 2500 2870 ug/Kg 115 55 - 123 Naphthalene 2500 3400 136 ug/Kg 53 - 144 Toluene 2500 2440 ug/Kg 98 70 - 125 1,2,4-Trimethylbenzene 2500 2590 ug/Kg 103 70 - 123 1,3,5-Trimethylbenzene 2500 70 - 123 2650 ug/Kg 106 Xylenes, Total 5000 5000 ug/Kg 100 70 - 125

LCS LCS

| Surrogate                    | %Recovery | Qualifier | Limits   |
|------------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr)  | 103       |           | 72 - 124 |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 75 - 126 |
| Toluene-d8 (Surr)            | 98        |           | 75 - 120 |

Lab Sample ID: 500-217596-2 MS

**Matrix: Solid** 

**Analysis Batch: 661438** 

Client Sample ID: S-2 **Prep Type: Total/NA** Prep Batch: 661137

| _                       | Sample | Sample    | Spike | MS     | MS        |       |   |      | %Rec     |  |
|-------------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|--|
| Analyte                 | Result | Qualifier | Added | Result | Qualifier | Unit  | D | %Rec | Limits   |  |
| Benzene                 | <8.5   |           | 2900  | 2680   |           | ug/Kg | ☆ | 92   | 70 - 120 |  |
| Ethylbenzene            | <11    |           | 2900  | 2940   |           | ug/Kg | ☼ | 101  | 70 - 123 |  |
| Methyl tert-butyl ether | <23    |           | 2900  | 2310   |           | ug/Kg | ☼ | 80   | 55 - 123 |  |
| Naphthalene             | <19    |           | 2900  | 2370   |           | ug/Kg | ≎ | 82   | 53 - 144 |  |
| Toluene                 | <8.5   |           | 2900  | 2790   |           | ug/Kg | ☼ | 96   | 70 - 125 |  |
| 1,2,4-Trimethylbenzene  | <21    |           | 2900  | 2930   |           | ug/Kg | ☼ | 101  | 70 - 123 |  |
| 1,3,5-Trimethylbenzene  | <22    |           | 2900  | 3060   |           | ug/Kg | ₩ | 105  | 70 - 123 |  |
| Xylenes, Total          | <13    |           | 5800  | 5690   |           | ug/Kg | ₩ | 98   | 70 - 125 |  |

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Client: Cedar Corporation Job ID: 500-217596-1 Project/Site: Richfield Tank Pull

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

|                              | MS        | MS        |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 124 |
| Dibromofluoromethane (Surr)  | 90        |           | 75 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 83        |           | 75 - 126 |
| Toluene-d8 (Surr)            | 99        |           | 75 - 120 |

Lab Sample ID: 500-217596-2 MSD

**Matrix: Solid** 

**Analysis Batch: 661438** 

Client Sample ID: S-2 **Prep Type: Total/NA Prep Batch: 661137** 

|                         | Sample | Sample    | Spike | MSD    | MSD       |       |              |      | %Rec     |     | RPD   |
|-------------------------|--------|-----------|-------|--------|-----------|-------|--------------|------|----------|-----|-------|
| Analyte                 | Result | Qualifier | Added | Result | Qualifier | Unit  | D            | %Rec | Limits   | RPD | Limit |
| Benzene                 | <8.5   |           | 2900  | 2450   |           | ug/Kg | <del> </del> | 85   | 70 - 120 | 9   | 30    |
| Ethylbenzene            | <11    |           | 2900  | 2720   |           | ug/Kg | ☼            | 94   | 70 - 123 | 8   | 30    |
| Methyl tert-butyl ether | <23    |           | 2900  | 2120   |           | ug/Kg | ☼            | 73   | 55 - 123 | 9   | 30    |
| Naphthalene             | <19    |           | 2900  | 2630   |           | ug/Kg | ₽            | 91   | 53 - 144 | 10  | 30    |
| Toluene                 | <8.5   |           | 2900  | 2640   |           | ug/Kg | ☼            | 91   | 70 - 125 | 6   | 30    |
| 1,2,4-Trimethylbenzene  | <21    |           | 2900  | 2720   |           | ug/Kg | ☼            | 94   | 70 - 123 | 7   | 30    |
| 1,3,5-Trimethylbenzene  | <22    |           | 2900  | 2830   |           | ug/Kg | ☼            | 98   | 70 - 123 | 8   | 30    |
| Xylenes, Total          | <13    |           | 5800  | 5250   |           | ug/Kg | ☼            | 90   | 70 - 125 | 8   | 30    |
|                         |        |           |       |        |           |       |              |      |          |     |       |

|                              | MSD       | MSD       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 124 |
| Dibromofluoromethane (Surr)  | 88        |           | 75 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 82        |           | 75 - 126 |
| Toluene-d8 (Surr)            | 99        |           | 75 - 120 |

Lab Sample ID: MB 500-661273/6

**Matrix: Solid** 

**Analysis Batch: 661273** 

**Client Sample ID: Method Blank** 

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

|                         | IVID IV  | VID       |      |      |       |   |          |                |         |
|-------------------------|----------|-----------|------|------|-------|---|----------|----------------|---------|
| Analyte                 | Result C | Qualifier | LOQ  | DL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
| Benzene                 | <0.15    |           | 0.25 | 0.15 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| Ethylbenzene            | <0.18    |           | 0.25 | 0.18 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| Methyl tert-butyl ether | < 0.39   |           | 1.0  | 0.39 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| Naphthalene             | <0.33    |           | 1.0  | 0.33 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| Toluene                 | <0.15    |           | 0.25 | 0.15 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| 1,2,4-Trimethylbenzene  | < 0.36   |           | 1.0  | 0.36 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| 1,3,5-Trimethylbenzene  | <0.38    |           | 1.0  | 0.38 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| Xylenes, Total          | <0.22    |           | 0.50 | 0.22 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
|                         |          |           |      |      |       |   |          |                |         |

|                              | MB MB               |          |          |                |         |
|------------------------------|---------------------|----------|----------|----------------|---------|
| Surrogate                    | %Recovery Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 112                 | 72 - 124 |          | 06/15/22 12:46 | 1       |
| Dibromofluoromethane (Surr)  | 106                 | 75 - 120 |          | 06/15/22 12:46 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 107                 | 75 - 126 |          | 06/15/22 12:46 | 1       |
| Toluene-d8 (Surr)            | 98                  | 75 - 120 |          | 06/15/22 12:46 | 1       |

Lab Sample ID: LCS 500-661273/4

**Matrix: Solid** 

Analysis Batch: 661273

| Analysis batch: 661273 |          |        |           |       |   |      |          |      |
|------------------------|----------|--------|-----------|-------|---|------|----------|------|
|                        | Spike    | LCS    | LCS       |       |   |      | %Rec     |      |
| Analyte                | Added    | Result | Qualifier | Unit  | D | %Rec | Limits   |      |
| Benzene                | <br>50.0 | 46.9   |           | ug/Kg |   | 94   | 70 - 120 | <br> |

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Prep Type: Total/NA

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#### **QC Sample Results**

Client: Cedar Corporation Job ID: 500-217596-1 Project/Site: Richfield Tank Pull

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-661273/4

**Matrix: Solid** 

**Analysis Batch: 661273** 

**Client Sample ID: Lab Control Sample** 

**Prep Type: Total/NA** 

|                         | Spike | LCS    | LCS       |       |   |      | %Rec     |  |
|-------------------------|-------|--------|-----------|-------|---|------|----------|--|
| Analyte                 | Added | Result | Qualifier | Unit  | D | %Rec | Limits   |  |
| Ethylbenzene            | 50.0  | 49.6   |           | ug/Kg |   | 99   | 70 - 123 |  |
| Methyl tert-butyl ether | 50.0  | 45.4   |           | ug/Kg |   | 91   | 55 - 123 |  |
| Naphthalene             | 50.0  | 61.1   |           | ug/Kg |   | 122  | 53 - 144 |  |
| Toluene                 | 50.0  | 49.4   |           | ug/Kg |   | 99   | 70 - 125 |  |
| 1,2,4-Trimethylbenzene  | 50.0  | 52.0   |           | ug/Kg |   | 104  | 70 - 123 |  |
| 1,3,5-Trimethylbenzene  | 50.0  | 54.1   |           | ug/Kg |   | 108  | 70 - 123 |  |
| Xylenes, Total          | 100   | 97.3   |           | ug/Kg |   | 97   | 70 - 125 |  |
|                         |       |        |           |       |   |      |          |  |

LCS LCS

| Surrogate                    | %Recovery | Qualifier | Limits   |
|------------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr)  | 109       |           | 72 - 124 |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 75 - 126 |
| Toluene-d8 (Surr)            | 111       |           | 75 - 120 |

Lab Sample ID: MB 500-661438/6

**Matrix: Solid** 

**Analysis Batch: 661438** 

Client Sample ID: Method Blank

Prep Type: Total/NA

MB MB Analyte Result Qualifier LOQ DL Unit Prepared Analyzed Dil Fac 06/16/22 11:41 Benzene <0.15 0.25 0.15 ug/Kg Ethylbenzene 06/16/22 11:41 <0.18 0.25 0.18 ug/Kg Methyl tert-butyl ether < 0.39 1.0 0.39 ug/Kg 06/16/22 11:41 Naphthalene < 0.33 1.0 0.33 ug/Kg 06/16/22 11:41 Toluene < 0.15 0.25 0.15 ug/Kg 06/16/22 11:41 1,2,4-Trimethylbenzene < 0.36 0.36 ug/Kg 06/16/22 11:41 1.0 1,3,5-Trimethylbenzene < 0.38 1.0 0.38 ug/Kg 06/16/22 11:41 Xylenes, Total <0.22 0.50 0.22 ug/Kg 06/16/22 11:41

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|-------------------|---------|
| 4-Bromofluorobenzene (Surr)  | 97        |           | 72 - 124 | 06/16/22 11:41    | 1       |
| Dibromofluoromethane (Surr)  | 86        |           | 75 - 120 | 06/16/22 11:41    | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 84        |           | 75 - 126 | 06/16/22 11:41    | 1       |
| Toluene-d8 (Surr)            | 98        |           | 75 - 120 | 06/16/22 11:41    | 1       |

Lab Sample ID: LCS 500-661438/4

**Matrix: Solid** 

**Analysis Batch: 661438** 

**Client Sample ID: Lab Control Sample** Prep Type: Total/NA

|                         | Spike | LCS    | LCS       |       |   |      | %Rec     |  |
|-------------------------|-------|--------|-----------|-------|---|------|----------|--|
| Analyte                 | Added | Result | Qualifier | Unit  | D | %Rec | Limits   |  |
| Benzene                 | 50.0  | 54.3   |           | ug/Kg |   | 109  | 70 - 120 |  |
| Ethylbenzene            | 50.0  | 60.0   |           | ug/Kg |   | 120  | 70 - 123 |  |
| Methyl tert-butyl ether | 50.0  | 46.0   |           | ug/Kg |   | 92   | 55 - 123 |  |
| Naphthalene             | 50.0  | 48.3   |           | ug/Kg |   | 97   | 53 - 144 |  |
| Toluene                 | 50.0  | 56.1   |           | ug/Kg |   | 112  | 70 - 125 |  |
| 1,2,4-Trimethylbenzene  | 50.0  | 59.1   |           | ug/Kg |   | 118  | 70 - 123 |  |
| 1,3,5-Trimethylbenzene  | 50.0  | 61.4   |           | ug/Kg |   | 123  | 70 - 123 |  |
| Xylenes, Total          | 100   | 117    |           | ug/Kg |   | 117  | 70 - 125 |  |

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## **QC Sample Results**

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-661438/4

Matrix: Solid

**Analysis Batch: 661438** 

| Client San | nple ID: | Lab ( | Contro | l Sampl | le |
|------------|----------|-------|--------|---------|----|
|            |          | Prep  | Type:  | Total/N | A  |

|                              | LUS       | LCS       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr)  | 90        |           | 72 - 124 |
| Dibromofluoromethane (Surr)  | 91        |           | 75 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 81        |           | 75 - 126 |
| Toluene-d8 (Surr)            | 98        |           | 75 - 120 |

6

8

10

46

13

16

Client: Cedar Corporation Project/Site: Richfield Tank Pull

Client Sample ID: S-1 Lab Sample ID: 500-217596-1 Date Collected: 06/03/22 12:40

**Matrix: Solid** 

Date Received: 06/04/22 09:15

| ı |           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|---|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
|   | Prep Type | Туре     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| L | Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Client Sample ID: S-1 Lab Sample ID: 500-217596-1

Date Collected: 06/03/22 12:40 **Matrix: Solid** 

Date Received: 06/04/22 09:15 Percent Solids: 92.7

|           | Batch    | Batch  |             | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-------------|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run         | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   | <del></del> |          | 661137 | 06/03/22 12:40 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |             | 100      | 661438 | 06/16/22 12:08 | W1T     | TAL CHI |

Lab Sample ID: 500-217596-2 Client Sample ID: S-2

Date Collected: 06/03/22 12:45 **Matrix: Solid** 

Date Received: 06/04/22 09:15

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Lab Sample ID: 500-217596-2 Client Sample ID: S-2

Date Collected: 06/03/22 12:45 **Matrix: Solid** 

Date Received: 06/04/22 09:15 Percent Solids: 92.2

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 12:45 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 12:33 | W1T     | TAL CHI |

Client Sample ID: S-3 Lab Sample ID: 500-217596-3

Date Collected: 06/03/22 12:50 **Matrix: Solid** 

Date Received: 06/04/22 09:15

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Туре     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Client Sample ID: S-3 Lab Sample ID: 500-217596-3

Date Collected: 06/03/22 12:50 Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 91.9

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Туре     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 12:50 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 12:59 | W1T     | TAL CHI |

Client Sample ID: S-4 Lab Sample ID: 500-217596-4

Date Collected: 06/03/22 12:55 **Matrix: Solid** 

Date Received: 06/04/22 09:15

| _         |          |          |     |          |        |                |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     |          | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

**Eurofins Chicago** 

Client: Cedar Corporation Project/Site: Richfield Tank Pull

Date Received: 06/04/22 09:15

Client Sample ID: S-4 Lab Sample ID: 500-217596-4 Date Collected: 06/03/22 12:55

Matrix: Solid

Percent Solids: 91.9

Batch Dilution Batch Batch Prepared Method or Analyzed **Prep Type** Type Run **Factor** Number Analyst Lab Total/NA 5035 661137 06/03/22 12:55 WRE TAL CHI Prep 661438 06/16/22 13:25 Total/NA 8260B TAL CHI Analysis 50 W/1T

Lab Sample ID: 500-217596-5 Client Sample ID: S-5

Date Collected: 06/03/22 13:00 Matrix: Solid

Date Received: 06/04/22 09:15

Batch Batch Dilution Batch Prepared Method Number or Analyzed **Prep Type** Type Run **Factor** Analyst Lab TAL CHI Total/NA Analysis Moisture 659958 06/06/22 12:08 LWN

Client Sample ID: S-5 Lab Sample ID: 500-217596-5

Date Collected: 06/03/22 13:00 **Matrix: Solid** 

Date Received: 06/04/22 09:15 Percent Solids: 91.4

Dilution Batch Batch Batch **Prepared** Method Factor Number or Analyzed Analyst Lab **Prep Type** Type Run Total/NA Prep 5035 661137 06/03/22 13:00 WRE TAL CHI Total/NA Analysis 8260B 50 661438 06/16/22 13:51 W1T TAL CHI

Client Sample ID: S-6 Lab Sample ID: 500-217596-6

Date Collected: 06/03/22 13:03 **Matrix: Solid** 

Date Received: 06/04/22 09:15

Dilution Batch Prepared Batch Batch **Prep Type** Type Method Run **Factor** Number or Analyzed Analyst Lab 06/06/22 12:08 LWN TAL CHI Total/NA Analysis Moisture 659958

Client Sample ID: S-6 Lab Sample ID: 500-217596-6

Date Collected: 06/03/22 13:03 Matrix: Solid

Date Received: 06/04/22 09:15 Percent Solids: 92.2

Batch Batch Dilution Batch Prepared or Analyzed **Prep Type** Type Method Run Factor Number Analyst Lab Total/NA Prep 5035 06/03/22 13:03 WRE TAL CHI 661137 Total/NA Analysis 8260B 50 661438 06/16/22 14:17 TAL CHI

Client Sample ID: S-7 Lab Sample ID: 500-217596-7

Date Collected: 06/03/22 13:06 **Matrix: Solid** 

Date Received: 06/04/22 09:15

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     |          | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

**Eurofins Chicago** 

Client: Cedar Corporation Project/Site: Richfield Tank Pull

Lab Sample ID: 500-217596-7

**Matrix: Solid** 

Percent Solids: 91.4

Client Sample ID: S-7

Date Collected: 06/03/22 13:06 Date Received: 06/04/22 09:15

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 13:06 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 14:42 | W1T     | TAL CHI |

Lab Sample ID: 500-217596-8 Client Sample ID: S-8

Date Collected: 06/03/22 13:10 **Matrix: Solid** 

Date Received: 06/04/22 09:15

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Lab Sample ID: 500-217596-8 Client Sample ID: S-8

Date Collected: 06/03/22 13:10

**Matrix: Solid** Date Received: 06/04/22 09:15 Percent Solids: 92.8

Dilution Batch **Batch** Batch Prepared **Prep Type** Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Prep 5035 661137 06/03/22 13:10 WRE TAL CHI Total/NA Analysis 8260B 50 661438 06/16/22 15:08 W1T TAL CHI

Client Sample ID: S-9 Lab Sample ID: 500-217596-9

Date Collected: 06/03/22 13:15

Date Received: 06/04/22 09:15

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Client Sample ID: S-9 Lab Sample ID: 500-217596-9

Date Collected: 06/03/22 13:15

Matrix: Solid Date Received: 06/04/22 09:15 Percent Solids: 90.1

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 13:15 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 15:33 | W1T     | TAL CHI |

Client Sample ID: S-10 Lab Sample ID: 500-217596-10

Date Collected: 06/03/22 13:20 Date Received: 06/04/22 09:15

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Туре     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Δnalveie | Moisture |     |          | 650058 | 06/06/22 12:08 | I W/NI  | TAL CHI |

**Matrix: Solid** 

**Matrix: Solid** 

Client: Cedar Corporation

Project/Site: Richfield Tank Pull

Client Sample ID: S-10

Date Collected: 06/03/22 13:20 Date Received: 06/04/22 09:15

Lab Sample ID: 500-217596-10

**Matrix: Solid** 

Percent Solids: 91.7

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Туре     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 13:20 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 15:58 | W1T     | TAL CHI |

Client Sample ID: S-11 Lab Sample ID: 500-217596-11

Date Collected: 06/03/22 13:25

Date Received: 06/04/22 09:15

Matrix: Solid

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Lab Sample ID: 500-217596-11 Client Sample ID: S-11

Date Collected: 06/03/22 13:25

**Matrix: Solid** 

Date Received: 06/04/22 09:15 Percent Solids: 90.8

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 13:25 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 16:23 | W1T     | TAL CHI |

**Client Sample ID: S-12** Lab Sample ID: 500-217596-12

Date Collected: 06/03/22 13:30

Date Received: 06/04/22 09:15

**Matrix: Solid** 

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |   |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|---|
| Prep Type | Туре     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |   |
| Total/NA  | Analysis | Moisture |     |          | 659958 | 06/06/22 12:08 | I W/N   | TAL CHI | - |

Client Sample ID: S-12 Lab Sample ID: 500-217596-12

Date Collected: 06/03/22 13:30

Matrix: Solid

Date Received: 06/04/22 09:15 Percent Solids: 91.7

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Туре     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 13:30 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 16:50 | W1T     | TAL CHI |

Client Sample ID: Trip Blank Lab Sample ID: 500-217596-13

Date Collected: 06/03/22 10:00

Date Received: 06/04/22 09:15

**Matrix: Solid** 

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 10:00 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 17:17 | W1T     | TAL CHI |

**Laboratory References:** 

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# **Accreditation/Certification Summary**

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

## **Laboratory: Eurofins Chicago**

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | <b>Identification Number</b> | <b>Expiration Date</b> |
|-----------|---------|------------------------------|------------------------|
| Wisconsin | State   | 999580010                    | 08-31-22               |

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University Park IL 60484

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# **Chain of Custody Record**

| Phone 708-534-5200 Fax 708-534-5211               |                  | 40440400000000000000000000000000000000   | MANAGEM TO STATE OF THE STATE O |  | Mark Color Section Color Secti |                  | ************************************** | minima markati mana                    | na de la composição de la | agentus de la composition della composition dell |   |  |  | 4000000000                              |
|---|------------------|--|--|--|--|------------------|--|--|--|--|---|--|--|---|
| Client Information                                | Sampler Qui      | n La   | いて   |  | drick S  | andie            |  | Carri<br>5                             | er Tracking<br>776 C   | 59783  | 36  | COC No:<br>500-101813-4  | 4117 2   |   |
| Cilent Contact:<br>Quin Lenz                      | Phone (920)      | 309-   | 4197   | E-Ma<br>San  |  | drick@et.e       | urofinsus com                          | State                                  | of Origin  | WI   |   | Page:<br>Page 2:012  | 1 of 2   | MAROOCICCORC                            |
| Company:  | 1.433            |  | PWS D  |  | T  |                  | Analysis                               | Paguas                                 | tod  | ***************************************  | CONTRACTOR |  | -217596  | -Annexance                              |
| Cedar Corporation Address.                        | Due Date Request | arin /   |  | CHARLES STATE OF THE STATE OF T |  |                  | Allalysis                              | Neques                                 | leu  | T 7 7  |   | Preservation C   | The second secon | *********                               |
| 1695 Bellevue Street                              | Dac Date Request | Stand  | lard   |  |  |                  |  |  |  |  |   | A HCL  | M Hexane   |   |
| City  | TAT Requested (d |  | l  |  | 11   |                  | 100                                    |  |  |  |   | B NaOH   | N None<br>O AsNaO2   |   |
| Green Bay   | 4                | andhr  | - q  |  |  |                  |  |  | K:s  | 111  | 1   | C Zn Auetate<br>D Nitric Acid  | P Na2O4S   |   |
| State Zip<br>WI 54311                             | Compliance Proje | **********************   |  |  | 11   |                  |  |  | Fi   | $H_{\xi}$  |   | E Nal-SO4  | Q Na2SO3<br>R Na2S2O3  |   |
| Phone   | PC #:            |  | *******************************  | ***************************************  | 11   |                  |  |  | 7.5  | 1  |   | F MeOH<br>G Amchlor  | \$ H2SO4   |   |
| 715-235-9081(Tel)                                 | Purchase Orde    | r not require  | d  |  | 10   |                  |  |  | 13   |  |   | H Ascorbic Acid  | T TSP Dodeca ydi U Acetone   | ate                                     |
| Email   | ` <b>^</b> O#:   |  |  |  | 1513   |                  |  | 5                                      | <sup>00-21758</sup>  | no -   | 1   | I Ice<br>Di Water  | V MCAA   |   |
| quin lenz@cedarcorp com<br>Project Name           | Project#         |  |  | ***************************************  | Jo sey   |                  |  |  | ,  | 6 COC  | containers  | ⊦ EDTA   | W pH 4-5<br>Y ⊤izma  |   |
| RICHFIELD TANK PULL                               | 50006556         |  |  |  |  |                  |  |  |  |  | 3   | L EDA  | Z other (specify)  |   |
| 5 <u>:</u> e                                      | SSOW#            |  |  |  | Field Filtered Sample (<br>Pertorm MS/MSD (Yes   |                  |  |  |  |  | Ö   | Other <sup>,</sup>   |  |   |
|   |                  | <u> </u>   | <b>********</b>  | T  | - gig  | 82608 - PVOC+NAP |  | 177                                    |  |  | Numberof  |  |  | ******                                  |
|   |                  |  | Sample   | Matrix   |  | Š                |  |  |  |  | Ê   |  |  |   |
|   |                  |  | Туре   | (W=water<br>S=solid,   | E  | i i              |  |  |  |  | Ž   |  |  |   |
| Sample Identification                             | Sample Date      | Sample<br>Time   | (C=Comp,<br>G=crah)  | S=50lid,<br>O=wasteloll;<br>ET=Tissue, A=Air)  | ğ  | 560              |  | 100                                    |  |  | Total   | Special  | Instructions/Note  |   |
| Jampie Iderkindaton                               |                  |  |  | tion Code:   | 奴  |                  |  |  |  |  | ΤX  |  |  | -                                       |
|   | 6/3/22           | 1240   | سنستسسستانات   | Solid  | Ħ,   | 7                |  | تسسينا السسنا                          |  | H  |   |  |  | School                                  |
| <u>\$-1</u>                                       | @13/2C           |  | G  | Solid  | +  | Ý                |  |  |  |  | - People  |  |  | *************************************** |
| 8-2   |                  | 1245   | <del>-                                    </del>   | <b></b>  | -  | X                |  | -                                      |  |  | -   |  |  | -                                       |
| S-3   |                  | 1250   |  | Solid  | Ш.   | X   _            |  |  |  |  |   |  |  |   |
| 5-4   |                  | 1255   |  | Solid  |  | M                |  |  |  |  |   |  |  |   |
| S-5   |                  | 1300   |  | Solid  |  | X.               |  |  |  |  |   |  |  |   |
| 5-4   |                  | 1303   |  | Solid  |  | 7                |  |  |  |  |   |  |  | ~~~~                                    |
| S-7   |                  | 1306   |  | Solid  |  | <b>%</b>         |  |  |  |  |   |  |  |   |
| 5-8   |                  | 1310   |  |  |  | メ                |  |  |  |  |   |  |  |   |
| 5-9   |                  | 1315   |  |  |  | 7                |  |  |  |  |   |  |  | *************************************** |
| S-10  |                  | 1320   |  |  | П  | 7                |  |  |  |  |   |  |  |   |
| 8-11  |                  | 1325   |  |  | Ħ  | 7-               |  |  |  |  |   |  |  |   |
| Possible Hazard Identification                    | <del></del>      | L  |  | l  | Sai  | mple Dispo       | sal ( A fee may                        | be_asses                               | sed if sa  | mples are  | retain  | ed longer than   | 1 month)   | P000000000                              |
| Non-Hazard Flammable Skin Irritant Pois           | on B 🔀 Unki      | nown $\square$   | Radiologica  | 9/   |  |                  | To Client                              | Dispe                                  | osal By L  | ab $\square$   | 7   | hive For   | Months   |   |
| Deliverable Requested 1 II III IV Other (specify) |                  |  |  | **************************************   | Sp   | ecial Instruc    | ctions/QC Requir                       | CONTRACTOR OF THE PERSON OF THE PERSON |  |  | demography #1000 is form  | A STATE OF THE PARTY OF THE PAR | A CONTRACTOR OF THE CONTRACTOR | Withhouse                               |
| Empty Kit Relinquished by                         |                  | Date   |  |  | Time   |                  |  |  | Merhod of  | Shipment:  |   |  |  | ANDONES                                 |
| Relinquished by                                   | Date/F m/s / 27  | 2 1960   | 1535   | Copipany Ch  |  | Received by      | cmul Hen                               | mmd                                    | 010  | Date/Time  | 141   | 22 0915  | Company<br>EEIA  | Manager Co.                             |
| Relinquished by                                   | Date/Time:       |  |  | Company  | ***************************************  | Received by      | MILVE TIVII                            | WILLY.                                 | 701  | Date/*:me  | and the second second   | tantania Kandalaid   | Company  | 6000000000                              |
| Relinquished by                                   | Date/Time        |  |  | Company  |  | Received by      |  |  |  | Date/Time  | THE PERSON NAMED IN   |  | Company  | piemenosco                              |
| Custody Seals Intact. Custody Seal No             |                  | and the second s | secure dynamics or here of sec   |  | and the second s | Cooler *emp      | erature(s) °C and Otl                  | her Remarks                            | A  | الاست  | A. i  | e+3 b  |  | <del>portugues</del>                    |
| Δ Yes Δ No  |                  |  | ***************************************  |  |  |                  |  |  | 7  | - j ~ -  | 1, 1  | y ro v   |  |   |

## **Eurofins Chicago**

2417 Bond Street

12

University Park IL 60484 Phone 708-534-5200 Fax 708-534-5211

# **Chain of Custody Record**

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| Client Information   | Sampler Quin UNA   Lab PM   Carrier Tracking No(s)   5776.059.78336 |  | 26   |  | C No:<br>0-101813  | 3-441                                 | 17 1                                       | *************************************** | 227097/02/04/04/04/04/04/04/04/04/04/04/04/04/04/ |             |              |   |   |   |   |  |  |   |   |   |   |
|--|---|--|--|--|--------------------|---------------------------------------|--|---|---|-------------|--------------|---|---|---|---|--|--|---|---|---|---|
| Client Contact:  |   | 309-4  | 1167   | E-Ma   | ail                |                                       | ***************************************    |   |   |             | State        | of Origi                                | p.                                      |   |   | Pag  | je   |   | 2 of  | ٥ ر                                     | *************************************** |
| Quin Lenz<br>Company   |   | <del></del>                                  | PWSID:   | San  | idra F             | ream                                  | ck@et.                                     | eurofii                                 | nsus co   | om          |              | <u> </u>                                | ٦ ا                                     |   | *************************************** | Pag<br>Job   | ge 440152  | NAME OF TAXABLE PARTY.  | NAMES OF TAXABLE PARTY.   |   |   |
| Cedar Corporation  |   |  | <u> </u>   |  |                    | New College College                   |  |   | Anal  | ysis R      | eques        | ted                                     | *************************************** | and the second second                   |   |  | り()  | X_  | CONTRACTOR CONTRACTOR   | 594                                     | $\rho$                                  |
| Address.<br>1695 Bellevue Street   | Due Date Reques   | ted SHU                                      | ndere  | 1  |                    |                                       |  |   |   |             |              |   | *************************************** |   |   | 3  | servatio   | n Cod   | les<br>M Hex  | vane                                    |   |
| City City  | TAT Requested (d  |  | / / /  | <u> </u>   | 1.1                |                                       |  |   |   |             |              |   |   |   |   | A<br>B   | HCL<br>NaOH  |   | N Non   | 1e                                      |   |
| Green Bay  |   | Stor   | dare   | ,l   |                    |                                       |  |   |   |             |              |   |   |   |   | C  | Zn Acetat<br>Nitric Acid   | ie<br>d   | O Ash<br>P Na2  |   |   |
| State Zip<br>WI 54311  | Compliance Proje  | ct: A Yes                                    | Δ No   | and the second s | 11                 |                                       |  |   |   |             |              |   |   |   |   | , <b>∦</b> E   | NaHSO4   | 1   | Q Na2<br>R Na2  |   |   |
| Phone.   | PO#:  | **************************************       |  |  |                    |                                       |  |   |   |             |              |   |   |   | á                                       |  | MeOH<br>Amchlor  |   | S H2S   | 504                                     |   |
| 715-235-9081(Tel)<br>Emai  | Purchase Orde   | r not require                                | :d   |  | Jgl                |                                       |  |   |   |             |              |   |   |   |   |  | Ascorbic A   | Acid  | U Acet  | P Dodecat<br>itone                      | nyarate                                 |
| quin lenz@cedarcorp com  | ****  |  |  |  | 5                  | 2                                     |  |   |   |             |              |   |   |   |   | .∰J :  | Di Water   |   | V MCA<br>Vv oH  |   |   |
| Proiect Name   | Project#  | 99994000000000000000000000000000000000       | 60000000000000000000000000000000000000   | d.co.dc/97079099090000000000000000000000000000   | ığ.                | 5                                     |  |   |   |             |              |   |   |   | ine                                     | ₩. Willia  | EDTA<br>EDA  |   | Y TIZI  | ma<br>er specify                        |   |
| RICHFIELD TANK PULL<br>S, e  | 50006556<br>SSOW#   | Primurasconocconoccono de Militario de Conco | recessors was all the West of State Street S | annout MARK (Unicolary constant) as any asy of MARK (Unicolary Constant) as a second constant of the Constant  | -81,               |                                       |  |   | ,   |             |              |   |   |   | conta                                   | Oth  | er.  |   | Z ome   | er specify                              | 4                                       |
| 5.0  | 000,1,,,  |  |  |  | 8 6                | S S                                   | Š  |   | -   |             |              |   |   |   | 1 8                                     |  |  |   |   |   |   |
|  |   |  | Sample   | Matrix   | TEI.               | Fefform MS/MSD (Yes or 8260B PVOC+NAP |  |   |   |             |              |   |   |   | Numbar                                  | i 🗀  | ***************************************  | noncommon and   |   |   |   |
| TA ON THE PROPERTY OF THE PROP | MANAGEMENTS.  |  | Туре   | (W≂water<br>S≃Jolid,   | l≝I:               | 2                                     |  |   | ***************************************           |             |              |   |   |   | 1                                       |  |  |   |   |   |   |
|  |   | Sample                                       | (C=comp,   | S≖Jond,<br>Orwaste/oil,  | FleId              | 8260B                                 |  | -                                       |   |             |              |   |   |   | 100                                     |  |  |   | , ,,  |   |   |
| Sample Identification  | Sample Date   | Time   | G=grab)<br>Dracano   | ET-Tissue, A=Air)<br>ation Code:   |                    | XIN                                   |  |   |   | +++         | +            |   | +                                       | +                                       | +                                       | <b>}</b> —   | Speci  | iai ins   | structio  | ons/Not                                 | te                                      |
|  | 1663  | 1270   |  | Tarana da  | H                  | -                                     |  | -                                       |   | ╂┷╄╌        | +            |   | -1                                      | ╀┼                                      | -F                                      | 4-   |  |   | ddamma  |   | *************************************** |
| S-12<br>Trip Blank   | 6/3/22  | 1330   | 6  | Solid  | ₩                  |                                       |  | -                                       |   | +-+         |              |   | _                                       | ++                                      |   | 4  |  |   |   | *************************************** | *************************************** |
| Trip Blanx   | <u> </u>  | 10.00  | 6  | Solid  | Ш                  | 7                                     | 4  |   | _   | $\bot \bot$ |              | _                                       | _                                       | 4                                       |   | _  |  |   |   | *************************************** |   |
|  |   |  |  | Solid  | Ш                  |                                       |  |   |   |             |              |   |   |   |   |  |  |   |   |   |   |
|  |   |  |  | Solid  | Ш                  |                                       |  |   |   |             |              |   |   |   |   |  |  |   | ****************  |   |   |
|  |   |  |  | Solid  |                    |                                       |  |   |   |             |              |   |   |   |   |  |  |   |   |   |   |
|  |   |  |  | Solid  |                    |                                       |  |   |   |             |              |   |   |   |   |  |  |   |   |   |   |
|  |   |  |  | Solid  |                    |                                       |  |   |   |             |              |   |   |   |   |  |  |   |   |   |   |
|  |   |  |  | Solid  | П                  |                                       |  |   |   |             |              |   |   |   |   | 1  |  |   | ***************************************   | *************************************** | *************************************** |
|  |   |  |  | Solid  | $\prod$            |                                       |  |   |   |             |              |   |   | 11                                      | - Inni                                  | 1  |  | THE PERSON NAMED IN   |   |   | *************************************** |
|  |   |  | <del>                                     </del>   | Solid  | Ħ                  | $\top$                                |  | $\neg \dagger$                          |   |             |              |   | $\top$                                  | T                                       | 1377                                    | T  |  |   | ***************************************   |   | *************************************** |
|  |   |  |  | Solid  | Ħ                  |                                       | 1  |   | 1   |             |              |   |   | TT                                      |   | 1  |  |   | ······································  |   | *************************************** |
| Possible Hazard Identification   |   | 1  | <u> </u>   |  | <del>- Is</del>    | amp.                                  | le Disp                                    | osal (                                  | ( A fee   | may be      | asses        | sed if                                  | samp                                    | les are                                 | retaii                                  | ned l  | onger th   | han 1   | month   | 1)                                      |   |
| Non-Hazard Flammable Skin Irritant Pol   | son B Ounki   | nown =                                       | Radiologica  | a <i>l</i>   |                    |                                       | Return                                     |   |   | 7           | Dispos       | sal By                                  | Lab .                                   |   | □ <sub>Arc</sub>                        | chive .  | For  |   |   | nths                                    |   |
| Deliverable Requested   II   III   IV Other (specify)  |   |  |  |  | S                  | реск                                  | al Instru                                  | ictions                                 | JQC R   | equirem     | ents         | *************************************** |   | *************************************** | *************************************** | Attention  | partition of the last of the l | ingeneral constant  | LOSSIGNATION OF THE PERSONS ASSESSMENT  |   |   |
| Empty Kit Relinquished by  | _   | Date   |  |  | Time               |                                       |  |   |   |             |              | Merhod                                  |   |   | PORTON MARKET                           |  | 61600000000000000000000000000000000000   | ***************************************   | COMMENSATION OF THE PERSON OF | THE THE PERSON NAMED IN                 | Notice entry (c) many                   |
| Relinquished by:   | Date/ me: 6/2   | /22  | 1535   | Company Coll4  |                    | Re                                    | ceived b                                   | hor                                     | MIO   | HM          | NOM)         | 'la k                                   | Date                                    | e/Time (                                | Q14                                     | 1127   | 2 09   | 15  | Compar  | În_                                     | ACCESSORY (1997)                        |
| Relinguished by  | Date/*ime /   | /  | 1-00   | Company  |                    | Re                                    | ceived by                                  | <u>-1 101</u><br>y                      | IVU   | TIANT       | WI I         | ~                                       | Date                                    | e/Time                                  | - 5   }                                 | , ,  |  |   | Compar  |   | Popularies                              |
| Relinquished by  | Date/*ime   | ***************************************      |  | Company  | ~~~~               | Re                                    | ceived b                                   | y                                       | ······································            |             |              |   | Date                                    | e∕Time:                                 | managawaga/PeliPela                     | NAMES OF BRIDGING STOPE  | 10-2   | NELCONOMINATION OF THE PERSON NAMED IN COLUMN TO THE PERSON NAMED | Compar  | ny                                      | processor and a second                  |
| Custosis Conta Intents Custosis Cont No.   | <u> </u>  | ***************************************      | ***************************************  |  | there was a second |                                       | olor T - C                                 | ooret.                                  | -/n\ 0/\ -  |             | C) a real of | ·*************************************  |   | and the second                          |   | BOOKS OF THE PARTY | <del>inicasanta antara inte</del>  | -   |   |   | Parket Section 1997                     |
| Custody Seals Intact: Custody Seal No<br>Δ Yes Δ No  |   |  |  |  |                    | 100                                   | Cooler Temperature(s) °C and Other Remarks |   |   |             |              |   |   |   |   |  |  |   |   |   |   |

## **Login Sample Receipt Checklist**

Client: Cedar Corporation Job Number: 500-217596-1

Login Number: 217596 List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

| Creator. nemanuez, Stephanie   |        |         |
|--|--------|---------|
| Question   | Answer | Comment |
| Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td> | 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   | 3.6     |
| 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    |         |

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# **ANALYTICAL REPORT**

## PREPARED FOR

Attn: Ashley Wagner Cedar Corporation W61 N497 Washington Ave Cedarburg Wisconsin 53012

Generated 11/17/2022 5:17:26 PM

# **JOB DESCRIPTION**

Millis Transfer Richfield, WI

# **JOB NUMBER**

500-224837-1

EOL EOL

# **Table of Contents**

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### **Case Narrative**

Client: Cedar Corporation

Project/Site: Millis Transfer Richfield, WI

Job ID: 500-224837-1

Job ID: 500-224837-1

**Laboratory: Eurofins Chicago** 

**Narrative** 

**Job Narrative** 500-224837-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 11/3/2022 9:40 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 2.1° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# **Detection Summary**

Client: Cedar Corporation Job ID: 500-224837-1

Project/Site: Millis Transfer Richfield, WI

Client Sample ID: MW-1 Lab Sample ID: 500-224837-1

| Analyte                | Result Qualifier | LOQ  | DL   | Unit | Dil Fac D | Method | Prep Type |
|------------------------|------------------|------|------|------|-----------|--------|-----------|
| Benzene                | 0.53             | 0.50 | 0.15 | ug/L |           | 8260B  | Total/NA  |
| Ethylbenzene           | 1.7              | 0.50 | 0.18 | ug/L | 1         | 8260B  | Total/NA  |
| Toluene                | 0.59             | 0.50 | 0.15 | ug/L | 1         | 8260B  | Total/NA  |
| 1,2,4-Trimethylbenzene | 2.4              | 1.0  | 0.36 | ug/L | 1         | 8260B  | Total/NA  |
| 1,3,5-Trimethylbenzene | 0.82 J           | 1.0  | 0.25 | ug/L | 1         | 8260B  | Total/NA  |
| Xylenes, Total         | 7.2              | 1.0  | 0.22 | ug/L | 1         | 8260B  | Total/NA  |

**Client Sample ID: PW-1** Lab Sample ID: 500-224837-2

| Analyte                 | Result | Qualifier | LOQ | DL   | Unit | Dil Fac I | ) Method | Prep Type |
|-------------------------|--------|-----------|-----|------|------|-----------|----------|-----------|
| Methyl tert-butyl ether | 0.70   | J         | 1.0 | 0.39 | ug/L |           | 8260B    | Total/NA  |

**Client Sample ID: Trip Blank** Lab Sample ID: 500-224837-3

No Detections.

## **Method Summary**

Client: Cedar Corporation

Project/Site: Millis Transfer Richfield, WI

MethodMethod DescriptionProtocolLaboratory8260BVolatile Organic Compounds (GC/MS)SW846EET CHI5030BPurge and TrapSW846EET CHI

#### **Protocol References:**

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

Job ID: 500-224837-1

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# **Sample Summary**

Client: Cedar Corporation Project/Site: Millis Transfer Richfield, WI

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 500-224837-1  | MW-1             | Water  | 11/02/22 09:55 | 11/03/22 09:40 |
| 500-224837-2  | PW-1             | Water  | 11/02/22 10:48 | 11/03/22 09:40 |
| 500-224837-3  | Trip Blank       | Water  | 11/02/22 00:00 | 11/03/22 09:40 |

Job ID: 500-224837-1

Client: Cedar Corporation Job ID: 500-224837-1

Project/Site: Millis Transfer Richfield, WI

Lab Sample ID: 500-224837-1 Client Sample ID: MW-1

Date Collected: 11/02/22 09:55 **Matrix: Water** Date Received: 11/03/22 09:40

| Analyte                      | Result      | Qualifier | LOQ      | DL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-------------|-----------|----------|------|------|---|----------|----------------|---------|
| Benzene                      | 0.53        |           | 0.50     | 0.15 | ug/L |   |          | 11/15/22 12:24 | 1       |
| Ethylbenzene                 | 1.7         |           | 0.50     | 0.18 | ug/L |   |          | 11/15/22 12:24 | 1       |
| Methyl tert-butyl ether      | <0.39       |           | 1.0      | 0.39 | ug/L |   |          | 11/15/22 12:24 | 1       |
| Naphthalene                  | <0.34       |           | 1.0      | 0.34 | ug/L |   |          | 11/15/22 12:24 | 1       |
| Toluene                      | 0.59        |           | 0.50     | 0.15 | ug/L |   |          | 11/15/22 12:24 | 1       |
| 1,2,4-Trimethylbenzene       | 2.4         |           | 1.0      | 0.36 | ug/L |   |          | 11/15/22 12:24 | 1       |
| 1,3,5-Trimethylbenzene       | 0.82        | J         | 1.0      | 0.25 | ug/L |   |          | 11/15/22 12:24 | 1       |
| Xylenes, Total               | 7.2         |           | 1.0      | 0.22 | ug/L |   |          | 11/15/22 12:24 | 1       |
| Surrogate                    | %Recovery   | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | <del></del> |           | 72 - 124 |      |      |   |          | 11/15/22 12:24 | 1       |
| Dibromofluoromethane (Surr)  | 89          |           | 75 - 120 |      |      |   |          | 11/15/22 12:24 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 79          |           | 75 - 126 |      |      |   |          | 11/15/22 12:24 | 1       |
| Toluene-d8 (Surr)            | 96          |           | 75 - 120 |      |      |   |          | 11/15/22 12:24 | 1       |

Client: Cedar Corporation Job ID: 500-224837-1

Project/Site: Millis Transfer Richfield, WI

Client Sample ID: PW-1 Lab Sample ID: 500-224837-2

Date Collected: 11/02/22 10:48

Date Received: 11/03/22 09:40

Matrix: Water

| Analyte                      | Result    | Qualifier | LOQ      | DL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Benzene                      | <0.15     |           | 0.50     | 0.15 | ug/L |   |          | 11/15/22 12:49 | 1       |
| Ethylbenzene                 | <0.18     |           | 0.50     | 0.18 | ug/L |   |          | 11/15/22 12:49 | 1       |
| Methyl tert-butyl ether      | 0.70      | J         | 1.0      | 0.39 | ug/L |   |          | 11/15/22 12:49 | 1       |
| Naphthalene                  | <0.34     |           | 1.0      | 0.34 | ug/L |   |          | 11/15/22 12:49 | 1       |
| Toluene                      | <0.15     |           | 0.50     | 0.15 | ug/L |   |          | 11/15/22 12:49 | 1       |
| 1,2,4-Trimethylbenzene       | <0.36     |           | 1.0      | 0.36 | ug/L |   |          | 11/15/22 12:49 | 1       |
| 1,3,5-Trimethylbenzene       | <0.25     |           | 1.0      | 0.25 | ug/L |   |          | 11/15/22 12:49 | 1       |
| Xylenes, Total               | <0.22     |           | 1.0      | 0.22 | ug/L |   |          | 11/15/22 12:49 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 79        |           | 72 - 124 |      |      |   |          | 11/15/22 12:49 | 1       |
| Dibromofluoromethane (Surr)  | 95        |           | 75 - 120 |      |      |   |          | 11/15/22 12:49 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 80        |           | 75 - 126 |      |      |   |          | 11/15/22 12:49 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 75 - 120 |      |      |   |          | 11/15/22 12:49 | 1       |

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Client: Cedar Corporation Job ID: 500-224837-1

Project/Site: Millis Transfer Richfield, WI

**Client Sample ID: Trip Blank** 

Lab Sample ID: 500-224837-3 Date Collected: 11/02/22 00:00

**Matrix: Water** 

Date Received: 11/03/22 09:40

| Analyte                      | Result    | Qualifier | LOQ      | DL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Benzene                      | <0.15     |           | 0.50     | 0.15 | ug/L |   |          | 11/15/22 12:00 | 1       |
| Ethylbenzene                 | <0.18     |           | 0.50     | 0.18 | ug/L |   |          | 11/15/22 12:00 | 1       |
| Methyl tert-butyl ether      | < 0.39    |           | 1.0      | 0.39 | ug/L |   |          | 11/15/22 12:00 | 1       |
| Naphthalene                  | <0.34     |           | 1.0      | 0.34 | ug/L |   |          | 11/15/22 12:00 | 1       |
| Toluene                      | <0.15     |           | 0.50     | 0.15 | ug/L |   |          | 11/15/22 12:00 | 1       |
| 1,2,4-Trimethylbenzene       | < 0.36    |           | 1.0      | 0.36 | ug/L |   |          | 11/15/22 12:00 | 1       |
| 1,3,5-Trimethylbenzene       | <0.25     |           | 1.0      | 0.25 | ug/L |   |          | 11/15/22 12:00 | 1       |
| Xylenes, Total               | <0.22     |           | 1.0      | 0.22 | ug/L |   |          | 11/15/22 12:00 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 78        |           | 72 - 124 |      |      |   |          | 11/15/22 12:00 | 1       |
| Dibromofluoromethane (Surr)  | 89        |           | 75 - 120 |      |      |   |          | 11/15/22 12:00 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 80        |           | 75 - 126 |      |      |   |          | 11/15/22 12:00 | 1       |
| Toluene-d8 (Surr)            | 96        |           | 75 - 120 |      |      |   |          | 11/15/22 12:00 | 1       |

## **Definitions/Glossary**

Client: Cedar Corporation Job ID: 500-224837-1

Project/Site: Millis Transfer Richfield, WI

#### **Qualifiers**

#### **GC/MS VOA**

Qualifier Qualifier Description

J Reported value was between the limit of detection and the limit of quantitation.

## **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)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

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# **QC Association Summary**

Client: Cedar Corporation Job ID: 500-224837-1

Project/Site: Millis Transfer Richfield, WI

## **GC/MS VOA**

### Analysis Batch: 684938

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 500-224837-1     | MW-1               | Total/NA  | Water  | 8260B  |            |
| 500-224837-2     | PW-1               | Total/NA  | Water  | 8260B  |            |
| 500-224837-3     | Trip Blank         | Total/NA  | Water  | 8260B  |            |
| MB 500-684938/6  | Method Blank       | Total/NA  | Water  | 8260B  |            |
| LCS 500-684938/5 | Lab Control Sample | Total/NA  | Water  | 8260B  |            |

## **Surrogate Summary**

Client: Cedar Corporation Job ID: 500-224837-1

Project/Site: Millis Transfer Richfield, WI

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water Prep Type: Total/NA

|                  |                    |          | Pe       | ercent Surre | ogate Reco |
|------------------|--------------------|----------|----------|--------------|------------|
|                  |                    | BFB      | DBFM     | DCA          | TOL        |
| Lab Sample ID    | Client Sample ID   | (72-124) | (75-120) | (75-126)     | (75-120)   |
| 500-224837-1     | MW-1               | 77       | 89       | 79           | 96         |
| 500-224837-2     | PW-1               | 79       | 95       | 80           | 96         |
| 500-224837-3     | Trip Blank         | 78       | 89       | 80           | 96         |
| LCS 500-684938/5 | Lab Control Sample | 77       | 96       | 83           | 95         |
| MB 500-684938/6  | Method Blank       | 78       | 94       | 79           | 95         |

#### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

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## **QC Sample Results**

Client: Cedar Corporation Job ID: 500-224837-1

Project/Site: Millis Transfer Richfield, WI

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-684938/6

**Matrix: Water** 

**Analysis Batch: 684938** 

**Client Sample ID: Method Blank** Prep Type: Total/NA

|                         | MB MB     | 3           |      |      |   |          |                |         |
|-------------------------|-----------|-------------|------|------|---|----------|----------------|---------|
| Analyte                 | Result Qu | alifier LOQ | DL   | Unit | D | Prepared | Analyzed       | Dil Fac |
| Benzene                 | <0.15     | 0.50        | 0.15 | ug/L |   |          | 11/15/22 11:34 | 1       |
| Ethylbenzene            | <0.18     | 0.50        | 0.18 | ug/L |   |          | 11/15/22 11:34 | 1       |
| Methyl tert-butyl ether | < 0.39    | 1.0         | 0.39 | ug/L |   |          | 11/15/22 11:34 | 1       |
| Naphthalene             | <0.34     | 1.0         | 0.34 | ug/L |   |          | 11/15/22 11:34 | 1       |
| Toluene                 | <0.15     | 0.50        | 0.15 | ug/L |   |          | 11/15/22 11:34 | 1       |
| 1,2,4-Trimethylbenzene  | < 0.36    | 1.0         | 0.36 | ug/L |   |          | 11/15/22 11:34 | 1       |
| 1,3,5-Trimethylbenzene  | <0.25     | 1.0         | 0.25 | ug/L |   |          | 11/15/22 11:34 | 1       |
| Xylenes, Total          | <0.22     | 1.0         | 0.22 | ug/L |   |          | 11/15/22 11:34 | 1       |
|                         |           |             |      |      |   |          |                |         |

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 78 72 - 124 11/15/22 11:34 4-Bromofluorobenzene (Surr) Dibromofluoromethane (Surr) 94 75 - 120 11/15/22 11:34 1,2-Dichloroethane-d4 (Surr) 79 75 - 126 11/15/22 11:34 Toluene-d8 (Surr) 95 75 - 120 11/15/22 11:34

Lab Sample ID: LCS 500-684938/5

**Matrix: Water** 

**Analysis Batch: 684938** 

**Client Sample ID: Lab Control Sample** Prep Type: Total/NA

|                         | Spike | LCS    | LCS       |      |   |      | %Rec     |  |
|-------------------------|-------|--------|-----------|------|---|------|----------|--|
| Analyte                 | Added | Result | Qualifier | Unit | D | %Rec | Limits   |  |
| Benzene                 | 50.0  | 42.1   |           | ug/L |   | 84   | 70 - 120 |  |
| Ethylbenzene            | 50.0  | 44.6   |           | ug/L |   | 89   | 70 - 123 |  |
| Methyl tert-butyl ether | 50.0  | 42.8   |           | ug/L |   | 86   | 55 - 123 |  |
| Naphthalene             | 50.0  | 46.9   |           | ug/L |   | 94   | 53 - 144 |  |
| Toluene                 | 50.0  | 44.6   |           | ug/L |   | 89   | 70 - 125 |  |
| 1,2,4-Trimethylbenzene  | 50.0  | 42.7   |           | ug/L |   | 85   | 70 - 123 |  |
| 1,3,5-Trimethylbenzene  | 50.0  | 43.4   |           | ug/L |   | 87   | 70 - 123 |  |
| Xylenes, Total          | 100   | 83.4   |           | ug/L |   | 83   | 70 - 125 |  |
|                         |       |        |           |      |   |      |          |  |

|                              | LCS       | LCS       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr)  | 77        |           | 72 - 124 |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 83        |           | 75 - 126 |
| Toluene-d8 (Surr)            | 95        |           | 75 - 120 |

**Eurofins Chicago** 

### **Lab Chronicle**

Client: Cedar Corporation Job ID: 500-224837-1

Project/Site: Millis Transfer Richfield, WI

**Client Sample ID: MW-1** Lab Sample ID: 500-224837-1

Date Collected: 11/02/22 09:55 **Matrix: Water** 

Date Received: 11/03/22 09:40

|           | Batch    | Batch  |     | Dilution | Batch  |         |         | Prepared       |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type     | Method | Run | Factor   | Number | Analyst | Lab     | or Analyzed    |
| Total/NA  | Analysis | 8260B  |     | 1        | 684938 | W1T     | EET CHI | 11/15/22 12:24 |

**Client Sample ID: PW-1** Lab Sample ID: 500-224837-2

Date Collected: 11/02/22 10:48

Date Received: 11/03/22 09:40

|           | Batch    | Batch  |     | Dilution | Batch  |         |         | Prepared       |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type     | Method | Run | Factor   | Number | Analyst | Lab     | or Analyzed    |
| Total/NA  | Analysis | 8260B  |     | 1        | 684938 | W1T     | EET CHI | 11/15/22 12:49 |

Lab Sample ID: 500-224837-3 **Client Sample ID: Trip Blank** 

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:40

|           | Batch    | Batch  |     | Dilution | Batch  |         |         | Prepared       |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Type     | Method | Run | Factor   | Number | Analyst | Lab     | or Analyzed    |
| Total/NA  | Analysis | 8260B  |     | 1        | 684938 | W1T     | EET CHI | 11/15/22 12:00 |

**Laboratory References:** 

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

**Matrix: Water** 

**Matrix: Water** 

# **Accreditation/Certification Summary**

Client: Cedar Corporation Job ID: 500-224837-1

Project/Site: Millis Transfer Richfield, WI

## **Laboratory: Eurofins Chicago**

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | <b>Expiration Date</b> |
|-----------|---------|-----------------------|------------------------|
| Wisconsin | State   | 999580010             | 08-31-23               |

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# **Chain of Custody Record**

Address

638811 seurofins Environment Testing

|   |                |                       |                             |                                    |            |  |                 |                 |                   |              |           |           |          |                           |  | ي ۋ          | ·               | 1                    | merica   | iciii icatiii                           |
|---|----------------|-----------------------|-----------------------------|------------------------------------|------------|--|-----------------|-----------------|-------------------|--------------|-----------|-----------|----------|---------------------------|--|--------------|-----------------|----------------------|--|---|
|   | Regulate       | ory Program           | DW                          | NPDE!                              | 5 [        | RCF  | RA              | Othe            | er.               |              |           |           |          |                           |  |              |                 | *                    |  | TAL-8210                                |
| Client Contact  | Project Mana   | ager HSN/             | allos                       | aan                                | Site       | Con  | tact            |                 | aus diberrono and |              | D         | ate       |          |                           |  |              | OKIONAMASIA.    | COC No               |  |   |
| Company Name (RCC) COCP.  | Tel/Email (    | Shley-wag             | havec                       | edgy                               | Cab        | (Con   | cacily          | 7               |                   |              | С         | arrier    |          |                           |  |              |                 | of                   | CO   | Cs                                      |
| Address WGIN497 Washington Ave  | Ana            | alysis Turnarou       | nd Time                     |                                    | П          |  |                 |                 |                   |              |           |           |          |                           |  |              |                 | Sampler <sup>.</sup> | downers control to the state of                  |   |
| City/State/Zip (Cotorbura w) 53012  | CALENDAR       | DAYS [                | VORKING DA                  | YS                                 |            | and the same of th |                 |                 |                   |              |           |           |          |                           |  |              |                 | For Lab Use Only     | У  |   |
| Phone 930-309-2389  | TAT if         | different from, Below |                             |                                    |            | $\mathbf{z} _{\mathcal{L}}$  | 1               |                 |                   |              |           |           |          | : 54.00                   | 15.5   |              |                 | Walk-in Client       | <u> </u>   | **************************************  |
| Fax   |                | 2 weeks               | STI                         | )                                  | 2          | 200  |                 | 4               |                   |              |           |           | ľ        |                           | (t   |              |                 | Lab Sampling         | L  | *******************************         |
| Project Name MillS Transfer   |                | 1 week                | 0,0                         |                                    | > 0        | 318  |                 |                 |                   |              |           |           |          | 43                        | Œ  |              |                 |                      |  | and the result of the second            |
| Site Richfield WI   |                | 2 days                |                             | 34                                 | mple (     |  | 1 1             |                 |                   |              |           |           |          |                           | R.   |              |                 | Job / SDG No         | 7 1 B  | 11                                      |
| r o #   |                | 1 day                 |                             | A Con-lab and the latest transport | am         | 25   |                 |                 |                   |              |           |           | 500-     | 22483                     | 7 CO   | С            |                 | 500-2                | 40   | 2                                       |
|   | TO SHARE       | Samp<br>Type          |                             |                                    | Spe        | El3  |                 |                 |                   |              |           |           |          |                           |  |              |                 |                      |  |   |
|   | Sample S       | ample (C=Com          | р,                          | # of                               | Filtered   |  |                 |                 |                   |              |           |           |          |                           |  |              |                 |                      |  |   |
| Sample Identification ( ,   | Date '         | Time G=Grat           | ) Matrix                    |                                    | ш è        |  |                 |                 |                   |              |           | 4         |          |                           | _  |              | _               | Sample Sp            | ecific N   | otes                                    |
| l MW-1  | 11.220         | 155 6                 | 40                          | 3                                  | MI         | X  |                 |                 |                   |              |           |           |          |                           |  |              |                 |                      |  |   |
| DINI-I  |                | 48 G                  | M                           | 3                                  |            | X  |                 |                 |                   |              |           | 11        | $\top$   | $\dagger \dagger \dagger$ |  | $\top$       | $\dagger$       |                      |  |   |
| FW-   | 11.000 1       | M8 10                 | 12                          |                                    | 141        | *  | $\vdash$        | +               |                   | -            |           | ++        | _        | +-+                       |  |              | +               |                      |  |   |
| Trip Blank  | ******         | -16                   | DI                          | 1                                  | Nu         | 17   |                 |                 |                   |              |           |           |          |                           |  |              | L               |                      |  |   |
| •   |                |                       |                             |                                    |            |  |                 |                 |                   |              |           |           |          |                           | 1  |              |                 |                      |  |   |
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|   |                |                       |                             |                                    | OT COLUMN  |  |                 |                 |                   |              |           |           |          |                           |  |              |                 |                      |  |   |
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|   |                | ilier 14              |                             |                                    |            |  |                 |                 |                   | 44           |           | 100000    |          |                           |  | - Q (2002A)  | S (2007)        |                      |  |   |
| Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; Possible Hazard Identification | 5=NaUH, 0= U   | Amer                  |                             |                                    |            | 1//  | o Die           | L L             | ( A fo            |              | bo 20     |           | مالد     | 1 1                       |  | 1            | 1               | Uangarthan 1 ma      | ndh)   |   |
| Are any samples from a listed EPA Hazardous Waste? Please                           | E List any EPA | Waste Codes fo        | r the samp                  | ole n the                          | )          | ampn   | e Dis           | posai           | (Ale              | e may        | ue as     | 56226     | uns      | ampie                     | es are   | reta         | mec             | l longer than 1 mo   | nun)   |   |
| Comments Section if the lab is to dispose of the sample                             |                |                       | ,                           |                                    |            |  |                 |                 |                   |              | ۸         |           |          |                           |  |              |                 |                      |  |   |
| Non-Hazard Flammable Skin Irritant  | Poison B       | Un                    | known                       |                                    |            | R  | eturn t         | o Client        |                   | X            | Dispos    | sal by La | ab       |                           | Arc  | chive fo     | or              | Months               |  |   |
| Special Instructions/QC Requirements & Comments                                     |                |                       | AND SECTION OF THE PARTY OF |                                    | anned anne |  | Attended to the |                 |                   |              | ×         |           |          |                           | CONTRACTOR OF STREET   | ·            | oden management |                      |  |   |
|   |                |                       |                             |                                    |            |  |                 |                 |                   |              |           |           | 1.1      | +2.                       |  |              |                 |                      |  |   |
| Custody Seals Intact Yes No   | Custody Seal I | No                    |                             |                                    | novelowiec |  | IC              | ooler 7         | Temp              | (°C) (       | Obs'd     | *****     |          | Corr'd                    | unner und und vor vor  | ************ |                 | Therm ID No          |  | tendro in decisio i do mando            |
| Relinguisting by 11 (A) (A)   | Company.       |                       | Date/Tir                    | ne lli                             | i R        | eceive   |                 | 7               |                   | ( ) ,        | _ ~ ~ ~ _ | Ic        | Compa    |                           | NAME OF THE PERSON OF THE PERS |              | TEMPORE COLUMNS | Date/Time.           | ***************************************          |   |
|   | (PA)           | V                     | Date/Tir                    | וו'מ                               | Ψ"         |  | 1               | 26              | 7_                | ~            |           |           | F        | rot                       | N. A.  |              |                 | 11 1 11              | 1  | 140                                     |
| Relinquished by   | Company        |                       | Date/Tir                    |                                    |            | eceive   |                 |                 | £                 | ************ |           | -         | ompa     |                           | 10)  |              |                 | Date/Time            |  | ·                                       |
| ( ) Oks 5   | Earthe         | 112.2                 | 1 1                         | 7:00                               |            |  | ,               |                 |                   |              |           | l         | -        | •                         |  |              |                 |                      |  |   |
| Relinquished by   | Company        |                       | Date/Tir                    |                                    | R          | eceive   | ed in i         | Labora          | itory b           | )<br>MM      | 1.        |           | ompa     | iny                       | <b>~</b>   | ^            |                 | Date/Time            | <del>'''''''''''''''''''''''''''''''''''''</del> | ~ d .                                   |
|   |                |                       |                             |                                    | -16        | HIA)   | hm              | 110 I           | HYM               | 1000         | MM        |           |          | t                         | ナリ   | +            |                 | 1113/22              | _ 0  | 940                                     |

## **Login Sample Receipt Checklist**

Client: Cedar Corporation Job Number: 500-224837-1

Login Number: 224837 List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

| Creator: Hernandez, Stephanie  |        |         |
|--|--------|---------|
| Question   | Answer | Comment |
| Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td> | 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   | 2.1     |
| 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").                            | True   |         |
| Multiphasic samples are not present.   | True   |         |
| Samples do not require splitting or compositing.   | True   |         |
| Residual Chlorine Checked.   | N/A    |         |

Eurofins Chicago Page 17 of 18 11/17/2022

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

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**

Jodie Bracken

Generated 11/17/2022 5:17:26 PM

Authorized for release by
Jodie Bracken, Project Management Assistant II
Jodie.Bracken@et.eurofinsus.com
Designee for
Sandie Fredrick, Project Manager II
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

# PREPARED FOR

**ANALYTICAL REPORT** 

Attn: Ashley Wagner Cedar Corporation W61 N497 Washington Ave Cedarburg, Wisconsin 53012

Generated 12/14/2022 3:36:05 PM

# JOB DESCRIPTION

Millis Transfer Richfield

# **JOB NUMBER**

500-226264-1

Eurofins Chicago 2417 Bond Street University Park IL 60484



# **Eurofins Chicago**

### **Job Notes**

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

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**

Generated 12/14/2022 3:36:05 PM

Authorized for release by Sandie Fredrick, Project Manager II Sandra.Fredrick@et.eurofinsus.com (920)261-1660

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Client: Cedar Corporation Project/Site: Millis Transfer Richfield Laboratory Job ID: 500-226264-1

# **Table of Contents**

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### **Case Narrative**

Client: Cedar Corporation

Job ID: 500-226264-1 Project/Site: Millis Transfer Richfield

Job ID: 500-226264-1

**Laboratory: Eurofins Chicago** 

**Narrative** 

**Job Narrative** 500-226264-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 12/3/2022 9:35 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 3.0° C.

#### GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

# **Detection Summary**

Client: Cedar Corporation Job ID: 500-226264-1

Project/Site: Millis Transfer Richfield

Client Sample ID: MW-1 Lab Sample ID: 500-226264-1

| Analyte                | Result | Qualifier | LOQ  | DL   | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|------|------|---------|---|--------|-----------|
| Benzene                | 0.26   | J         | 0.50 | 0.15 | ug/L |         | _ | 8260B  | Total/NA  |
| Ethylbenzene           | 2.9    |           | 0.50 | 0.18 | ug/L | 1       |   | 8260B  | Total/NA  |
| Naphthalene            | 0.44   | J         | 1.0  | 0.34 | ug/L | 1       |   | 8260B  | Total/NA  |
| Toluene                | 0.65   | В         | 0.50 | 0.15 | ug/L | 1       |   | 8260B  | Total/NA  |
| 1,2,4-Trimethylbenzene | 3.2    |           | 1.0  | 0.36 | ug/L | 1       |   | 8260B  | Total/NA  |
| 1,3,5-Trimethylbenzene | 0.97   | J         | 1.0  | 0.25 | ug/L | 1       |   | 8260B  | Total/NA  |
| Xylenes, Total         | 8.2    |           | 1.0  | 0.22 | ug/L | 1       |   | 8260B  | Total/NA  |

Lab Sample ID: 500-226264-2 **Client Sample ID: Trip Blank** 

| Analyte | Result Qualifier | LOQ  | DL Unit   | Dil Fac D Method | Prep Type |
|---------|------------------|------|-----------|------------------|-----------|
| Toluene | 0.21 JB          | 0.50 | 0.15 ug/L | 1 8260B          | Total/NA  |

12/14/2022

This Detection Summary does not include radiochemical test results.

## **Method Summary**

Client: Cedar Corporation

Project/Site: Millis Transfer Richfield

MethodMethod DescriptionProtocolLaboratory8260BVolatile Organic Compounds (GC/MS)SW846EET CHI5030BPurge and TrapSW846EET CHI

#### **Protocol References:**

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

Job ID: 500-226264-1

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## **Sample Summary**

Client: Cedar Corporation

Project/Site: Millis Transfer Richfield

 Lab Sample ID
 Client Sample ID
 Matrix
 Collected
 Received

 500-226264-1
 MW-1
 Ground Water
 12/02/22 09:00
 12/03/22 09:35

 500-226264-2
 Trip Blank
 Water
 12/02/22 00:00
 12/03/22 09:35

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Job ID: 500-226264-1

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Client: Cedar Corporation Job ID: 500-226264-1

Project/Site: Millis Transfer Richfield

Client Sample ID: MW-1 Lab Sample ID: 500-226264-1

Date Collected: 12/02/22 09:00 Matrix: Ground Water
Date Received: 12/03/22 09:35

| Analyte                      | Result    | Qualifier | LOQ      | DL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Benzene                      | 0.26      | J         | 0.50     | 0.15 | ug/L |   |          | 12/07/22 16:14 | 1       |
| Ethylbenzene                 | 2.9       |           | 0.50     | 0.18 | ug/L |   |          | 12/07/22 16:14 | 1       |
| Methyl tert-butyl ether      | < 0.39    |           | 1.0      | 0.39 | ug/L |   |          | 12/07/22 16:14 | 1       |
| Naphthalene                  | 0.44      | J         | 1.0      | 0.34 | ug/L |   |          | 12/07/22 16:14 | 1       |
| Toluene                      | 0.65      | В         | 0.50     | 0.15 | ug/L |   |          | 12/07/22 16:14 | 1       |
| 1,2,4-Trimethylbenzene       | 3.2       |           | 1.0      | 0.36 | ug/L |   |          | 12/07/22 16:14 | 1       |
| 1,3,5-Trimethylbenzene       | 0.97      | J         | 1.0      | 0.25 | ug/L |   |          | 12/07/22 16:14 | 1       |
| Xylenes, Total               | 8.2       |           | 1.0      | 0.22 | ug/L |   |          | 12/07/22 16:14 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 89        |           | 72 - 124 |      |      |   |          | 12/07/22 16:14 | 1       |
| Dibromofluoromethane (Surr)  | 97        |           | 75 - 120 |      |      |   |          | 12/07/22 16:14 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 88        |           | 75 - 126 |      |      |   |          | 12/07/22 16:14 | 1       |
| Toluene-d8 (Surr)            | 93        |           | 75 - 120 |      |      |   |          | 12/07/22 16:14 | 1       |

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Client: Cedar Corporation Job ID: 500-226264-1

Project/Site: Millis Transfer Richfield

Date Received: 12/03/22 09:35

**Client Sample ID: Trip Blank** Date Collected: 12/02/22 00:00

Lab Sample ID: 500-226264-2

**Matrix: Water** 

| Analyte                      | Result    | Qualifier | LOQ      | DL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Benzene                      | <0.15     |           | 0.50     | 0.15 | ug/L |   |          | 12/07/22 12:39 | 1       |
| Ethylbenzene                 | <0.18     |           | 0.50     | 0.18 | ug/L |   |          | 12/07/22 12:39 | 1       |
| Methyl tert-butyl ether      | <0.39     |           | 1.0      | 0.39 | ug/L |   |          | 12/07/22 12:39 | 1       |
| Naphthalene                  | <0.34     |           | 1.0      | 0.34 | ug/L |   |          | 12/07/22 12:39 | 1       |
| Toluene                      | 0.21      | JB        | 0.50     | 0.15 | ug/L |   |          | 12/07/22 12:39 | 1       |
| 1,2,4-Trimethylbenzene       | <0.36     |           | 1.0      | 0.36 | ug/L |   |          | 12/07/22 12:39 | 1       |
| 1,3,5-Trimethylbenzene       | <0.25     |           | 1.0      | 0.25 | ug/L |   |          | 12/07/22 12:39 | 1       |
| Xylenes, Total               | <0.22     |           | 1.0      | 0.22 | ug/L |   |          | 12/07/22 12:39 | 1       |
| Surrogate                    | %Recovery | Qualifier | Limits   |      |      |   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 89        |           | 72 - 124 |      |      |   |          | 12/07/22 12:39 | 1       |
| Dibromofluoromethane (Surr)  | 96        |           | 75 - 120 |      |      |   |          | 12/07/22 12:39 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 86        |           | 75 - 126 |      |      |   |          | 12/07/22 12:39 | 1       |
| Toluene-d8 (Surr)            | 91        |           | 75 - 120 |      |      |   |          | 12/07/22 12:39 | 1       |

## **Definitions/Glossary**

Client: Cedar Corporation Job ID: 500-226264-1

Project/Site: Millis Transfer Richfield

#### **Qualifiers**

#### **GC/MS VOA**

Qualifier Qualifier Description

B Compound was found in the blank and sample.

J Reported value was between the limit of detection and the limit of quantitation.

### **Glossary**

| Abbreviation | These commonly | y used abbreviations may | y or may not be | present in this report. |
|--------------|----------------|--------------------------|-----------------|-------------------------|
|--------------|----------------|--------------------------|-----------------|-------------------------|

Eisted 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)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

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# **QC Association Summary**

Client: Cedar Corporation Job ID: 500-226264-1

Project/Site: Millis Transfer Richfield

## **GC/MS VOA**

## Analysis Batch: 688607

|   | Lab Sample ID    | Client Sample ID   | Prep Type | Matrix       | Method Pre | p Batch |
|---|------------------|--------------------|-----------|--------------|------------|---------|
|   | 500-226264-1     | MW-1               | Total/NA  | Ground Water | 8260B      |         |
|   | 500-226264-2     | Trip Blank         | Total/NA  | Water        | 8260B      |         |
|   | MB 500-688607/7  | Method Blank       | Total/NA  | Water        | 8260B      |         |
| İ | LCS 500-688607/5 | Lab Control Sample | Total/NA  | Water        | 8260B      |         |

## **Surrogate Summary**

Client: Cedar Corporation Job ID: 500-226264-1

Project/Site: Millis Transfer Richfield

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Ground Water Prep Type: Total/NA

|               |                  |          | Pe       | ercent Surre | ogate Reco | very (Acceptance Limits) |
|---------------|------------------|----------|----------|--------------|------------|--------------------------|
|               |                  | BFB      | DBFM     | DCA          | TOL        |                          |
| Lab Sample ID | Client Sample ID | (72-124) | (75-120) | (75-126)     | (75-120)   |                          |
| 500-226264-1  | MW-1             | 89       | 97       | 88           | 93         |                          |

#### **Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water Prep Type: Total/NA

|                  |                    | Percent Surrogate Recovery (Acceptance Limi |          |          |          |  |  |  |
|------------------|--------------------|---|----------|----------|----------|--|--|--|
|                  |                    | BFB   | DBFM     | DCA      | TOL      |  |  |  |
| Lab Sample ID    | Client Sample ID   | (72-124)                                    | (75-120) | (75-126) | (75-120) |  |  |  |
| 500-226264-2     | Trip Blank         | 89  | 96       | 86       | 91       |  |  |  |
| LCS 500-688607/5 | Lab Control Sample | 88  | 99       | 86       | 92       |  |  |  |
| MB 500-688607/7  | Method Blank       | 91  | 100      | 89       | 93       |  |  |  |
| Surrogate Legend |                    |   |          |          |          |  |  |  |

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

**Eurofins Chicago** 

## **QC Sample Results**

Client: Cedar Corporation Job ID: 500-226264-1

Project/Site: Millis Transfer Richfield

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-688607/7

**Matrix: Water** 

Analysis Batch: 688607

| Client Sa | mple ID: Method Blank |  |
|-----------|-----------------------|--|
|           | Prep Type: Total/NA   |  |

| Timenyone Buttonii eeeee.  |        |           |      |      |      |   |          |                |         |
|--|--------|-----------|------|------|------|---|----------|----------------|---------|
|  | MB     | MB        |      |      |      |   |          |                |         |
| Analyte  | Result | Qualifier | LOQ  | DL   | Unit | D | Prepared | Analyzed       | Dil Fac |
| Benzene  | <0.15  |           | 0.50 | 0.15 | ug/L |   |          | 12/07/22 11:18 | 1       |
| Ethylbenzene   | <0.18  |           | 0.50 | 0.18 | ug/L |   |          | 12/07/22 11:18 | 1       |
| Methyl tert-butyl ether  | <0.39  |           | 1.0  | 0.39 | ug/L |   |          | 12/07/22 11:18 | 1       |
| Naphthalene  | <0.34  |           | 1.0  | 0.34 | ug/L |   |          | 12/07/22 11:18 | 1       |
| Toluene  | 0.170  | J         | 0.50 | 0.15 | ug/L |   |          | 12/07/22 11:18 | 1       |
| 1,2,4-Trimethylbenzene   | <0.36  |           | 1.0  | 0.36 | ug/L |   |          | 12/07/22 11:18 | 1       |
| 1,3,5-Trimethylbenzene   | <0.25  |           | 1.0  | 0.25 | ug/L |   |          | 12/07/22 11:18 | 1       |
| Xylenes, Total   | <0.22  |           | 1.0  | 0.22 | ug/L |   |          | 12/07/22 11:18 | 1       |
| I and the second se |        |           |      |      |      |   |          |                |         |

MB MB Limits Surrogate %Recovery Qualifier Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 91 72 - 124 12/07/22 11:18 Dibromofluoromethane (Surr) 100 75 - 120 12/07/22 11:18 1,2-Dichloroethane-d4 (Surr) 89 75 - 126 12/07/22 11:18 Toluene-d8 (Surr) 93 75 - 120 12/07/22 11:18

Lab Sample ID: LCS 500-688607/5

**Matrix: Water** 

**Analysis Batch: 688607** 

**Client Sample ID: Lab Control Sample Prep Type: Total/NA** 

| -                       | Spike | LCS    | LCS       |      |   |      | %Rec     |  |
|-------------------------|-------|--------|-----------|------|---|------|----------|--|
| Analyte                 | Added | Result | Qualifier | Unit | D | %Rec | Limits   |  |
| Benzene                 | 50.0  | 43.7   |           | ug/L |   | 87   | 70 - 120 |  |
| Ethylbenzene            | 50.0  | 46.5   |           | ug/L |   | 93   | 70 - 123 |  |
| Methyl tert-butyl ether | 50.0  | 40.2   |           | ug/L |   | 80   | 55 - 123 |  |
| Naphthalene             | 50.0  | 41.5   |           | ug/L |   | 83   | 53 - 144 |  |
| Toluene                 | 50.0  | 44.7   |           | ug/L |   | 89   | 70 - 125 |  |
| 1,2,4-Trimethylbenzene  | 50.0  | 47.5   |           | ug/L |   | 95   | 70 - 123 |  |
| 1,3,5-Trimethylbenzene  | 50.0  | 48.8   |           | ug/L |   | 98   | 70 - 123 |  |
| Xylenes, Total          | 100   | 90.6   |           | ug/L |   | 91   | 70 - 125 |  |

| ı | cs | LCS |
|---|----|-----|
|   |    |     |

| Surrogate                    | %Recovery | Qualifier | Limits   |
|------------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr)  | 88        |           | 72 - 124 |
| Dibromofluoromethane (Surr)  | 99        |           | 75 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 86        |           | 75 - 126 |
| Toluene-d8 (Surr)            | 92        |           | 75 - 120 |

12/14/2022

## Lab Chronicle

Client: Cedar Corporation Job ID: 500-226264-1

Project/Site: Millis Transfer Richfield

Client Sample ID: MW-1 Lab Sample ID: 500-226264-1

Date Collected: 12/02/22 09:00 Matrix: Ground Water
Date Received: 12/03/22 09:35

Batch Batch Dilution Batch Prepared **Prep Type** Method Run **Factor** Number Analyst or Analyzed Type Lab 12/07/22 16:14 Total/NA Analysis 8260B 688607 W1T EET CHI

Client Sample ID: Trip Blank Lab Sample ID: 500-226264-2

Date Collected: 12/02/22 00:00 Matrix: Water

Date Received: 12/03/22 09:35

|           | Batch    | Batch  |     | Dilution | Batch  |         |         | Prepared       |
|-----------|----------|--------|-----|----------|--------|---------|---------|----------------|
| Prep Type | Туре     | Method | Run | Factor   | Number | Analyst | Lab     | or Analyzed    |
| Total/NA  | Analysis | 8260B  |     | 1        | 688607 | W1T     | EET CHI | 12/07/22 12:39 |

**Laboratory References:** 

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

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# **Accreditation/Certification Summary**

Client: Cedar Corporation Job ID: 500-226264-1

Project/Site: Millis Transfer Richfield

## **Laboratory: Eurofins Chicago**

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | <b>Identification Number</b> | <b>Expiration Date</b> |
|-----------|---------|------------------------------|------------------------|
| Wisconsin | State   | 999580010                    | 08-31-23               |

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# **Chain of Custody Record**

638942 seurofins | Environment Testing

|  |                    |   |  |  |                                  |                 |        |            |                |                       |                     |                           |  |                        |                      |  |   |                      | America   | none rooms   |
|--|--------------------|---|--|--|----------------------------------|-----------------|--------|------------|----------------|-----------------------|---------------------|---------------------------|--|------------------------|----------------------|--|---|----------------------|---|--|
|  | Regu               | latory Pro  | ogram [  | _] DW [  | NPDE                             | 5 [             | RCR    | Α []       | Other          |                       |                     |                           |  |                        |                      |  |   |                      |   | TAL-8210   |
| Client Contact   | Project M          | anager (  | Bhie   | ilixa  | Chs                              | 81te            | Cont   | tact       | anne Alexandra | And the second second |                     | Date                      |  | COLUMN TO SERVICE      | ****                 | and Komillinia                               | CONTRACTOR OF THE PARTY OF THE | COC No               | 1   | National Control of the Control of t |
| Company Name (Ldu Corp   | Tel/Email          | ashi  | $x_{i-1}$  | 19he   | हिंग                             | Leb             | Com    | GOY C      | )./c           | m                     |                     | Carr                      | ier  |                        |                      |  |   | of                   | ) co  | )Cs  |
| Address Will N497 Washington Ave   |                    | Analysis 1  | Turharound   | i Time   |                                  | П               | T      |            |                |                       | TO SHARE THE SEASON | TT                        | - Constitution of the Cons |                        |                      |  |   | Sampler <sup>.</sup> | TOTAL PROPERTY OF THE PARTY OF | CHANGE WAS UNCOMED ON THE OWN  |
| City/State/Zip (PAV Var G. W V 53612   | [] CALEN           | DAR DAYS  | wo   | RKING DAY  | /S                               |                 | -      |            |                |                       |                     |                           |  |                        |                      |  |   | For Lab Use Or       | ly  |  |
| Phone 920-36902289   |                    | T if different f  | rom Below  |  |                                  |                 | 3      |            |                |                       |                     |                           |  |                        |                      |  |   | Walk in Client       |   |  |
| Fax  |                    |   | 2 weeks  |  |                                  | z;              | ोर्ड   |            |                |                       | 1                   |                           | 1  |                        |                      |  |   | Lab Sampling         |   | *****  |
| Project Name Mills Transfer  |                    |   | 1 week   |  |                                  | 1717            | ゴラ     |            |                |                       | 60.5                | 44.0                      | :  | ١                      |                      |  |   |                      |   |  |
| Site Richfield   |                    |   | 2 days   |  |                                  | mple (          |        |            |                |                       |                     |                           | Č  |                        |                      |  |   | Job / SDG No         | _ / ~   | 11/  |
| PO#  |                    |   | 1 day  | ed-market  | personal recording to the second | Sam             |        |            |                |                       |                     | L' 3                      | Ś  |                        |                      |  |   | 500-2                | 369   | <u> 64</u>   |
|  |                    |   | Sample<br>Type   |  |                                  | Sp              |        |            |                |                       |                     |                           | -  |                        |                      |  |   |                      |   | •  |
|  | Sample             | Sample  | (C=Comp.   |  | # of                             | Filtered S      | 726    |            |                |                       | 500 2               | 26264                     | COC  |                        |                      |  |   |                      |   |  |
| Sample Identification  | Date               | Time  | G≕Grab)  | Matrix   | and the second                   |                 | 16     |            |                |                       |                     |                           |  |                        |                      |  |   | Sample S             | Specific N  | Votes  |
| MW-1   | 12.2               | 900   | 6  | EW   | 3                                | 4               | ıΧ     |            |                |                       |                     |                           |  |                        |                      |  |   |                      |   |  |
| TRIPBIANK  |                    |   |  | DI   | Ī                                | N               | ン      |            |                | 11                    |                     |                           |  |                        | OR                   | PVC  | a   | red                  |   |  |
| IRIPOLITIE   |                    |   | <del></del>  | 107  |                                  | ŀŀ              | 1      | _          | $\vdash$       | +                     |                     | +-+                       |  | $\vdash \vdash$        | -                    | +  | $\vdash$  |                      |   |  |
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|  |                    |   |  |  |                                  |                 |        |            |                |                       |                     |                           |  |                        |                      |  |   |                      |   |  |
| Preservation Used: 1= ice, 2= HCl; 3= H2SO4; 4=HNO3;   | 5=NaOH; (          | 3= Other _  |  | -  |                                  |                 | D      |            |                |                       |                     |                           |  |                        |                      |  |   |                      |   |  |
| Possible Hazard Identification Are any samples from a listed EPA Hazardous Waste? Pleas  | e List any E       | EPA Waste   | Codes for  | the samp   | ole in the                       |                 | ample  | e Dispo    | osal ( /       | A fee n               | nay be              | asse:                     | ssed i   | f sam                  | oles a               | re reta                                      | ained   | d longer than 1 m    | onth)   |  |
| Comments Section if the lab is to dispose of the sample  |                    | SECTION PROPERTY AND ADDRESS OF THE PARTY.  | Office of  |  | uLphanory (Kilabika)             | -               |        |            |                | ,                     | 1                   |                           |  |                        |                      |  |   |                      |   |  |
| Non-Hazard Flammable Skin Irritant   | Poison             | В   | Unkno  | own  | cons arbitativa sala             |                 | ∏ R    | eturn to ( | Client         |                       | 150                 | isposal t                 | oy Lab   | i veniment al l'allien | <i>P</i>             | Archive                                      | for   | Months               | 27124 COMPO COMPO COMPO   |  |
| Special Instructions/QC Requirements & Comments  |                    |   |  |  |                                  |                 |        |            |                |                       | 7                   |                           |  |                        |                      |  |   |                      |   |  |
|  |                    |   |  |  |                                  |                 |        |            |                |                       |                     | •                         | 2 a  | i                      |                      | <i>¥                                    </i> |   |                      |   |  |
| Custody Seals Intact   | Custody S          | eal No  | , throatelites recommended account   | COLUMN TO COMPANY TO COLUMN TO COLUM | _                                | NO              |        |            | oler Te        | mp (°                 | C) Ob               | ع_s'd                     | 201  | Cor                    | r'd                  | 70   |   | Therm ID No          |   |  |
| Relinguished by All All All All All All All All All Al   | Company            | CONTRACTOR OF THE PARTY OF THE |  | Date/Tir   | ne Ju                            | \$              | eceive | ed by      | 5              | >                     |                     | Marine v ressource        | Cor  | ppany<br>_Un           | $\overline{\Lambda}$ |  |   | Date/Time            | ~   | X . I . A  |
| Deliver with the second | CCC                | <u> </u>  | Territorio ha Moderne escata de la constitución de la constitución de la constitución de la constitución de la | JUL  | 160                              |                 | مر     | od bii     |                | <u> </u>              |                     |                           |  |                        | M. TE                | <u>15</u>                                    |   | Date/Time            |   | 1.45   |
| Relinquished by  | Company<br>Eu roti | ١ĸ<   | 17.77  | Date/Tir   | ne<br>7 <i>0</i> 0               |                 | eceive | u by<br>م  |                |                       | Λ                   |                           | Cor  | npany                  |                      |  |   | Date/Time            |   |  |
| Relinquished by  | Company            |   |  | Date/Tir   | me                               | R               | eceive | ed in Le   | oprate         |                       | LAR                 | AA                        | Con  | праву                  | 3/1                  | 1  |   | Date/Time            | Λ   | 935  |

## **Login Sample Receipt Checklist**

Client: Cedar Corporation Job Number: 500-226264-1

Login Number: 226264 List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

| Creator: Scott, Snerri L   |        |         |
|--|--------|---------|
| Question   | Answer | Comment |
| Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td> | 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   | 3.0     |
| 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").                            | True   |         |
| Multiphasic samples are not present.   | True   |         |
| Samples do not require splitting or compositing.   | True   |         |
| Residual Chlorine Checked.   | N/A    |         |
|  |        |         |

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Notification form for Hazardous Substance Discharge (4400-225)

**Date Submitted:** 

03/08/2023

Notice: Hazardous substance discharges must be reported immediately according to Wis. Stat. § 292.11. Non-emergency hazardous substance discharges may be reported by submitting this online form, calling the Department or visiting an office in person. Under Wis. Stat. § 292.99, the penalty for violating the reporting requirement of Wis. Stat. ch. 292 shall be no less than \$10 nor more than \$5,000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (Wis. Stat. § 19.31 - 19.39). Submitting the notification as part of a Phase 1 or Phase 2 environment assessment report is not considered immediate notification under Wis. Stat. ch. 292.

#### **Reporter Information:**

Name: Ashley Wagner Company: Cedar Corp

Address: W61 N497 Washington Avenue, Cedarburg, WI, 53012 Phone: 4144105206

Email: ashley.wagner@cedarcorp.com

#### Site Information:

**Address Description:** 

Site Name: Millis Transfer - Richfield

Address: 3001 Holy Hill Rd, Richfield, WI, 53076

. .

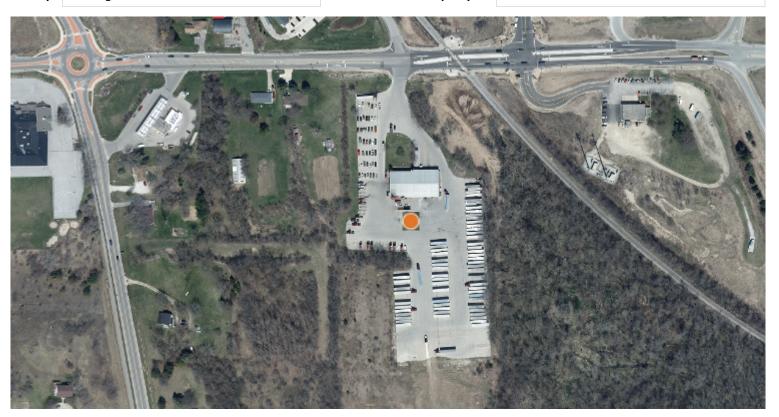
Not Applicable

Coordinates, County and municipality where contamination was found on the property

**Coordinates: WTM** 667175 310101 **Lat/Long** 43.24935 -88.18703

What does the coordinate location represent? Contamination source (preferred)

County: Washington Municipality: Richfield



#### Responsible Party (RP):

| Company Name    | Full Name | Address                                  | Email                             | Phone Number |
|-----------------|-----------|--|-----------------------------------|--------------|
| Millis Transfer |           | PO Box 550, Black River Falls, WI, 54615 | dan.millis@millistransfe<br>r.com | 7152844384   |

#### **Contact Person:**

Representing the Responsible Party, Business or Property Owner

**Contact Person Information:** Same as Contact Reporting Discharge

| Company Name | Full Name     | Address   | Email                           | Phone Number |
|--------------|---------------|---|---------------------------------|--------------|
| Cedar Corp   | Ashley Wagner | W61 N497 Washington Avenue,<br>Cedarburg, WI, 53012 | ashley.wagner@cedarcor<br>p.com | 4144105206   |

#### **Hazardous Substance Information**

#### Type of Discharge:

Aboveground Petroleum Storage Tank System

#### Contamination was discovered as a result of:

Tank Closure Assessment - 6/3/2022

#### **Hazardous Substance Discharged:**

Diesel

VOC - Other (Specify)

VOC Other Comments: Trimethylbenzene

#### Impacts to the Environment

#### Impacts to the Environment Information:

Soil Contamination

#### Lab Results and other Info

Lab results or Report: Lab results or report are attached

Additional documentation: Submit request for No Action Required (NAR) determination under Wis. Admin. Code s. NR 716.05 - Letter

requested (General liability clarification letter under Wis. Stat. s. 292.55) - Include Form 4400-237 (\$700)

**Document Type:** Technical Assistance and Environmental Liability Clarification Request Form (Form 4400-237) - [Document has

been revised since originally submitted]

Payment type:Mail CheckPayment Amount:700

**Additional Comments:** Fee of \$700 has already been paid.

#### If you have questions please contact:

| JENNIFER MEYER                |
|-------------------------------|
| jennifer.meyer1@wisconsin.gov |
| (608) 219-2205                |

TR-WM-140 (4/22) Formerly ERS-8951



Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures P.O. Box 7837, Madison, WI 53707-7837 (608) 224-4942

| _ | FC | OR O | FFICE | USE C | NLY | _ | _ |
|---|----|------|-------|-------|-----|---|---|
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|   |    |      |       |       |     |   |   |
|   |    |      |       |       |     |   |   |

Wis. Admin. Code §ATCP 93.560

# TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

|  |  |   | biab i  | as adding  | Illy collected (  | 15 04(1)(m) Wis.  | Stats.).  |  |
|--|--|---|---|--|---|---|---|--|
| ride may be used f   | for purposes other   | than that fo  | r wnich i   | was origina  | lly collected (s  | 3. 10.04(1)(11) 1110.   |   |  |
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|  |  |   | HE 'N/A   | BOX  |   |   |   |  |
| RGROUND [  | _ ABOVEGRO   | UND   |   |  |   |   |   |  |
| by contractor  | performing rep   | pair or clo   | sure  |  |   |   |   |  |
| A STATE OF THE PARTY OF THE PAR |  | THE RESERVED TO SERVED TO |   |  |   |   |   |  |
| m being serviced if  | f a repair, upgrade  | or change-  | in-service  | is being pe  | rformed   |   |   |  |
| ☐ Piping ☐ T   | ransition/containm   | nent sump   | ☐ Spi   | l bucket   | ☐ Dispense  | r   |   |  |
|  |  |   |   |  |   |   | 1.  |  |
| THE END STIME  | ada da  |   | 1000 (10  | 武 100  | · Su  | and the first of a  | 64 36   | 2 11.794   |
| 412663   |  | 1   |   | mark.  | 15.00.00  |   |   |  |
|  |  |   |   |  |   | E   | The second second   | ZIP<br>54615   |
|  |  |   | BL  | ACK RIVER  | FALLS   |   | VVI   | 54015  |
|  | 10.10  | - 1   |   | E-MAIL   |   | *   | * 1   | Y  |
| Kind that NY   | ya, da ya  | 9 2   | ale in  | die -  | 9   | 1 76 1 20   | 4 1 1 1 1 1 1   | 1 1 10 10  |
|  |  |   |   |  | ar ar   |   |   |  |
|  |  |   |   | CITY   TO  | VN 🛭 VILLAG   | E   | STATE   | ZIP  |
|  |  |   | RIC   | HFIELD   |   |   | WI  | 53076  |
| RMATION  | 1 1 1 1 1 1 1 1  | 147/2   | 10 10   | 16. 18   | Trans. A  | 7 3 3   | 1   | 11/1/20  |
| OR Section A Above   |  |   |   | NTRACTOR C   | ERT ID#   | TELEPHONE:<br>(715) 831 - 8484  | 100000000000000000000000000000000000000                                       | 79 - 8324  |
|  |  |   |   |  | VN VILLAG   | E   | STATE   | ZIP<br>54702   |
| Complete for all s   | ervice activities  |   |   |  | 7   |   |   | Tree Carrier   |
|  |  |   |   | f  | q   |   | h   |  |
|  | 10 M 15  | W.  | for a   |  |   | em If "Yes" to  | "g", Then Sp  | ecify Source   |
|  |  | Tank  |   |  |   |   | Cause of Re   | ease*  |
| of Construction  | of Construction  | (gallons)   | Cont  |  |   | Charles and the second | elease <sup>3</sup> Cau   | se of Release <sup>4</sup>   |
| STEEL  | FRP  | 15000   | DL  |  | ☐ Yes 🏚N  | lo  |   |  |
| 120 3 1 3  | a  | e friends   | ***   | 116  | ☐ Yes ☐ N   | lo  |   |  |
| a de   |  |   |   |  | ☐ Yes ☐ N   | lo  |   |  |
| 1880 1081 III I  | 5 761  | 3   | 4   |  | ☐ Yes ☐ N   | lo  | 15  | H III  |
| 1.   |  | - Me.   |   |  | ☐ Yes ☐ N   | lo  |   |  |
| St   | 14 (14)  | 40 M  |   |  | ☐ Yes ☐ N   | lo  |   |  |
| CA C IN D  |  |   | 4   |  |   |   |   |  |
|  | OS = Temporarily   | Out-of-Ser  | vice, CIF   | = Closure  | n-Place   |   |   |  |
| P = Permanent, T   |  | · · · · · · · · · · · · · · · · · · ·   |   |  |   | H = Gasobol AF =  | = Aviation Fu   | el K=  |
| P = Permanent, T   | Leaded Gasoline  | e, UG = Un  | leaded G  | asoline, FC  | = Fuel Oil, G   | GH = Gasohol, AF =<br>este, OC = Other C  |   |  |
| P = Permanent, T   | Leaded Gasoline  | e, UG = Un  | leaded G  | asoline, FC  | = Fuel Oil, G   |   |   |  |
| P = Permanent, T   | Leaded Gasoline  | e, UG = Un  | leaded G  | asoline, FC  | = Fuel Oil, G   |   |   |  |
| P = Permanent, T<br>DL = Diesel, LG =<br>, WO = Waste/Use  | = Leaded Gasoline<br>ed Motor Oil, FCh   | e, UG = Un<br>HZW = Flam  | leaded G  | asoline, FC  | = Fuel Oil, G<br>Hazardous Wa   |   | hemical (ind  | cate the   |
| P = Permanent, T DL = Diesel, LG = , WO = Waste/Use  | = Leaded Gasoline<br>ed Motor Oil, FCh<br>= dispenser, STI   | e, UG = Un<br>HZW = Flam<br>P = submers   | leaded G<br>mable/C   | asoline, FC<br>ombustible i  | = Fuel Oil, G<br>Hazardous Wa   | iste, OC = Other C  | hemical (ind  | cate the   |
|  | Each System Seron FORM THAT De REGROUND [1 by contractor CLOSURE   Form being serviced if   Piping   Total Telephone   T | Each System Service Event FORM THAT DO NOT APPLY, RGROUND ABOVEGRO  d by contractor performing rep CLOSURE REPAIR/UPGRAD m being serviced if a repair, upgrade Piping Transition/containn  CONTACT NAM CRAIG SCHM  COMPLETE OR SECTION A Above  Complete for all service activities c d  Tank Material of Construction  STEEL FRP   | Fach System Service Event FORM THAT DO NOT APPLY, CHECK TO REGROUND    Substitution   ABOVEGROUND   ABOVEGROUND   ABOVEGROUND | Each System Service Event  FORM THAT DO NOT APPLY, CHECK THE 'N/A'  RGROUND   ABOVEGROUND  If by contractor performing repair or closure  CLOSURE   REPAIR/UPGRADE   CHANGE-IN    In being serviced if a repair, upgrade or change-in-service      Piping   Transition/containment sump   Spil    CONTACT NAME     CRAIG SCHMIDT      CRAIG SCHMIDT      CRAIG SCHMIDT      COMPLETE   SERVICE CON     SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SERVICE CON   SOM   SERVICE CON     SERVICE CON   SOM   SOM | Each System Service Event  FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX  RGROUND | Each System Service Event  FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX  RGROUND   | Each System Service Event FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX RGROUND | FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX  RGROUND   ABOVEGROUND    by contractor performing repair or closure    CLOSURE   REPAIR/UPGRADE   CHANGE-IN-SERVICE   Repair, upgrade or change-in-service is being performed   Dispenser |

Inspector Contractor

Owner

DNR

Part A Distribution: DATCP

| TR-VAA-140 (4/22) Formerly ERS-8951  |            |             |                      |                  |    |
|--|------------|-------------|----------------------|------------------|----|
| CLOSURES (Check applicable box at right in response to all statements in section D)  |            |             |                      |                  |    |
| Written notification was provided to the local agent 5 days in advance of closure date.   Yes No   |            |             |                      |                  |    |
| All local permits were obtained before beginning closure.   Yes No NA  |            |             |                      |                  |    |
| ☑ UST Form TR-WM-137 or ☐ AST Form TR-WM-118 filed by owner with the DATCP indicating close  |            |             | ☐ No                 | □ NA             |    |
| NOTE: TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUB-<br>WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST                            | MITTE      | D           |                      |                  |    |
| D. CLOSURE BY REMOVAL OR IN-PLACE  |            |             |                      |                  |    |
| 1. General Requirements  | 7.6        | mover       | Inspecto<br>Verified |                  | NA |
| Product from piping drained into tank (or other container).  | Ø Y        | □ N         | OY D                 | N 🗆              |    |
| b. Piping disconnected from tank and removed.  | ■ Y        | □ N         | er o                 |                  |    |
| c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps prior to<br>removing tank from excavation.                                 | <b>3</b> Y |             | <b>e</b> √ □         |                  |    |
| d. All pump motors and suction hoses bonded to tank or otherwise grounded.   | ďΥ         | □N          | QY. 0                | N 🗆              |    |
| e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures   | DY         | □ N         | BY. D                |                  |    |
| f. Vent lines left connected until tanks purged.   | 10 Y       | □N          | QY.D                 |                  |    |
| g. Tank openings temporarily plugged so vapors exit through vent.  | DY         | □ N         | QY D                 |                  |    |
| h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.  | DY         | □N          | DY D                 |                  |    |
| 2. Specific Closure-by-Removal Requirements  | ш.         |             |                      |                  |    |
| Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.   | TY         | □N          | <b>@</b> √ □         | N 🗆              |    |
| b. Tank cleaned before being removed from site.  | HY         | □N          | DY D                 | N 🗆              |    |
| c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.   | 10 Y       | □ N         | DY D                 | N 🗆              |    |
| NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CON-<br>VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL                |            |             |                      |                  |    |
| d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.   | DY         | □N          | 0Y.01                | N 🗆              |    |
| e. Site security is provided while the excavation is open.   | Y          | □N          | DY DI                | N 🗆              |    |
| 3. Specific Closure-In-Place Requirements  | -          |             |                      |                  |    |
| NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR              | LOCAL      | L AGEN      | т.                   |                  |    |
| Tank properly cleaned to remove all sludge and residue.  | □ Y        |             |                      | N 🗆              | T) |
| <ul> <li>b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.</li> </ul>                                   |            |             |                      | N 🗆              | 1  |
| c. Vent line disconnected or removed.  | □ Y        |             | OY O                 | N 🗆              | P  |
| Inventory form filed by owner with DATCP indicating closure in-place.  | ΠY         | □N          | OY DI                | N 🗆              | 1  |
| E. REPAIR, UPGRADE OR CHANGE-IN-SERVICE  |            |             | . 1                  |                  |    |
| Written notification was provided to the local agent 5 days in advance of service date.  | □ Y        |             | MA NA                |                  |    |
| All local permits were obtained before beginning service.  | □ Y        | $\square$ N | MA MA                |                  |    |
| Form TR-WM-137 or 0 TR-WM-118 filed by owner with DATCP indicating change-in-service.  | ΠY         | $\square$ N | MA NA                |                  |    |
| F. METHOD OF VAPOR FREEING OF TANK   |            |             |                      |                  |    |
| □ Displacement of vapors by eductor or diffused air blower. Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 1 | 2 feet a   | above gr    | round.               |                  |    |
| ☐ Inert gas using dry ice or liquid carbon dioxide.  |            |             |                      |                  |    |
| ☐ Inert gas using CO2 or N2 NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOS.  ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS                               |            |             |                      |                  | ON |
| Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank op   | posite     | the vent    | L                    |                  |    |
| Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing de-   | vice gro   | ounded.     |                      |                  |    |
| ■ Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing  | ng tank    | from g      | round.               |                  |    |
| Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning a   | and cut    | ting.       |                      |                  |    |
| Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to chebottom, middle and upper portion of tank.                    | necking    | atmosp      | here. Tank           | space monitored  | at |
| TR-WM-140 (4/22) Formerly ERS-8951   |            |             |                      |                  |    |
| G. REMOVER/CLEANER INFORMATION   |            |             |                      |                  |    |
| Sustin Palacin Only 40   | 15         | 18          |                      | 6-3-2            | 2  |
| REMOVER/CLEANER NAME (PRINT): REMOVER/CLEANER SIGNATURE CERTIFIC   | CATION     | #           | DA                   | ATE TANK REMOVED |    |
| attest that the procedures and information which I have provided as the tank closure contractor are correct  |            | 7210        |                      |                  |    |
| Company expected to perform soil contamination assessment CEDAN CORP   |            | 401         | 1889                 |                  |    |
|  |            |             |                      |                  |    |

| H. INSPECTOR INFORMATION  |                                     |                                  |
|---|-------------------------------------|----------------------------------|
| Jason Karczewski Mungush INSPECTOR NAME (PRINT): INSPECTOR SIGNATURE) | 168444<br>INSPECTOR CERTIFICATION # | DATCP<br>LPO AGENCY/COMPANY NAME |
| 6610 Richfield  | (262) 307-6440                      | 6/3/22                           |
| FDID # FOR LOCATION WHERE INSPECTION PERFORMED INSPECTOR NOTES:       | INSPECTOR TELEPHONE:NUMBER          | DATE SIGNED                      |

TR-WM-140 (4/22) Formerly ERS-8951

#### Part B - To be completed by environmental professional - Submit original Part B to the WDNR along with a copy of Part A

| I. TANK-SYSTEM SITE ASSESSMENT (T                                  | SSA)   |  |                    |         |          |
|--|--|--|--------------------|---------|----------|
| SITE NAME - Note: SITE NAME and addre                              | ss MUST MATCH with Part A Section 1.                                     |  |                    |         |          |
| Millis Transfer LLC  |  |  |                    |         |          |
| SITE ADDRESS (Not PO Box)  |  | ☐ CITY ☐ TOWN ☐ VILLAGE                  |                    | STATE   |          |
| 3001 State HWY 167   |  | Richfield                                |                    | WI      | 53076    |
| •  | e ATCP 93 and section II part B of ASSE<br>EGROUND STORAGE TANK SYSTEMS. | SSMENT AND REPORTING OF SUSP             | PECTED AND OB      | VIOUS I | RELEASES |
| If a TSSA is required, then follow the p UNDERGROUND AND ABOVEGROU | rocedures detailed in <i>ASSESSMENT AN</i><br>ND STORAGE TANK SYSTEMS    | D REPORTING OF SUSPECTED AND             | O OBVIOUS RELE     | EASES F | ROM      |
| 1. Site Information  |  |  |                    |         |          |
| a. Has there been a previously do                                  | cumented release at this site? ☐ γ 🕟                                     | 1 N                                      |                    |         |          |
| If yes, provide the DATCP #  |  | or DNR BRRT's #                          |                    |         |          |
|  | y prior to completion of current services:                               |  | ASTs 0             |         |          |
|  | y closed systems or system components                                    |  |                    |         |          |
| ,  | in feet). (Photos must be provided.)                                     | ,  |                    |         |          |
| c. Executation at the first time for the (                         | in recty. (i ricted made 20 provided.)                                   |  |                    |         |          |
| EXCAVATION/TRENCH #  | LENGTH   | WIDTH                                    | DEPTH              |         |          |
| Tank Bed   | 34   | 17                                       | 12                 |         |          |
| Piping   | 24   | 4  | 3                  |         |          |
|  |  |  |                    |         |          |
|  |  |  |                    |         |          |
|  |  |  |                    |         |          |
|  |  |  |                    |         |          |
|  |  |  |                    |         |          |
| •  | ion (Photos must be provided for "Yes                                    | s" responses, except item b.)            |                    |         |          |
| Do any of the following conditions exist                           | in or about the excavation(s)?   |  |                    |         |          |
| a. Stained soils:  | b. Petroleum odor: 🛛 Yes 🔲 N   | o c. Water In excavation/trench          | : ⊠ Yes □ No       | )       |          |
| d. Free product in the excavation/t                                | rench: ☐ Yes ☒ No e. Shee  | n or free product on water:              | ⊠ No               |         |          |
| 3. Geology/Hydrogeology  |  | ·  |                    |         |          |
| a. Depth to groundwater 13   | feet b. Indicate   | ate type of geology² Silty sand          |                    |         |          |
| 4. Receptors   |  |  |                    |         |          |
| a. Water supply well(s) within 250                                 | feet of the facility?   ☐ Yes ☐ No I                                     | f yes, specify: Potable well on site, sp | ecific location un | known   |          |
| b. Surface water(s) within 1000 fee                                | et of the facility? 🗌 Yes 🛮 No 🛮 If ye                                   | s, specify:                              |                    |         |          |
| 5. Sampling  |  |  |                    |         |          |
| a. Follow the procedures detailed<br>ABOVEGROUND STORAGE T.        | in ASSESSMENT AND REPORTING OF<br>ANK SYSTEMS.                           | SUSPECTED AND OBVIOUS RELEA              | ASES FROM UND      | ERGRO   | UND AND  |
|  | propriate. (Attach chain-of-custody and I                                | aboratory analytical reports.)           |                    |         |          |
| c. Attach a detailed map of site fea                               |  | ,,,                                      |                    |         |          |
| <u>'</u>   | •  |  |                    |         |          |

#### J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Groundwater was encountered in the bottom of the excavation. No base samples were collected. Sidewall samples were collected approximately 12 feet below ground surface, just above the water table. Soil samples S-1 and S-12 had elevated PID readings. The western tank wall was approximately 8 feet from the master pump. Soil sample S-1 was collected approximately 3 feet below the master pump. Soil sample S-12 was collected from the west side wall at approximately 12 feet. Sample S-12 acts as a confirmation sample from beneath soil sample S-1. 1,2,4-Trimethylbenzene was detected in the trip blank at 32J micrograms per kilogram, the result was detected between the laboratory limit of detection and the limit of quantification.

#### TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

| Soil/Geologi | Sample Location &                   | S           | ample Colle    | ction Meth     | od             | Depth Below        | Field Screening | GRO     | DRO     |
|--------------|-------------------------------------|-------------|----------------|----------------|----------------|--------------------|-----------------|---------|---------|
|              | Soil/Geologic Description           | Grab        | Shelby<br>Tube | Direct<br>Push | Split<br>Spoon | Tank/Piping (feet) | Result (ppm)    | (mg/kg) | (mg/kg) |
| S-1          | East master piping / Silty sand     | $\boxtimes$ |                |                |                | -3                 | 130.4           |         |         |
| S-2          | South satellite piping / Silty sand | $\boxtimes$ |                |                |                | -3                 | 0.7             |         |         |
| S-3          | West master piping / Silty sand     | $\boxtimes$ |                |                |                | -3                 | 0.2             |         |         |
| S-4          | North satellite piping / Silty sand | $\boxtimes$ |                |                |                | -3                 | 0.2             |         |         |
| S-5          | Southwest wall / Silty sand         | $\boxtimes$ |                |                |                | -12                | 0.4             |         |         |
| S-6          | South wall / Silty sand             | $\boxtimes$ |                |                |                | -12                | 0.3             |         |         |
| S-7          | Southeast wall / Silty sand         | $\boxtimes$ |                |                |                | -12                | 0.2             |         |         |
| S-8          | Northwest wall / Silty sand         | $\boxtimes$ |                |                |                | -12                | 0.4             |         |         |
| S-9          | North wall / Silty sand             | $\boxtimes$ |                |                |                | -12                | 0.5             |         |         |
| S-10         | Northeast wall / Silty sand         | $\boxtimes$ |                |                |                | -12                | 1.0             |         |         |
| S-11         | East wall / Silty sand              | $\boxtimes$ |                |                |                | -12                | 1.4             |         |         |
| S-12         | West wall / Silty sand              | $\boxtimes$ |                |                |                | -12                | 171.1           |         |         |
|              |                                     |             |                |                |                |                    |                 |         |         |
|              |                                     |             |                |                |                |                    |                 |         |         |

#### TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

| Sample ID # | BENZENE | TOLUENE | ETHYLBENZENE | MTBE  | TRIMETHYL -<br>BENZENES<br>(TOTAL) | XYLENES (TOTAL) | NAPHTHALENE |
|-------------|---------|---------|--------------|-------|------------------------------------|-----------------|-------------|
|             | ug/kg   | ug/kg   | ug/kg        | ug/kg | ug/kg                              | ug/kg           | ug/kg       |
| S-1         | <17     | <17     | 670          | <45   | 8,200                              | 3,300           | <38         |
| S-2         | <8.5    | <8.5    | <11          | <23   | <22                                | <13             | <19         |
| S-3         | <8.6    | <8.6    | <11          | <23   | <22                                | <13             | <20         |
| S-4         | <8.6    | <8.6    | <11          | <23   | <22                                | <13             | <20         |
| S-5         | <8.6    | <8.7    | <11          | <23   | <22                                | <13             | <20         |
| S-6         | <8.4    | <8.5    | <11          | <23   | <22                                | <13             | <19         |
| S-7         | <8.6    | <8.6    | <11          | <23   | <22                                | <13             | <20         |
| S-8         | <8.5    | <8.5    | <11          | <23   | <22                                | <13             | <19         |
| S-9         | <8.9    | <8.9    | <11          | <24   | <23                                | <13             | <20         |
| S-10        | <8.7    | <8.8    | <11          | <24   | <23                                | <13             | <20         |
| S-11        | <8.8    | <8.9    | <11          | <24   | <23                                | <13             | <20         |
| S-12        | <8.6    | 12JB    | 1,100        | <23   | 12,500                             | 3,100           | <20         |
| Trip Blank  | <7.3    | <7.4    | <9.2         | <20   | 32J                                | <11             | <17         |
|             | _       |         |              |       |                                    |                 | _           |

## K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

| As a tank-system site assessor certified under Wis. Ad regulated substance to the environment.                      | min. Code section ATCP 93.240, it is m | y opinion that there is no indication of a release of a |
|---|--|---|
| Sampling at the site indicates there has been a release section 292.11 (2) (a), the owner or operator or contractor |  | ( ) ( )   |
| substance to the Wisconsin Department of Natural Resource each violation under Wis. Stats. Section 168.26 (5). Each | ,                                      | ·   |
| Quin Lenz   | 2.15                                   | 494047  |

TANK-SYSTEM SITE ASSESSOR NAME (PRINT): TANK-SYSTEM SITE ASSESSOR SIGNATURE CERTIFICATION NO.

(920) 491 - 9081 6/20/2022 Cedar Corporation

TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER DATE SIGNED COMPANY NAME



Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures

PO Box 7837 Madison, WI 53707-7837

(608) 224-4942

Wis. Admin. Code §ATCP 93.140

FOR OFFICE USE ONLY

## UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered.

A separate form is needed for each tank. Send each completed form to the agency designated above.

| This registration applies to a  tank piping status that   |  |  | s change: 6/3/2022   |  |   |  |             |  |
|---|--|--|--|--|---|--|-------------|--|
| ☐ In Use  | ☐ Abandoned with Wate  |  | ☐ Abandoned wit  | th Product   |   |  |             |  |
| ☐ Newly Installed   | ☑ Closed - Removed   |  | ☐ Abandoned wit  | thout Product (empt  | y)  |  |             |  |
| ☐ Temporarily Out of Service – Provide Date:  | ☐ Closed - Filled with In  | ert Materials  | ☐ Change of Site   | /Facility Address O  | nly (complete   | boxes 1.a.   | and b. belo | w)   |
| Ownership Change (Indicate new owner name in box 2  | attach deed)   |  |  |  |   |  |             |  |
| IDENTIFICATION (Please Print)   | The state of   | 41.4   |  | The second   | 111   | 111  | 10 (3)41    | 1,0  |
| 1. TANK SITE NAME   |  |  | COUNTY   |  | PHONE   |  |             |  |
| MILLIS TRANSFER INC   |  |  | WASHINGTO  |  |   | T  | T===        |  |
| a. CURRENT SITE STREET ADDRESS  |  |  |  | AGE TOWN   | OF:   | STATE  | ZIP         |  |
| 3001 STATE RD 167 W   |  |  | RICHFIELD  |  |   | WI   | 53076       |  |
| b. PREVIOUS SITE STREET ADDRESS   |  |  | CITY LIVILL  | AGE TOWN   | DF:   | STATE  | ZIP         |  |
| Fire Dept. providing fire coverage where tank is located:   | CITY TOWN VI   | LLAGE of: RIC  | HFIELD #6610   |  |   |  |             | 0  |
| 2. TANK OWNER LEGAL NAME  |  |  | COUNTY   |  | PHONE: CI   | heck C   | ELL or 🗆 L  | AND  |
| MILLIS TRANSFER INC   |  |  | JACKSON  |  | (715) 299   | 9 - 2319   |             |  |
| MAILING ADDRESS   |  |  | CITY VILL  | AGE TOWN   | OF:   | STATE  | ZIP         |  |
| P.O. BOX 550  |  |  | BLACK RIVER  | RFALLS   |   | WI   | 54615       |  |
| 3. PROPERTY OWNER NAME (if different from Tank Owner  | Legal Name #2)   |  | COUNTY (if differen  | ent from County #2)  |   |  |             |  |
| PROPERTY OWNER ADDRESS (if different from Site Stre   | et Address #1)   |  | CITY VILL  | AGE TOWN   | OF;   | STATE  | ZIP         |  |
| A CLASS A MANE  | Tana   |  |  |  |   |  |             | - 5  |
| 4. CLASS A NAME   | DOB  |  |  | CERTIFICATION:   | (Attach certif  | icate)   |             | ling.  |
| 5. CLASS B NAME   | DOB  | 1  | U  | CERTIFICATION:   | (Attach certif  | icate)   |             |  |
|   |  |  |  |  |   |  |             |  |
| SITE ID:  | <b>FACILITY ID # 412663</b>  |  |  | CUSTOMER ID#   |   |  |             |  |
|   | FACILITY ID # 412663  Tank Age (age or date in   | nstalled):   |  | CUSTOMER ID#   | Vehicle fueli   | ng: 🛛 Ye   | s 🗆 No      |  |
| Tank Capacity (gallons): 15000  | Tank Age (age or date in   |  | al Owned   |  | Vehicle fueli   | _  |             |  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): County  | Tank Age (age or date in   |  | al Owned  Tribal   |  | Vehicle fueli   | _  |             |  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): ☐ County  OCCUPANCY TYPE (check one) Refer to back  | Tank Age (age or date in ☐ State ☐ Federal Lea   |  | al Owned   |  | Vehicle fueli   | Governme   |             | ate 🧷  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): ☐ County  OCCUPANCY TYPE (check one) Refer to back  ☐ Retail Fuel Sales ☐ Mercantile/Commercial ☐  ☐ Agricultural (crop or livestock production) ☐ Utility  | Tank Age (age or date in ☐ State ☐ Federal Lea   | rminal Storage   | The state of the s | Nation ☐ Municip   | Vehicle fueli   | Governme   | ent 🛭 Priva | ate 🧷  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): ☐ County  OCCUPANCY TYPE (check one) Refer to back  ☐ Retail Fuel Sales ☐ Mercantile/Commercial ☐  ☐ Agricultural (crop or livestock production) ☐ Utility  TANK CONSTRUCTION:  | Tank Age (age or date in  State ☐ Federal Lea  Bulk Storage ☐ Te ☐ Backup or Emergen   | rminal Storage   | ☐ Industrial   | Nation Municip Residential y):   | Vehicle fueli pal  Other School   | Governme Governme  | ent 🛛 Priva | et et  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): ☐ County  OCCUPANCY TYPE (check one) Refer to back  ☐ Retail Fuel Sales ☐ Mercantile/Commercial ☐  ☐ Agricultural (crop or livestock production) ☐ Utility  TANK CONSTRUCTION:  ☐ Bare Steel ☐ Coated Steel ☐ Steel — Fiberg  | Tank Age (age or date in State   Federal Lea   | rminal Storage   | ☐ Industrial☐ Other (specif  | Nation Municip Residential y):   | Vehicle fueli pal   | Governme Governme  | ent 🖾 Priva | et No  |
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| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): County  OCCUPANCY TYPE (check one) Refer to back  Retail Fuel Sales Mercantile/Commercial Maricultural (crop or livestock production) Utility  TANK CONSTRUCTION:  Bare Steel Coated Steel Steel Steel Fiberg  Fiberglass Unknown Other (specify  TANK CATHODIC PROTECTION: Sacrificial Anox  | Tank Age (age or date in State   Federal Lea   Bulk Storage   Te   Backup or Emergen   Bass Reinforced Plastic Co  | minal Storage cy Generator  mposite Lined (date  | ☐ Industrial☐ Other (specified):   | Nation   Municip<br>  Residential<br>  Y):<br>  C  | Vehicle fueli pal    Other School Overfill Protect Spill Containm Tank Double V                                     | Governme Governme Governme tion?   | ernment Fle | et No  |
| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): County  OCCUPANCY TYPE (check one) Refer to back Retail Fuel Sales Mercantile/Commercial Agricultural (crop or livestock production) Utility  TANK CONSTRUCTION: Bare Steel Coated Steel Steel Fiberg Fiberglass Unknown Other (specify  TANK CATHODIC PROTECTION: Sacrificial Anox  TANK LEAK DETECTION METHOD: Automatic tank g   | Tank Age (age or date in State   Federal Lea     State   Federal Lea     Bulk Storage   Te     Backup or Emergen     lass Reinforced Plastic Co     ides   Impressed Curr     lauging   Interstitial in  | minal Storage cy Generator  mposite Lined (date  | ☐ Industrial☐ Other (specified):   | Nation   Municip<br>  Residential<br>  Y):<br>  C  | Vehicle fueli pal Other School Overfill Protec Spill Containm   | Governme Governme Governme tion?   | ernment Fle | et No  |
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| Tank Capacity (gallons): 15000  LAND OWNER TYPE (Refer to back; check one): ☐ County  OCCUPANCY TYPE (check one) Refer to back  ☐ Retail Fuel Sales   | Tank Age (age or date in State   | rminal Storage cy Generator  proposite Lined (date rent Nonitoring Deliver Nonitoring Deliver Nonitoring Nonit | ☐ Industrial ☐ Other (specified):   A  | Nation   Municipy   Residential   Resident | Vehicle fueli pal    Other School Overfill Protect Spill Containm Fank Double Vehicle Inventor Uni No chanol blend: | Governme Governme Governme Governme tion? Intent? Intent? Intent? Intent? Intented I | ernment Fle | □ No No  |
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Wisconsin Department of Agriculture, Trade and Consumer Protection Bureau of Weights and Measures

Storage Tank Regulation, PO Box 7837, Madison, WI 53707-7837

Phone: (608) 224-4942

FOR OFFICE USE ONLY

Wis. Admin. Code §ATCP 93.115 §ATCP 93.350

# **ATCP 93 NOTIFICATION RECORD**

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m), Wis. Stats.) OFFICE LOCATION: TO: Darren Leone (Refer to <a href="https://datcp.wi.gov/Pages/Programs">https://datcp.wi.gov/Pages/Programs</a> Services/StorageTankContacts.aspx for a jurisdiction's authorized agent/department.) Note: Only the notification form is required for non-flammable, non-combustible, hazardous liquid, or CERCLA tanks greater than or equal to 5,000 gallon capacity that are under the direct supervision of a qualified engineer. A plan review is not required. (ATCP 93.350(2)(b)). LOCATION / IDENTIFICATION **FACILITY NUMBER** FIRE DEPT. PROVIDING FIRE PROTECTION COVERAGE # 6610 PHONE NUMBER TANK OWNER EMAIL CITY **□**,TOWN **□**VILLAGE rulls PHONE NUMBER **CELL NUMBER** EMAIL ADVANCED TANK SERVICE, INC (715) 831 - 8484 (715) 579 - 8324 molson@adv-tank.com STREET ADDRESS CITY ☐ TOWN ☐ VILLAGE ZIP STATE P.O. BOX 1072 WI 54702 **EAU CLAIRE** ATCP 93 CERTIFIED INSTALLER SUPERVISOR OR QUALIFIED ENGINEER DATE WORK IS TO BEGIN DATE/TIME REQUESTED FOR TANK INSPECTION Justin Peloquin 1=30 pm PROJECT WILL INVOLVE: (Check all that apply) Plan Approval No .: Approval Date: UST AST No. of Tanks | Comments: Tank Installation **Dispenser POS Conversion** Piping Installation or Upgrade Leak Detection Upgrade Spill or Overfill Protection 15K DSL Cathodic Protection or Interior Lining П CERCLA Chemical Tank(s) Only<sup>1</sup> X Tank Closure Alternative Fuel Storage Tank П Installation<sup>2,3,5</sup> (see footnotes below) TSSA: Cedar Conponation Alternative Fuel Storage Tank Conversion<sup>4,5</sup> (see footnotes below) Send Notice to DATCP (see address above). Installation inspection is not required if construction/installation is supervised by a qualified engineer <sup>2</sup>For LPO installations send notice to both the assigned LPO and DATCP General Inspection Inspector. DATCP General Inspection Inspector will be at the final inspection only. Alternative fuel storage tank systems shall not begin operation until the DATCP General Inspection Inspector has granted approval. 3For DATCP installation inspections send notice to only the assigned DATCP Installation Inspector. Alternative fuel storage tank systems shall not begin operation until the DATCP general inspector has granted approval Send notice to only the DATCP General Inspection Inspector. See Conditional Approval letter and Notification email for Installation and general inspector information.

<u>For USTs:</u> If an Owner/Operator intends to begin operation immediately after the final inspection, they shall prepare and submit the documentation listed below at least 15 days prior to the final inspection:

- A TR-WM-137 Underground Flammable/Combustible Liquid Storage Tank Registration.
- · A Wisconsin Operator Training Designation form.
- Affidavit of Financial Responsibility, certificate of insurance, and site schedule of covered locations and storage tanks.



604 Wilson Avenue Menomonie, WI 54751

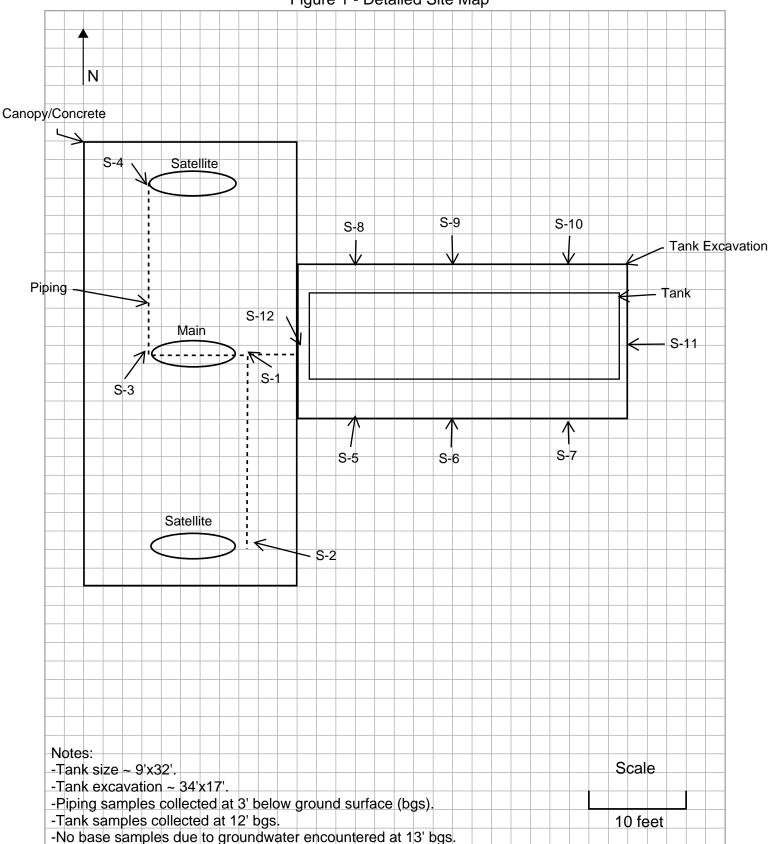
Menomonie, WI 54751

engineeting | architecture | environmental | surveying landscape, architecture | planning | economic development

JOB Millis Transfer LLC

BY QL DATE 6/3/2022

Figure 1 - Detailed Site Map





## **PHOTOGRAPH LOG**

**Client Name:** 

Wisconsin Department of Natural Resources

Site Location:

3001 State Highway 167, Richfield WI

Project No. 00590-0009

Photo No.

**Date:** 6/3/2022

Direction Photo Taken:

Northwest

**Description:** 

View of the tank location prior to removal.



Photo No.

o No. Date: 6/3/2022

Direction Photo Taken:

East

Description:

View of the tank during removal.



**Date:** 6/3/2022

Direction Photo Taken:

Northwest

## **Description:**

15,000-gallon tank removed from the Site.



Photo No.

**Date:** 6/3/2022

Direction Photo Taken:

West

## Description:

Area of the tank excavation.



**Date:** 6/3/2022

Direction Photo Taken:

South

## **Description:**

View of the south sidewall of the tank excavation.



Photo No.

**Date:** 6/3/2022

Direction Photo Taken:

Southwest

## Description:

View of the west sidewall of the tank excavation



**Date:** 6/3/2022

Direction Photo Taken:

Northwest

## **Description:**

View of the north sidewall of the tank excavation.



Photo No.

**Date:** 6/3/2022

Direction Photo Taken:

Northeast

## Description:

View of the east sidewall of the tank excavation.



**Date:** 6/3/2022

**Direction Photo** 

Taken:

North

## **Description:**

View of the pipe excavation running from the main to the northern satellite.



Photo No.

**Date:** 6/3/2022

Direction Photo Taken:

North

## Description:

View of the pipe excavation running from the main to the northern satellite.





# STRAIGHT BILL OF LADING

**GMO-** 4866

| Advance   | ed Tank Service #6497  | Millis Tr  | ansfer  |
|---|--|--|---|
|   | Pick-up 4 drums diese  | I sludge 3001 Ho   | oly Hill Rd   |
|   | East Side of Bldg.   |  | d, WI 53076   |
| Phone number:   |  | O Phone number:  |   |
| ined as indicated be<br>ession of property to<br>ver to another carrie<br>ination, as to each p | below, in apparent good order, except as noted (allow, which said company (the word company be under the contract) agrees to carry to its usual play of route to said destination. It is mutually agree arty at any time interested in all or any of said properties, whether printed or written, herein contained of and his assigns. | ing understood throughout this contra<br>ace of delivery at said destination, if or<br>e, as to each carrier of all or any of sair<br>coperty, that every service to be perfor   | act as meaning any person or corporation in<br>in its own road or its own water line, otherwise<br>id property over all or any portion of said route<br>rmed hereunder shall be subject to all the condi- |
| ute: BEST   | WAY  |  |   |
| livery Carrier:   | ☐ OSI Environmental, Inc.  | US DOT Hazmat Reg  | . Number: MNT 280011586   |
| ernate Carrier:   |  | US DOT Hazmat Reg  | . Number:   |
| mber of   |  |  |   |
| kages HM  | Description of articles  |  | ERG   |
| 1   | RQ, UN1203, Flammable Liquid, N<br>Gasoline for Recycle<br>APPROXIMATE GALLONS:  | I.O.S. 3 PG II   | 128   |
| esignated Facil   | ity OSI ENVIRONMENTAL, 912 TESC  | CHICT WALKESHA WI 531  | 196   |
|   | Specialty Product for Recycle Mineral Oil PG III (NON PCB: APPROXIMATE GALLONS:  |  | 128   |
| esignated Facil   | ity OSI ENVIRONMENTAL, 912 TES(  | CH CT., WAUKESHA, WI 531   | 186   |
|   | Specialty Product for Recycle Mineral Oil PG III (NON PCB: APPROXIMATE GALLONS:  |  | 128   |
| esignated Facil   | ity OSI ENVIRONMENTAL, 912 TESC  | CH CT., WAUKESHA, WI 531   | 86  |
| <u> </u>  | RQ, UN1202, Fuel Oil, Combustible Surplus Fuel for Recycling APPROXIMATE GALLONS: 22   | e Liquid PG III  | LYDGE 128   |
| esignated Facil   | ity OSI ENVIRONMENTAL, 912 TESC  | CH CT., WAUKESHA, WI 531   | 86  |
| is to certify that the al   | pove-named materials are properly classified, described of The Department of Transportation.   | The state of the s |   |
| cards Required  | l: Work  | Placards Supplied:   | NO - Eurnished By Carrier   |
| pper Signature  | BOB Miller   | Carrier Signature:   |   |
| e: 6 13   | 0-22   | Received By. 2011  | 15 Mel Date Cot3  |
| STOMER PRO  | OJECT NUMBER:  |  |   |
| IIT #:  | MAS  | OSI Environmental, I<br>912 Tesch Court  | Inc. 800-732-5667<br>EPA # WIR000147397 WDNR #14740   |

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 732-5667



# **Environment Testing America**

# **ANALYTICAL REPORT**

Eurofins Chicago 2417 Bond Street University Park, IL 60484 Tel: (708)534-5200

Laboratory Job ID: 500-217596-1 Client Project/Site: Richfield Tank Pull

For:

Cedar Corporation 1695 Bellevue Street Green Bay, Wisconsin 54311

Attn: Quin Lenz

Authorized for release by:

Sandie Fredrick, Project Manager II (920)261-1660

Sandra.Fredrick@et.eurofinsus.com

6/20/2022 7:46:03 AM

The Expert

Visit us at: www.eurofinsus.com/Env

----- LINKS -----

Review your project results through

EOL

Have a Question?

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Cedar Corporation Project/Site: Richfield Tank Pull Laboratory Job ID: 500-217596-1

# **Table of Contents**

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### **Case Narrative**

Client: Cedar Corporation
Project/Site: Richfield Tank Pull

Job ID: 500-217596-1

**Laboratory: Eurofins Chicago** 

Narrative

Job Narrative 500-217596-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 6/4/2022 9:15 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 3.6° C.

#### GC/MS VOA

Method 8260B: The following sample was diluted due to the abundance of non-target analytes: S-1 (500-217596-1). 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.

#### Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Job ID: 500-217596-1

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

| Client Sample ID: S-1  |        |           |     |    |       | Lab Sample ID: 50  | ID: 500-217596-1 |  |
|------------------------|--------|-----------|-----|----|-------|--------------------|------------------|--|
| Analyte                | Result | Qualifier | LOQ | DL | Unit  | Dil Fac D Method   | Prep Type        |  |
| Ethylbenzene           | 670    |           | 29  | 21 | ug/Kg | 100 🛱 8260B        | Total/NA         |  |
| 1,2,4-Trimethylbenzene | 5700   |           | 110 | 41 | ug/Kg | 100 ☆ 8260B        | Total/NA         |  |
| 1,3,5-Trimethylbenzene | 2500   |           | 110 |    | ug/Kg | 100 ☆ 8260B        | Total/NA         |  |
| _Xylenes, Total        | 3300   |           | 57  | 25 | ug/Kg | 100 ☆ 8260B        | Total/NA         |  |
| Client Sample ID: S-2  |        |           |     |    |       | Lab Sample ID: 50  | 0-217596-2       |  |
| No Detections.         |        |           |     |    |       |                    |                  |  |
| Client Sample ID: S-3  |        |           |     |    |       | Lab Sample ID: 50  | 0-217596-3       |  |
| No Detections.         |        |           |     |    |       |                    |                  |  |
| Client Sample ID: S-4  |        |           |     |    |       | Lab Sample ID: 50  | 0-217596-4       |  |
| No Detections.         |        |           |     |    |       |                    |                  |  |
| Client Sample ID: S-5  |        |           |     |    |       | Lab Sample ID: 50  | 0-217596-5       |  |
| No Detections.         |        |           |     |    |       |                    |                  |  |
| Client Sample ID: S-6  |        |           |     |    |       | Lab Sample ID: 50  | 0-217596-6       |  |
| No Detections.         |        |           |     |    |       |                    |                  |  |
| Client Sample ID: S-7  |        |           |     |    |       | Lab Sample ID: 50  | 0-217596-7       |  |
| No Detections.         |        |           |     |    |       |                    |                  |  |
| Client Sample ID: S-8  |        |           |     |    |       | Lab Sample ID: 50  | 0-217596-8       |  |
| No Detections.         |        |           |     |    |       |                    |                  |  |
| Client Sample ID: S-9  |        |           |     |    |       | Lab Sample ID: 50  | 0-217596-9       |  |
| No Detections.         |        |           |     |    |       |                    |                  |  |
| Client Sample ID: S-10 |        |           |     |    |       | Lab Sample ID: 500 | -217596-10       |  |
| No Detections.         |        |           |     |    |       |                    |                  |  |
| Client Sample ID: S-11 |        |           |     |    |       | Lab Sample ID: 500 | -217596-11       |  |
| No Detections.         |        |           |     |    |       |                    |                  |  |
| Client Sample ID: S-12 |        |           |     |    |       | Lab Sample ID: 500 | -217596-12       |  |
| Analyte                | Result | Qualifier | LOQ | DL | Unit  | Dil Fac D Method   | Prep Type        |  |
| Ethylbenzene           | 1100   |           | 15  | 11 | ug/Kg | 50 ☆ 8260B         | Total/NA         |  |
| Toluene                | 12     | JB        | 15  |    | ug/Kg | 50 ⇔ 8260B         | Total/NA         |  |
| 1,2,4-Trimethylbenzene | 9400   |           | 59  |    | ug/Kg | 50 ☆ 8260B         | Total/NA         |  |
| 1,3,5-Trimethylbenzene | 3100   |           | 59  | 23 | ug/Kg | 50 ☆ 8260B         | Total/NA         |  |

This Detection Summary does not include radiochemical test results.

3100

Result Qualifier

32 J

Xylenes, Total

1,2,4-Trimethylbenzene

Client Sample ID: Trip Blank

**Eurofins Chicago** 

6/20/2022

Total/NA

**Prep Type** 

Total/NA

30

LOQ

50

13 ug/Kg

DL Unit

18 ug/Kg

50 🌣 8260B

Dil Fac D Method

8260B

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Lab Sample ID: 500-217596-13

## **Method Summary**

Client: Cedar Corporation Project/Site: Richfield Tank Pull Job ID: 500-217596-1

| Method   | Method Description                 | Protocol | Laboratory |
|----------|------------------------------------|----------|------------|
| 8260B    | Volatile Organic Compounds (GC/MS) | SW846    | TAL CHI    |
| Moisture | Percent Moisture                   | EPA      | TAL CHI    |
| 5035     | Closed System Purge and Trap       | SW846    | TAL 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:**

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

# **Sample Summary**

Client: Cedar Corporation

Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 500-217596-1  | S-1              | Solid  | 06/03/22 12:40 | 06/04/22 09:15 |
| 500-217596-2  | S-2              | Solid  | 06/03/22 12:45 | 06/04/22 09:15 |
| 500-217596-3  | S-3              | Solid  | 06/03/22 12:50 | 06/04/22 09:15 |
| 500-217596-4  | S-4              | Solid  | 06/03/22 12:55 | 06/04/22 09:15 |
| 500-217596-5  | S-5              | Solid  | 06/03/22 13:00 | 06/04/22 09:15 |
| 500-217596-6  | S-6              | Solid  | 06/03/22 13:03 | 06/04/22 09:15 |
| 500-217596-7  | S-7              | Solid  | 06/03/22 13:06 | 06/04/22 09:15 |
| 500-217596-8  | S-8              | Solid  | 06/03/22 13:10 | 06/04/22 09:15 |
| 500-217596-9  | S-9              | Solid  | 06/03/22 13:15 | 06/04/22 09:15 |
| 500-217596-10 | S-10             | Solid  | 06/03/22 13:20 | 06/04/22 09:15 |
| 500-217596-11 | S-11             | Solid  | 06/03/22 13:25 | 06/04/22 09:15 |
| 500-217596-12 | S-12             | Solid  | 06/03/22 13:30 | 06/04/22 09:15 |
| 500-217596-13 | Trip Blank       | Solid  | 06/03/22 10:00 | 06/04/22 09:15 |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Lab Sample ID: 500-217596-1 **Client Sample ID: S-1** 

Date Collected: 06/03/22 12:40 **Matrix: Solid** Date Received: 06/04/22 09:15 Percent Solids: 92.7

| Analyte                      | Result    | Qualifier | LOQ      | DL | Unit  | D            | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----|-------|--------------|----------------|----------------|---------|
| Benzene                      | <17       |           | 29       | 17 | ug/Kg | <del>-</del> | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Ethylbenzene                 | 670       |           | 29       | 21 | ug/Kg | ☼            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Methyl tert-butyl ether      | <45       |           | 110      | 45 | ug/Kg | ☼            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Naphthalene                  | <38       |           | 110      | 38 | ug/Kg | ₩            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Toluene                      | <17       |           | 29       | 17 | ug/Kg | ☼            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| 1,2,4-Trimethylbenzene       | 5700      |           | 110      | 41 | ug/Kg | ₩            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| 1,3,5-Trimethylbenzene       | 2500      |           | 110      | 44 | ug/Kg | ₽            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Xylenes, Total               | 3300      |           | 57       | 25 | ug/Kg | ₩            | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Surrogate                    | %Recovery | Qualifier | Limits   |    |       |              | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 95        |           | 72 - 124 |    |       |              | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Dibromofluoromethane (Surr)  | 89        |           | 75 - 120 |    |       |              | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| 1,2-Dichloroethane-d4 (Surr) | 85        |           | 75 - 126 |    |       |              | 06/03/22 12:40 | 06/16/22 12:08 | 100     |
| Toluene-d8 (Surr)            | 96        |           | 75 - 120 |    |       |              | 06/03/22 12:40 | 06/16/22 12:08 | 100     |

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-2 Lab Sample ID: 500-217596-2

Date Collected: 06/03/22 12:45

Date Received: 06/04/22 09:15

Matrix: Solid
Percent Solids: 92.2

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D          | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|------------|----------------|----------------|---------|
| Benzene                      | <8.5      |           | 15       | 8.5 | ug/Kg | — <u>~</u> | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ₩          | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Methyl tert-butyl ether      | <23       |           | 58       | 23  | ug/Kg | ₩          | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Naphthalene                  | <19       |           | 58       | 19  | ug/Kg | ⊅          | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Toluene                      | <8.5      |           | 15       | 8.5 | ug/Kg | ₩          | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 58       | 21  | ug/Kg | ☼          | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 58       | 22  | ug/Kg | ₩          | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Xylenes, Total               | <13       |           | 29       | 13  | ug/Kg | ₩          | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |            | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 124 |     |       |            | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Dibromofluoromethane (Surr)  | 89        |           | 75 - 120 |     |       |            | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 84        |           | 75 - 126 |     |       |            | 06/03/22 12:45 | 06/16/22 12:33 | 50      |
| Toluene-d8 (Surr)            | 95        |           | 75 - 120 |     |       |            | 06/03/22 12:45 | 06/16/22 12:33 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-3 Lab Sample ID: 500-217596-3

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Benzene                      | <8.6      |           | 15       | 8.6 | ug/Kg | <u></u> | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ☼       | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Methyl tert-butyl ether      | <23       |           | 59       | 23  | ug/Kg | ₩       | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Naphthalene                  | <20       |           | 59       | 20  | ug/Kg | ⊅       | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Toluene                      | <8.6      |           | 15       | 8.6 | ug/Kg | ₽       | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 59       | 21  | ug/Kg | ≎       | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 59       | 22  | ug/Kg | ⊅       | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Xylenes, Total               | <13       |           | 29       | 13  | ug/Kg | ☼       | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 124 |     |       |         | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Dibromofluoromethane (Surr)  | 87        |           | 75 - 120 |     |       |         | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 84        |           | 75 - 126 |     |       |         | 06/03/22 12:50 | 06/16/22 12:59 | 50      |
| Toluene-d8 (Surr)            | 98        |           | 75 - 120 |     |       |         | 06/03/22 12:50 | 06/16/22 12:59 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1 Project/Site: Richfield Tank Pull

Lab Sample ID: 500-217596-4

**Matrix: Solid** 

Percent Solids: 91.9

| Client Sample ID: S-4          |
|--------------------------------|
| Date Collected: 06/03/22 12:55 |

Date Received: 06/04/22 09:15

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Benzene                      | <8.6      |           | 15       | 8.6 | ug/Kg | <u></u> | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ₽       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Methyl tert-butyl ether      | <23       |           | 59       | 23  | ug/Kg | ₩       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Naphthalene                  | <20       |           | 59       | 20  | ug/Kg | ₽       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Toluene                      | <8.6      |           | 15       | 8.6 | ug/Kg | ☼       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 59       | 21  | ug/Kg | ₩       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 59       | 22  | ug/Kg | ₩       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Xylenes, Total               | <13       |           | 29       | 13  | ug/Kg | ☼       | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 124 |     |       |         | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Dibromofluoromethane (Surr)  | 86        |           | 75 - 120 |     |       |         | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 85        |           | 75 - 126 |     |       |         | 06/03/22 12:55 | 06/16/22 13:25 | 50      |
| Toluene-d8 (Surr)            | 96        |           | 75 - 120 |     |       |         | 06/03/22 12:55 | 06/16/22 13:25 | 50      |

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-5 Lab Sample ID: 500-217596-5

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Benzene                      | <8.6      |           | 15       | 8.6 | ug/Kg | <u></u> | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ₽       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Methyl tert-butyl ether      | <23       |           | 59       | 23  | ug/Kg | ☼       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Naphthalene                  | <20       |           | 59       | 20  | ug/Kg | ₽       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Toluene                      | <8.7      |           | 15       | 8.7 | ug/Kg | ₽       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 59       | 21  | ug/Kg | ≎       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 59       | 22  | ug/Kg | ₽       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Xylenes, Total               | <13       |           | 30       | 13  | ug/Kg | ☼       | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 72 - 124 |     |       |         | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Dibromofluoromethane (Surr)  | 87        |           | 75 - 120 |     |       |         | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 85        |           | 75 - 126 |     |       |         | 06/03/22 13:00 | 06/16/22 13:51 | 50      |
| Toluene-d8 (Surr)            | 96        |           | 75 - 120 |     |       |         | 06/03/22 13:00 | 06/16/22 13:51 | 50      |

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Client: Cedar Corporation

Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-6

Lab Sample ID: 500-217596-6

Matrix: Solid

Percent Solids: 92.2

| CI | ient | Sa | ım | ple | 9 | ID | S- | 6 |
|----|------|----|----|-----|---|----|----|---|
|    |      |    |    |     |   |    |    |   |

Date Collected: 06/03/22 13:03 Date Received: 06/04/22 09:15

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D          | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|------------|----------------|----------------|---------|
| Benzene                      | <8.4      |           | 14       | 8.4 | ug/Kg | — <u>~</u> | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Ethylbenzene                 | <11       |           | 14       | 11  | ug/Kg | ₩          | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Methyl tert-butyl ether      | <23       |           | 58       | 23  | ug/Kg | ₩          | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Naphthalene                  | <19       |           | 58       | 19  | ug/Kg | ⊅          | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Toluene                      | <8.5      |           | 14       | 8.5 | ug/Kg | ☼          | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 58       | 21  | ug/Kg | ☼          | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 58       | 22  | ug/Kg | ⊅          | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Xylenes, Total               | <13       |           | 29       | 13  | ug/Kg | ☼          | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |            | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 72 - 124 |     |       |            | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Dibromofluoromethane (Surr)  | 85        |           | 75 - 120 |     |       |            | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 83        |           | 75 - 126 |     |       |            | 06/03/22 13:03 | 06/16/22 14:17 | 50      |
| Toluene-d8 (Surr)            | 97        |           | 75 - 120 |     |       |            | 06/03/22 13:03 | 06/16/22 14:17 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-7 Lab Sample ID: 500-217596-7

Date Collected: 06/03/22 13:06

Date Received: 06/04/22 09:15

Matrix: Solid
Percent Solids: 91.4

| Method: 8260B - Volatile Organic Compounds (GC/MS) |           |           |          |     |       |         |                |                |         |  |
|--|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|--|
| Analyte  | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |  |
| Benzene  | <8.6      |           | 15       | 8.6 | ug/Kg | <u></u> | 06/03/22 13:06 | 06/16/22 14:42 | 50      |  |
| Ethylbenzene                                       | <11       |           | 15       | 11  | ug/Kg | ☼       | 06/03/22 13:06 | 06/16/22 14:42 | 50      |  |
| Methyl tert-butyl ether                            | <23       |           | 59       | 23  | ug/Kg | ☼       | 06/03/22 13:06 | 06/16/22 14:42 | 50      |  |
| Naphthalene  | <20       |           | 59       | 20  | ug/Kg | ₩       | 06/03/22 13:06 | 06/16/22 14:42 | 50      |  |
| Toluene  | <8.6      |           | 15       | 8.6 | ug/Kg | ₩       | 06/03/22 13:06 | 06/16/22 14:42 | 50      |  |
| 1,2,4-Trimethylbenzene                             | <21       |           | 59       | 21  | ug/Kg | ₩       | 06/03/22 13:06 | 06/16/22 14:42 | 50      |  |
| 1,3,5-Trimethylbenzene                             | <22       |           | 59       | 22  | ug/Kg | ₽       | 06/03/22 13:06 | 06/16/22 14:42 | 50      |  |
| Xylenes, Total                                     | <13       |           | 29       | 13  | ug/Kg | ☆       | 06/03/22 13:06 | 06/16/22 14:42 | 50      |  |
| Surrogate  | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |  |
| 4-Bromofluorobenzene (Surr)                        | 98        |           | 72 - 124 |     |       |         | 06/03/22 13:06 | 06/16/22 14:42 | 50      |  |
| Dibromofluoromethane (Surr)                        | 87        |           | 75 - 120 |     |       |         | 06/03/22 13:06 | 06/16/22 14:42 | 50      |  |
| 1,2-Dichloroethane-d4 (Surr)                       | 84        |           | 75 - 126 |     |       |         | 06/03/22 13:06 | 06/16/22 14:42 | 50      |  |
| Toluene-d8 (Surr)                                  | 97        |           | 75 - 120 |     |       |         | 06/03/22 13:06 | 06/16/22 14:42 | 50      |  |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-8 Lab Sample ID: 500-217596-8

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene                      | <8.5      |           | 14       | 8.5 | ug/Kg | ☆ | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Ethylbenzene                 | <11       |           | 14       | 11  | ug/Kg | ☆ | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Methyl tert-butyl ether      | <23       |           | 58       | 23  | ug/Kg | ☆ | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Naphthalene                  | <19       |           | 58       | 19  | ug/Kg | ₽ | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Toluene                      | <8.5      |           | 14       | 8.5 | ug/Kg | ☆ | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 58       | 21  | ug/Kg | ₩ | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| 1,3,5-Trimethylbenzene       | <22       |           | 58       | 22  | ug/Kg | ₽ | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Xylenes, Total               | <13       |           | 29       | 13  | ug/Kg | ₩ | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 124 |     |       |   | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Dibromofluoromethane (Surr)  | 89        |           | 75 - 120 |     |       |   | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 86        |           | 75 - 126 |     |       |   | 06/03/22 13:10 | 06/16/22 15:08 | 50      |
| Toluene-d8 (Surr)            | 98        |           | 75 - 120 |     |       |   | 06/03/22 13:10 | 06/16/22 15:08 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-9 Lab Sample ID: 500-217596-9

Date Collected: 06/03/22 13:15

Date Received: 06/04/22 09:15

Matrix: Solid
Percent Solids: 90.1

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Benzene                      | <8.9      |           | 15       | 8.9 | ug/Kg | <u></u> | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ₽       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Methyl tert-butyl ether      | <24       |           | 61       | 24  | ug/Kg | ☼       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Naphthalene                  | <20       |           | 61       | 20  | ug/Kg | ₽       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Toluene                      | <8.9      |           | 15       | 8.9 | ug/Kg | ₽       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| 1,2,4-Trimethylbenzene       | <22       |           | 61       | 22  | ug/Kg | ≎       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| 1,3,5-Trimethylbenzene       | <23       |           | 61       | 23  | ug/Kg | ₽       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Xylenes, Total               | <13       |           | 30       | 13  | ug/Kg | ☼       | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 98        |           | 72 - 124 |     |       |         | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Dibromofluoromethane (Surr)  | 86        |           | 75 - 120 |     |       |         | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 83        |           | 75 - 126 |     |       |         | 06/03/22 13:15 | 06/16/22 15:33 | 50      |
| Toluene-d8 (Surr)            | 96        |           | 75 - 120 |     |       |         | 06/03/22 13:15 | 06/16/22 15:33 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-10 Lab Sample ID: 500-217596-10

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Benzene                      | <8.7      |           | 15       | 8.7 | ug/Kg | <u></u> | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ₽       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Methyl tert-butyl ether      | <24       |           | 60       | 24  | ug/Kg | ☆       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Naphthalene                  | <20       |           | 60       | 20  | ug/Kg | ☆       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Toluene                      | <8.8      |           | 15       | 8.8 | ug/Kg | ☆       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| 1,2,4-Trimethylbenzene       | <21       |           | 60       | 21  | ug/Kg | ₩       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| 1,3,5-Trimethylbenzene       | <23       |           | 60       | 23  | ug/Kg | ☆       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Xylenes, Total               | <13       |           | 30       | 13  | ug/Kg | ₩       | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 97        |           | 72 - 124 |     |       |         | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Dibromofluoromethane (Surr)  | 84        |           | 75 - 120 |     |       |         | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 84        |           | 75 - 126 |     |       |         | 06/03/22 13:20 | 06/16/22 15:58 | 50      |
| Toluene-d8 (Surr)            | 99        |           | 75 - 120 |     |       |         | 06/03/22 13:20 | 06/16/22 15:58 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-11 Lab Sample ID: 500-217596-11

Date Collected: 06/03/22 13:25

Date Received: 06/04/22 09:15

Matrix: Solid
Percent Solids: 90.8

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D       | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---------|----------------|----------------|---------|
| Benzene                      | <8.8      |           | 15       | 8.8 | ug/Kg | <u></u> | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Ethylbenzene                 | <11       |           | 15       | 11  | ug/Kg | ☼       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Methyl tert-butyl ether      | <24       |           | 60       | 24  | ug/Kg | ☼       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Naphthalene                  | <20       |           | 60       | 20  | ug/Kg | ⊅       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Toluene                      | <8.9      |           | 15       | 8.9 | ug/Kg | ☼       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| 1,2,4-Trimethylbenzene       | <22       |           | 60       | 22  | ug/Kg | ☼       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| 1,3,5-Trimethylbenzene       | <23       |           | 60       | 23  | ug/Kg | ⊅       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Xylenes, Total               | <13       |           | 30       | 13  | ug/Kg | ≎       | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |         | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 100       |           | 72 - 124 |     |       |         | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Dibromofluoromethane (Surr)  | 89        |           | 75 - 120 |     |       |         | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 87        |           | 75 - 126 |     |       |         | 06/03/22 13:25 | 06/16/22 16:23 | 50      |
| Toluene-d8 (Surr)            | 96        |           | 75 - 120 |     |       |         | 06/03/22 13:25 | 06/16/22 16:23 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: S-12 Lab Sample ID: 500-217596-12

Date Collected: 06/03/22 13:30 Matrix: Solid
Date Received: 06/04/22 09:15 Percent Solids: 91.7

| Analyte                      | Result    | Qualifier | LOQ      | DL  | Unit  | D            | Prepared       | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|--------------|----------------|----------------|---------|
| Benzene                      | <8.6      |           | 15       | 8.6 | ug/Kg | <del>-</del> | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Ethylbenzene                 | 1100      |           | 15       | 11  | ug/Kg | ₽            | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Methyl tert-butyl ether      | <23       |           | 59       | 23  | ug/Kg | ₽            | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Naphthalene                  | <20       |           | 59       | 20  | ug/Kg | ₽            | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Toluene                      | 12        | JB        | 15       | 8.7 | ug/Kg | ☼            | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| 1,2,4-Trimethylbenzene       | 9400      |           | 59       | 21  | ug/Kg | ☼            | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| 1,3,5-Trimethylbenzene       | 3100      |           | 59       | 23  | ug/Kg | ₽            | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Xylenes, Total               | 3100      |           | 30       | 13  | ug/Kg | ₩            | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Surrogate                    | %Recovery | Qualifier | Limits   |     |       |              | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  |           |           | 72 - 124 |     |       |              | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Dibromofluoromethane (Surr)  | 88        |           | 75 - 120 |     |       |              | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 86        |           | 75 - 126 |     |       |              | 06/03/22 13:30 | 06/16/22 16:50 | 50      |
| Toluene-d8 (Surr)            | 99        |           | 75 - 120 |     |       |              | 06/03/22 13:30 | 06/16/22 16:50 | 50      |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Client Sample ID: Trip Blank

Date Collected: 06/03/22 10:00 Date Received: 06/04/22 09:15 Lab Sample ID: 500-217596-13

**Matrix: Solid** 

| Method: 8260B - Volatile Or  | rganic Compo | unds (GC/ | MS)      |     |       |   |                |                |         |
|------------------------------|--------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Analyte                      | Result       | Qualifier | LOQ      | DL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
| Benzene                      | <7.3         |           | 13       | 7.3 | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Ethylbenzene                 | <9.2         |           | 13       | 9.2 | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Methyl tert-butyl ether      | <20          |           | 50       | 20  | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Naphthalene                  | <17          |           | 50       | 17  | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Toluene                      | <7.4         |           | 13       | 7.4 | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| 1,2,4-Trimethylbenzene       | 32           | J         | 50       | 18  | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| 1,3,5-Trimethylbenzene       | <19          |           | 50       | 19  | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Xylenes, Total               | <11          |           | 25       | 11  | ug/Kg |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Surrogate                    | %Recovery    | Qualifier | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 97           |           | 72 - 124 |     |       |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Dibromofluoromethane (Surr)  | 86           |           | 75 - 120 |     |       |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 85           |           | 75 - 126 |     |       |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |
| Toluene-d8 (Surr)            | 96           |           | 75 - 120 |     |       |   | 06/03/22 10:00 | 06/16/22 17:17 | 50      |

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#### **Definitions/Glossary**

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

**Qualifiers** 

**GC/MS VOA** 

Qualifier Qualifier Description

B Compound was found in the blank and sample.

J Reported value was between the limit of detection and the limit of quantitation.

**Glossary** 

Abbreviation These commonly used abbreviations may or may not be present in this report.

Example 2 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)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

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Client: Cedar Corporation

Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

**GC/MS VOA** 

**Prep Batch: 661137** 

| Lab Sample ID       | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-217596-1        | S-1                | Total/NA  | Solid  | 5035   |            |
| 500-217596-2        | S-2                | Total/NA  | Solid  | 5035   |            |
| 500-217596-3        | S-3                | Total/NA  | Solid  | 5035   |            |
| 500-217596-4        | S-4                | Total/NA  | Solid  | 5035   |            |
| 500-217596-5        | S-5                | Total/NA  | Solid  | 5035   |            |
| 500-217596-6        | S-6                | Total/NA  | Solid  | 5035   |            |
| 500-217596-7        | S-7                | Total/NA  | Solid  | 5035   |            |
| 500-217596-8        | S-8                | Total/NA  | Solid  | 5035   |            |
| 500-217596-9        | S-9                | Total/NA  | Solid  | 5035   |            |
| 500-217596-10       | S-10               | Total/NA  | Solid  | 5035   |            |
| 500-217596-11       | S-11               | Total/NA  | Solid  | 5035   |            |
| 500-217596-12       | S-12               | Total/NA  | Solid  | 5035   |            |
| 500-217596-13       | Trip Blank         | Total/NA  | Solid  | 5035   |            |
| LB3 500-661137/21-A | Method Blank       | Total/NA  | Solid  | 5035   |            |
| LCS 500-661137/22-A | Lab Control Sample | Total/NA  | Solid  | 5035   |            |
| 500-217596-2 MS     | S-2                | Total/NA  | Solid  | 5035   |            |
| 500-217596-2 MSD    | S-2                | Total/NA  | Solid  | 5035   |            |

**Analysis Batch: 661273** 

| Lab Sample ID<br>LB3 500-661137/21-A | Client Sample ID  Method Blank | Prep Type Total/NA | Matrix Solid | Method 8260B | Prep Batch 661137 |
|--------------------------------------|--------------------------------|--------------------|--------------|--------------|-------------------|
| MB 500-661273/6                      | Method Blank                   | Total/NA           | Solid        | 8260B        |                   |
| LCS 500-661137/22-A                  | Lab Control Sample             | Total/NA           | Solid        | 8260B        | 661137            |
| LCS 500-661273/4                     | Lab Control Sample             | Total/NA           | Solid        | 8260B        |                   |

**Analysis Batch: 661438** 

| Lab Sample ID    | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 500-217596-1     | S-1                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-2     | S-2                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-3     | S-3                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-4     | S-4                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-5     | S-5                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-6     | S-6                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-7     | S-7                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-8     | S-8                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-9     | S-9                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-10    | S-10               | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-11    | S-11               | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-12    | S-12               | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-13    | Trip Blank         | Total/NA  | Solid  | 8260B  | 661137     |
| MB 500-661438/6  | Method Blank       | Total/NA  | Solid  | 8260B  |            |
| LCS 500-661438/4 | Lab Control Sample | Total/NA  | Solid  | 8260B  |            |
| 500-217596-2 MS  | S-2                | Total/NA  | Solid  | 8260B  | 661137     |
| 500-217596-2 MSD | S-2                | Total/NA  | Solid  | 8260B  | 661137     |

**General Chemistry** 

Analysis Batch: 659958

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 500-217596-1  | S-1              | Total/NA  | Solid  | Moisture |            |
| 500-217596-2  | S-2              | Total/NA  | Solid  | Moisture |            |

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## **QC Association Summary**

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

### **General Chemistry (Continued)**

#### **Analysis Batch: 659958 (Continued)**

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 500-217596-3  | S-3              | Total/NA  | Solid  | Moisture |            |
| 500-217596-4  | S-4              | Total/NA  | Solid  | Moisture |            |
| 500-217596-5  | S-5              | Total/NA  | Solid  | Moisture |            |
| 500-217596-6  | S-6              | Total/NA  | Solid  | Moisture |            |
| 500-217596-7  | S-7              | Total/NA  | Solid  | Moisture |            |
| 500-217596-8  | S-8              | Total/NA  | Solid  | Moisture |            |
| 500-217596-9  | S-9              | Total/NA  | Solid  | Moisture |            |
| 500-217596-10 | S-10             | Total/NA  | Solid  | Moisture |            |
| 500-217596-11 | S-11             | Total/NA  | Solid  | Moisture |            |
| 500-217596-12 | S-12             | Total/NA  | Solid  | Moisture |            |

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#### **Surrogate Summary**

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid Prep Type: Total/NA

|                     |                    |          | Pe       | ercent Surro | ogate Reco |
|---------------------|--------------------|----------|----------|--------------|------------|
|                     |                    | BFB      | DBFM     | DCA          | TOL        |
| Lab Sample ID       | Client Sample ID   | (72-124) | (75-120) | (75-126)     | (75-120)   |
| 500-217596-1        | S-1                | 95       | 89       | 85           | 96         |
| 500-217596-2        | S-2                | 96       | 89       | 84           | 95         |
| 500-217596-2 MS     | S-2                | 96       | 90       | 83           | 99         |
| 500-217596-2 MSD    | S-2                | 96       | 88       | 82           | 99         |
| 500-217596-3        | S-3                | 96       | 87       | 84           | 98         |
| 500-217596-4        | S-4                | 96       | 86       | 85           | 96         |
| 500-217596-5        | S-5                | 98       | 87       | 85           | 96         |
| 500-217596-6        | S-6                | 97       | 85       | 83           | 97         |
| 500-217596-7        | S-7                | 98       | 87       | 84           | 97         |
| 500-217596-8        | S-8                | 96       | 89       | 86           | 98         |
| 500-217596-9        | S-9                | 98       | 86       | 83           | 96         |
| 500-217596-10       | S-10               | 97       | 84       | 84           | 99         |
| 500-217596-11       | S-11               | 100      | 89       | 87           | 96         |
| 500-217596-12       | S-12               | 101      | 88       | 86           | 99         |
| 500-217596-13       | Trip Blank         | 97       | 86       | 85           | 96         |
| LB3 500-661137/21-A | Method Blank       | 108      | 102      | 107          | 97         |
| LCS 500-661137/22-A | Lab Control Sample | 103      | 108      | 110          | 98         |
| LCS 500-661273/4    | Lab Control Sample | 109      | 105      | 110          | 111        |
| LCS 500-661438/4    | Lab Control Sample | 90       | 91       | 81           | 98         |
| MB 500-661273/6     | Method Blank       | 112      | 106      | 107          | 98         |
| MB 500-661438/6     | Method Blank       | 97       | 86       | 84           | 98         |

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

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Client: Cedar Corporation Job ID: 500-217596-1 Project/Site: Richfield Tank Pull

#### Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-661137/21-A

**Matrix: Solid** 

**Analysis Batch: 661273** 

**Client Sample ID: Method Blank** 

**Prep Type: Total/NA** 

**Prep Batch: 661137** 

|                         |        |           |     |     |       |   |                | •              |         |
|-------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
|                         | LB3    | LB3       |     |     |       |   |                |                |         |
| Analyte                 | Result | Qualifier | LOQ | DL  | Unit  | D | Prepared       | Analyzed       | Dil Fac |
| Benzene                 | <7.3   |           | 13  | 7.3 | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| Ethylbenzene            | <9.2   |           | 13  | 9.2 | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| Methyl tert-butyl ether | <20    |           | 50  | 20  | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| Naphthalene             | <17    |           | 50  | 17  | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| Toluene                 | 9.92   | J         | 13  | 7.4 | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| 1,2,4-Trimethylbenzene  | <18    |           | 50  | 18  | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| 1,3,5-Trimethylbenzene  | <19    |           | 50  | 19  | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
| Xylenes, Total          | <11    |           | 25  | 11  | ug/Kg |   | 06/14/22 11:30 | 06/15/22 15:59 | 50      |
|                         |        |           |     |     |       |   |                |                |         |

LB3 LB3

| Surrogate                    | %Recovery G | Qualifier Limits | S Pr     | repared    | Analyzed       | Dil Fac |
|------------------------------|-------------|------------------|----------|------------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 108         | 72 - 12          | 24 06/14 | 4/22 11:30 | 06/15/22 15:59 | 50      |
| Dibromofluoromethane (Surr)  | 102         | 75 - 12          | 20 06/14 | 4/22 11:30 | 06/15/22 15:59 | 50      |
| 1,2-Dichloroethane-d4 (Surr) | 107         | 75 - 12          | 26 06/14 | 4/22 11:30 | 06/15/22 15:59 | 50      |
| Toluene-d8 (Surr)            | 97          | 75 - 12          | 20 06/14 | 4/22 11:30 | 06/15/22 15:59 | 50      |

Lab Sample ID: LCS 500-661137/22-A

**Matrix: Solid** 

**Analysis Batch: 661273** 

**Client Sample ID: Lab Control Sample** 

**Prep Type: Total/NA** 

**Prep Batch: 661137** 

LCS LCS %Rec Spike Limits **Analyte** Added Result Qualifier Unit D %Rec Benzene 2500 2570 ug/Kg 103 70 - 120 2500 2540 101 Ethylbenzene ug/Kg 70 - 123 Methyl tert-butyl ether 2500 2870 ug/Kg 115 55 - 123 Naphthalene 2500 3400 136 ug/Kg 53 - 144 Toluene 2500 2440 ug/Kg 98 70 - 125 1,2,4-Trimethylbenzene 2500 2590 ug/Kg 103 70 - 123 1,3,5-Trimethylbenzene 2500 70 - 123 2650 ug/Kg 106 Xylenes, Total 5000 5000 ug/Kg 100 70 - 125

LCS LCS

| Surrogate                    | %Recovery | Qualifier | Limits   |
|------------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr)  | 103       |           | 72 - 124 |
| Dibromofluoromethane (Surr)  | 108       |           | 75 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 75 - 126 |
| Toluene-d8 (Surr)            | 98        |           | 75 - 120 |

Lab Sample ID: 500-217596-2 MS

**Matrix: Solid** 

**Analysis Batch: 661438** 

Client Sample ID: S-2 **Prep Type: Total/NA** Prep Batch: 661137

|                         | Sample | Sample    | Spike | MS     | MS        |       |              |      | %Rec     |  |
|-------------------------|--------|-----------|-------|--------|-----------|-------|--------------|------|----------|--|
| Analyte                 | Result | Qualifier | Added | Result | Qualifier | Unit  | D            | %Rec | Limits   |  |
| Benzene                 | <8.5   |           | 2900  | 2680   |           | ug/Kg | <del>*</del> | 92   | 70 - 120 |  |
| Ethylbenzene            | <11    |           | 2900  | 2940   |           | ug/Kg | ☼            | 101  | 70 - 123 |  |
| Methyl tert-butyl ether | <23    |           | 2900  | 2310   |           | ug/Kg | ☼            | 80   | 55 - 123 |  |
| Naphthalene             | <19    |           | 2900  | 2370   |           | ug/Kg | ₩            | 82   | 53 - 144 |  |
| Toluene                 | <8.5   |           | 2900  | 2790   |           | ug/Kg | ☼            | 96   | 70 - 125 |  |
| 1,2,4-Trimethylbenzene  | <21    |           | 2900  | 2930   |           | ug/Kg | ☼            | 101  | 70 - 123 |  |
| 1,3,5-Trimethylbenzene  | <22    |           | 2900  | 3060   |           | ug/Kg | ₽            | 105  | 70 - 123 |  |
| Xylenes, Total          | <13    |           | 5800  | 5690   |           | ug/Kg | ₩            | 98   | 70 - 125 |  |

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Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

#### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

|                              | MS        | MS        |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 124 |
| Dibromofluoromethane (Surr)  | 90        |           | 75 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 83        |           | 75 - 126 |
| Toluene-d8 (Surr)            | 99        |           | 75 - 120 |

Lab Sample ID: 500-217596-2 MSD

**Matrix: Solid** 

**Analysis Batch: 661438** 

Client Sample ID: S-2 **Prep Type: Total/NA Prep Batch: 661137** 

| -                       | Sample | Sample    | Spike | MSD    | MSD       |       |   |      | %Rec     |     | RPD   |
|-------------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte                 | Result | Qualifier | Added | Result | Qualifier | Unit  | D | %Rec | Limits   | RPD | Limit |
| Benzene                 | <8.5   |           | 2900  | 2450   |           | ug/Kg | ☼ | 85   | 70 - 120 | 9   | 30    |
| Ethylbenzene            | <11    |           | 2900  | 2720   |           | ug/Kg | ☼ | 94   | 70 - 123 | 8   | 30    |
| Methyl tert-butyl ether | <23    |           | 2900  | 2120   |           | ug/Kg | ☼ | 73   | 55 - 123 | 9   | 30    |
| Naphthalene             | <19    |           | 2900  | 2630   |           | ug/Kg | ₽ | 91   | 53 - 144 | 10  | 30    |
| Toluene                 | <8.5   |           | 2900  | 2640   |           | ug/Kg | ☼ | 91   | 70 - 125 | 6   | 30    |
| 1,2,4-Trimethylbenzene  | <21    |           | 2900  | 2720   |           | ug/Kg | ☼ | 94   | 70 - 123 | 7   | 30    |
| 1,3,5-Trimethylbenzene  | <22    |           | 2900  | 2830   |           | ug/Kg | ☼ | 98   | 70 - 123 | 8   | 30    |
| Xylenes, Total          | <13    |           | 5800  | 5250   |           | ug/Kg | ☼ | 90   | 70 - 125 | 8   | 30    |
|                         |        |           |       |        |           |       |   |      |          |     |       |

|                              | MSD       | MSD       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr)  | 96        |           | 72 - 124 |
| Dibromofluoromethane (Surr)  | 88        |           | 75 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 82        |           | 75 - 126 |
| Toluene-d8 (Surr)            | 99        |           | 75 - 120 |

Lab Sample ID: MB 500-661273/6

**Matrix: Solid** 

**Analysis Batch: 661273** 

Client Sample ID: Method Blank

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

|                         | MB     | MB        |      |      |       |   |          |                |         |
|-------------------------|--------|-----------|------|------|-------|---|----------|----------------|---------|
| Analyte                 | Result | Qualifier | LOQ  | DL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
| Benzene                 | <0.15  |           | 0.25 | 0.15 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| Ethylbenzene            | <0.18  |           | 0.25 | 0.18 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| Methyl tert-butyl ether | < 0.39 |           | 1.0  | 0.39 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| Naphthalene             | <0.33  |           | 1.0  | 0.33 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| Toluene                 | <0.15  |           | 0.25 | 0.15 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| 1,2,4-Trimethylbenzene  | < 0.36 |           | 1.0  | 0.36 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| 1,3,5-Trimethylbenzene  | <0.38  |           | 1.0  | 0.38 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
| Xylenes, Total          | <0.22  |           | 0.50 | 0.22 | ug/Kg |   |          | 06/15/22 12:46 | 1       |
|                         |        |           |      |      |       |   |          |                |         |

|                              | MB        | MB        |          |          |                |         |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr)  | 112       |           | 72 - 124 |          | 06/15/22 12:46 | 1       |
| Dibromofluoromethane (Surr)  | 106       |           | 75 - 120 |          | 06/15/22 12:46 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 107       |           | 75 - 126 |          | 06/15/22 12:46 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 75 - 120 |          | 06/15/22 12:46 | 1       |

Lab Sample ID: LCS 500-661273/4

**Matrix: Solid** 

| Analysis Batch: 661273 |          |        |           |       |   |      |          |      |
|------------------------|----------|--------|-----------|-------|---|------|----------|------|
|                        | Spike    | LCS    | LCS       |       |   |      | %Rec     |      |
| Analyte                | Added    | Result | Qualifier | Unit  | D | %Rec | Limits   |      |
| Benzene                | <br>50.0 | 46.9   |           | ug/Kg |   | 94   | 70 - 120 | <br> |

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Prep Type: Total/NA

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### **QC Sample Results**

Client: Cedar Corporation Job ID: 500-217596-1 Project/Site: Richfield Tank Pull

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-661273/4

Matrix: Solid

**Analysis Batch: 661273** 

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

|                         | Spike | LCS    | LCS       |       |   |      | %Rec     |  |
|-------------------------|-------|--------|-----------|-------|---|------|----------|--|
| Analyte                 | Added | Result | Qualifier | Unit  | D | %Rec | Limits   |  |
| Ethylbenzene            | 50.0  | 49.6   |           | ug/Kg |   | 99   | 70 - 123 |  |
| Methyl tert-butyl ether | 50.0  | 45.4   |           | ug/Kg |   | 91   | 55 - 123 |  |
| Naphthalene             | 50.0  | 61.1   |           | ug/Kg |   | 122  | 53 - 144 |  |
| Toluene                 | 50.0  | 49.4   |           | ug/Kg |   | 99   | 70 - 125 |  |
| 1,2,4-Trimethylbenzene  | 50.0  | 52.0   |           | ug/Kg |   | 104  | 70 - 123 |  |
| 1,3,5-Trimethylbenzene  | 50.0  | 54.1   |           | ug/Kg |   | 108  | 70 - 123 |  |
| Xylenes, Total          | 100   | 97.3   |           | ug/Kg |   | 97   | 70 - 125 |  |

LCS LCS

| Surrogate                    | %Recovery | Qualifier | Limits   |
|------------------------------|-----------|-----------|----------|
| 4-Bromofluorobenzene (Surr)  | 109       |           | 72 - 124 |
| Dibromofluoromethane (Surr)  | 105       |           | 75 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 110       |           | 75 - 126 |
| Toluene-d8 (Surr)            | 111       |           | 75 - 120 |

Lab Sample ID: MB 500-661438/6 Client Sample ID: Method Blank Matrix: Solid

Analysis Batch: 661438

**Prep Type: Total/NA** 

|   |                         | MB     | MB        |      |      |       |   |          |                |         |
|---|-------------------------|--------|-----------|------|------|-------|---|----------|----------------|---------|
|   | Analyte                 | Result | Qualifier | LOQ  | DL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|   | Benzene                 | <0.15  |           | 0.25 | 0.15 | ug/Kg |   |          | 06/16/22 11:41 | 1       |
|   | Ethylbenzene            | <0.18  |           | 0.25 | 0.18 | ug/Kg |   |          | 06/16/22 11:41 | 1       |
|   | Methyl tert-butyl ether | < 0.39 |           | 1.0  | 0.39 | ug/Kg |   |          | 06/16/22 11:41 | 1       |
|   | Naphthalene             | <0.33  |           | 1.0  | 0.33 | ug/Kg |   |          | 06/16/22 11:41 | 1       |
|   | Toluene                 | <0.15  |           | 0.25 | 0.15 | ug/Kg |   |          | 06/16/22 11:41 | 1       |
|   | 1,2,4-Trimethylbenzene  | < 0.36 |           | 1.0  | 0.36 | ug/Kg |   |          | 06/16/22 11:41 | 1       |
| İ | 1,3,5-Trimethylbenzene  | <0.38  |           | 1.0  | 0.38 | ug/Kg |   |          | 06/16/22 11:41 | 1       |
|   | Xylenes, Total          | <0.22  |           | 0.50 | 0.22 | ug/Kg |   |          | 06/16/22 11:41 | 1       |

| ИΒ | MB |
|----|----|

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr)  | 97        |           | 72 - 124 |          | 06/16/22 11:41 | 1       |
| Dibromofluoromethane (Surr)  | 86        |           | 75 - 120 |          | 06/16/22 11:41 | 1       |
| 1,2-Dichloroethane-d4 (Surr) | 84        |           | 75 - 126 |          | 06/16/22 11:41 | 1       |
| Toluene-d8 (Surr)            | 98        |           | 75 - 120 |          | 06/16/22 11:41 | 1       |

Lab Sample ID: LCS 500-661438/4

**Matrix: Solid** 

**Analysis Batch: 661438** 

| Client Sample ID: | <b>Lab Control Sample</b> |
|-------------------|---------------------------|
|                   | Prep Type: Total/NA       |

| •                       | Spike | LCS    | LCS       |       |   |      | %Rec     |
|-------------------------|-------|--------|-----------|-------|---|------|----------|
| Analyte                 | Added | Result | Qualifier | Unit  | D | %Rec | Limits   |
| Benzene                 | 50.0  | 54.3   |           | ug/Kg |   | 109  | 70 - 120 |
| Ethylbenzene            | 50.0  | 60.0   |           | ug/Kg |   | 120  | 70 - 123 |
| Methyl tert-butyl ether | 50.0  | 46.0   |           | ug/Kg |   | 92   | 55 - 123 |
| Naphthalene             | 50.0  | 48.3   |           | ug/Kg |   | 97   | 53 - 144 |
| Toluene                 | 50.0  | 56.1   |           | ug/Kg |   | 112  | 70 - 125 |
| 1,2,4-Trimethylbenzene  | 50.0  | 59.1   |           | ug/Kg |   | 118  | 70 - 123 |
| 1,3,5-Trimethylbenzene  | 50.0  | 61.4   |           | ug/Kg |   | 123  | 70 - 123 |
| Xylenes, Total          | 100   | 117    |           | ug/Kg |   | 117  | 70 - 125 |

### **QC Sample Results**

Client: Cedar Corporation Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

### Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-661438/4

Matrix: Solid

**Analysis Batch: 661438** 

| Client Sample ID: | Lab Control Sample  |
|-------------------|---------------------|
|                   | Prep Type: Total/NA |

|                              | LCS       | LCS       |          |
|------------------------------|-----------|-----------|----------|
| Surrogate                    | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr)  | 90        |           | 72 - 124 |
| Dibromofluoromethane (Surr)  | 91        |           | 75 - 120 |
| 1,2-Dichloroethane-d4 (Surr) | 81        |           | 75 - 126 |
| Toluene-d8 (Surr)            | 98        |           | 75 - 120 |

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13

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Job ID: 500-217596-1

Client: Cedar Corporation Project/Site: Richfield Tank Pull

Lab Sample ID: 500-217596-1

**Matrix: Solid** 

**Matrix: Solid** 

**Matrix: Solid** 

**Matrix: Solid** 

Percent Solids: 92.7

Client Sample ID: S-1 Date Collected: 06/03/22 12:40

Date Received: 06/04/22 09:15

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Client Sample ID: S-1 Lab Sample ID: 500-217596-1

Date Collected: 06/03/22 12:40

Date Received: 06/04/22 09:15

| Prep Type | Batch<br>Type | Batch<br>Method | Run | Dilution<br>Factor | Batch<br>Number | Prepared or Analyzed | Analyst | Lab     |
|-----------|---------------|-----------------|-----|--------------------|-----------------|----------------------|---------|---------|
| Total/NA  | Prep          | 5035            |     |                    | 661137          | 06/03/22 12:40       | WRE     | TAL CHI |
| Total/NA  | Analysis      | 8260B           |     | 100                | 661438          | 06/16/22 12:08       | W1T     | TAL CHI |

Lab Sample ID: 500-217596-2 Client Sample ID: S-2

Date Collected: 06/03/22 12:45 Date Received: 06/04/22 09:15

Dilution Batch **Batch** Batch Prepared **Prep Type** Type Method Run **Factor** Number or Analyzed Analyst Lab

659958 06/06/22 12:08 LWN Total/NA Moisture TAL CHI Analysis

Lab Sample ID: 500-217596-2 Client Sample ID: S-2 Date Collected: 06/03/22 12:45 **Matrix: Solid** 

Date Received: 06/04/22 09:15 Percent Solids: 92.2

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 12:45 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 12:33 | W1T     | TAL CHI |

Client Sample ID: S-3 Lab Sample ID: 500-217596-3

Date Collected: 06/03/22 12:50 Date Received: 06/04/22 09:15

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Туре     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Client Sample ID: S-3 Lab Sample ID: 500-217596-3

Date Collected: 06/03/22 12:50 **Matrix: Solid** Date Received: 06/04/22 09:15 Percent Solids: 91.9

|           | Batch<br>– | Batch  | _   | Dilution | Batch  | Prepared       |         |         |
|-----------|------------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type       | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep       | 5035   |     |          | 661137 | 06/03/22 12:50 | WRE     | TAL CHI |
| Total/NA  | Analysis   | 8260B  |     | 50       | 661438 | 06/16/22 12:59 | W1T     | TAL CHI |

Client Sample ID: S-4 Lab Sample ID: 500-217596-4

Date Collected: 06/03/22 12:55 Date Received: 06/04/22 09:15

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

**Eurofins Chicago** 

**Matrix: Solid** 

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6/20/2022

Client: Cedar Corporation Project/Site: Richfield Tank Pull

Client Sample ID: S-4

Date Collected: 06/03/22 12:55 Date Received: 06/04/22 09:15

Lab Sample ID: 500-217596-4

**Matrix: Solid** 

Percent Solids: 91.9

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 12:55 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 13:25 | W1T     | TAL CHI |

Lab Sample ID: 500-217596-5 Client Sample ID: S-5

**Matrix: Solid** 

Date Collected: 06/03/22 13:00 Date Received: 06/04/22 09:15

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Lab Sample ID: 500-217596-5 Client Sample ID: S-5

Date Collected: 06/03/22 13:00 **Matrix: Solid** 

Date Received: 06/04/22 09:15 Percent Solids: 91.4

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 13:00 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 13:51 | W1T     | TAL CHI |

Client Sample ID: S-6 Lab Sample ID: 500-217596-6

Date Collected: 06/03/22 13:03 **Matrix: Solid** 

Date Received: 06/04/22 09:15

Analysis

Moisture

Total/NA

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Client Sample ID: S-6 Lab Sample ID: 500-217596-6

Date Collected: 06/03/22 13:03 **Matrix: Solid** 

Date Received: 06/04/22 09:15 Percent Solids: 92.2

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |   |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|---|
| Prep Type | Туре     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |   |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 13:03 | WRE     | TAL CHI | _ |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 14:17 | W1T     | TAL CHI |   |

Client Sample ID: S-7 Lab Sample ID: 500-217596-7

Date Collected: 06/03/22 13:06 **Matrix: Solid** Date Received: 06/04/22 09:15

659958 06/06/22 12:08 LWN

Batch Dilution Batch **Batch** Prepared Method Number or Analyzed **Prep Type** Type Run **Factor** Analyst Lab

TAL CHI

Job ID: 500-217596-1

Client: Cedar Corporation Project/Site: Richfield Tank Pull

Lab Sample ID: 500-217596-7

**Matrix: Solid** 

Percent Solids: 91.4

Client Sample ID: S-7

Date Collected: 06/03/22 13:06 Date Received: 06/04/22 09:15

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 13:06 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 14:42 | W1T     | TAL CHI |

Lab Sample ID: 500-217596-8 Client Sample ID: S-8

Date Collected: 06/03/22 13:10 **Matrix: Solid** 

Date Received: 06/04/22 09:15

| _         | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Client Sample ID: S-8 Lab Sample ID: 500-217596-8

Date Collected: 06/03/22 13:10 **Matrix: Solid** 

Date Received: 06/04/22 09:15 Percent Solids: 92.8

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 13:10 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 15:08 | W1T     | TAL CHI |

Client Sample ID: S-9 Lab Sample ID: 500-217596-9

Date Collected: 06/03/22 13:15 **Matrix: Solid** 

Date Received: 06/04/22 09:15

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Client Sample ID: S-9 Lab Sample ID: 500-217596-9

Date Collected: 06/03/22 13:15

**Matrix: Solid** Date Received: 06/04/22 09:15 Percent Solids: 90.1

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 13:15 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 15:33 | W1T     | TAL CHI |

Client Sample ID: S-10 Lab Sample ID: 500-217596-10

Date Collected: 06/03/22 13:20 Date Received: 06/04/22 09:15

| _         | Batch    | Batch    | _   | Dilution | Batch  | Prepared       |         |         |  |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|--|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |  |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |  |

**Matrix: Solid** 

Job ID: 500-217596-1

Client: Cedar Corporation Project/Site: Richfield Tank Pull

Client Sample ID: S-10
Date Collected: 06/03/22 13:20

Lab Sample ID: 500-217596-10

Matrix: Solid

Percent Solids: 91.7

| Date Received | d: 06/04/22 ( | )9:15  |     |          |        |             |     |
|---------------|---------------|--------|-----|----------|--------|-------------|-----|
|               | Batch         | Batch  |     | Dilution | Batch  | Prepared    |     |
| Prep Type     | Type          | Method | Run | Factor   | Number | or Analyzed | Ana |

 Prep Type
 Type
 Method
 Run
 Factor
 Number
 or Analyzed
 Analyst
 Lab

 Total/NA
 Prep
 5035
 661137
 06/03/22 13:20
 WRE
 TAL CHI

 Total/NA
 Analysis
 8260B
 50
 661438
 06/16/22 15:58
 W1T
 TAL CHI

Client Sample ID: S-11 Lab Sample ID: 500-217596-11

Date Collected: 06/03/22 13:25 Matrix: Solid

Date Received: 06/04/22 09:15

| _         | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     | 1        | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Client Sample ID: S-11 Lab Sample ID: 500-217596-11

Date Collected: 06/03/22 13:25

Matrix: Solid

Date Received: 06/04/22 09:15 Percent Solids: 90.8

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 13:25 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 16:23 | W1T     | TAL CHI |

Client Sample ID: S-12 Lab Sample ID: 500-217596-12

Date Collected: 06/03/22 13:30 East Sumple 15: 500-217550-12

Date Received: 06/04/22 09:15

|           | Batch    | Batch    |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|----------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Туре     | Method   | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Analysis | Moisture |     |          | 659958 | 06/06/22 12:08 | LWN     | TAL CHI |

Client Sample ID: S-12 Lab Sample ID: 500-217596-12

Date Collected: 06/03/22 13:30 Matrix: Solid

Date Received: 06/04/22 09:15 Percent Solids: 91.7

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |   |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|---|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |   |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 13:30 | WRE     | TAL CHI | _ |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 16:50 | W1T     | TAL CHI |   |

Client Sample ID: Trip Blank Lab Sample ID: 500-217596-13

Date Collected: 06/03/22 10:00 Matrix: Solid

Date Received: 06/04/22 09:15

|           | Batch    | Batch  |     | Dilution | Batch  | Prepared       |         |         |
|-----------|----------|--------|-----|----------|--------|----------------|---------|---------|
| Prep Type | Type     | Method | Run | Factor   | Number | or Analyzed    | Analyst | Lab     |
| Total/NA  | Prep     | 5035   |     |          | 661137 | 06/03/22 10:00 | WRE     | TAL CHI |
| Total/NA  | Analysis | 8260B  |     | 50       | 661438 | 06/16/22 17:17 | W1T     | TAL CHI |

#### **Laboratory References:**

TAL CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

## **Accreditation/Certification Summary**

Client: Cedar Corporation

Job ID: 500-217596-1

Project/Site: Richfield Tank Pull

### **Laboratory: Eurofins Chicago**

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Wisconsin | State   | 999580010             | 08-31-22        |

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eurofins Exirc or no est no Amer

2417 Bond Street

University Park IL 60484 Phone 708-534-5200 Fax 708-534-5211

| Phone 708-334-3200 rax 700-334-3211  |                        | **************                        | *************  |  |                        | Distriction of the last  | ~~~                                     | ***************************************  | COLUMN TO SERVICE | purposensia and a second | -       |              | *************************************** | ·                              | Partie Commission Comm |  |                                      |
|--|------------------------|---------------------------------------|--|--|------------------------|--|---|--|-------------------|--------------------------|---------|--------------|---|--------------------------------|--|--|--------------------------------------|
| Client Information   | Sampler Qui            | n Lev                                 | 17   |  | drick S                | Sandı  | e                                       |  |                   |                          | 760     | No(5<br>1597 | 833k                                    | ) 5                            | COC No <sup>.</sup><br>50 <mark>0-101813-44</mark> 1   | 117 2  |                                      |
| Client Contact:<br>Quin Lenz   | Phone (920)            | 309-41                                | 197  | E-Ma<br>San  |                        | redric   | k@et.euro                               | finsus com   |                   | State of                 | Origin  | WI           |   |                                | Page<br>Page <b>2002</b> /   | 1 of 2   |                                      |
| Company:<br>Cedar Corporation  |                        | PV                                    | WS D:  |  |                        | NOTE: THE PARTY OF   | *************************************** | Analys   | is Rea            | ueste                    | d       |              |   | J                              | 10b# 500-  | 217591   | b                                    |
| Cedar Corporation Address.   | Due Date Request       | 8d7 (c                                | - 1  | unnagen gegen der der der der der der der der der der  | T                      | Т  | T                                       |  |                   |                          |         |              |   | F                              | Preservation Cod   | les  | I.                                   |
| 1695 Bellevue Street<br>City   | TAT Requested (d       | Stavula<br>ays) Avula                 | <u> </u>   | **************************************   | 11                     |  |   |  |                   | -                        | -       |              |   |                                | A HCL<br>B NaOH  | M Hexane<br>N None   |                                      |
| Green Bay  | 4                      | andurd                                | \  |  |                        |  |   |  |                   |                          | K:      |              |   |                                | C Zn Auetate<br>D Nitric Acid  | O AsNaO2<br>P Na2O4S   |                                      |
| State Zip<br>WI 54311  | Compliance Project     |                                       | Notes and the second se | **************************************   |                        |  |   | ***************************************  |                   |                          | EX      | 4            |   | 1 8                            | E Nal-SO4  | Q Na2SO3<br>R Na2S2O3  |                                      |
| Phone  | PC#:<br>Purchase Ordei | oot convered                          | ***************************************  |  | 11                     |  |   |  |                   |                          | $R_{i}$ | E#           |   |                                | F MeOH<br>G Amchlor  | S H2SO4<br>T TSP Dodec   | a vdrate                             |
| 715-235-9081(Tel)<br>Email   | 'NO#:                  | norrequied                            |  | **************************************   | <b>-</b> [2]           |  |   |  |                   | 500                      | _       | 7.           |   |                                | H Ascorbic Acid<br>I Ice   | U Acetone<br>V MCAA  | ,                                    |
| quin lenz@cedarcorp com  |                        |                                       | ***************************************  | 30000574790 <sub>00</sub> 003200030000097977742300000  | ٤١٥                    |  |   |  |                   | 500                      | -21758  | 6 COC        |   |                                | DI Water<br>F EDTA   | W pH 4-5<br>Y Tizma  |                                      |
| Project Name<br>RICHFIELD TANK PULL  | Project #<br>50006556  |                                       |  |  |                        |  |   |  |                   |                          | 1       | l .          |   | 1                              | L EDA  | Z other (speci   | afy)                                 |
| S ie   | SSOW#                  |                                       | **************************************   | menonosareli (1000 Metro antica antica antica antica antica antica antica antica antica antica antica antica a | Sample (Yes            | Αp   |   |  |                   |                          |         |              |   | Total Number of contelliers    | Other <sup>.</sup>   |  |                                      |
|  |                        |                                       | Sample   | Matrix   |                        | 8260B - PVOC+NAP   |   |  |                   |                          |         |              |   | ٩ſ                             |  | COCCUSION CONTRACTOR C | ************************             |
|  |                        |                                       | Туре   | (W=water<br>S=solid,<br>D=wasteloll,<br>BT=Tissue, A=Air)  | ŒΙĒ                    | . P.   |   |  |                   |                          |         |              |   | ž                              |  |  |                                      |
| Sample Identification  | Sample Date            | Sample (C                             | C=comp,<br>i=arab)   | Dewasteloll,   | Field Fills<br>Perform | 3260E  |   |  |                   |                          |         |              |   | 20                             | Special In   | structions/No  | ote                                  |
| Compression Comments of the Co |                        |                                       | Preserva   | tion Code:   | 郊                      | ₹\n_   |   |  |                   |                          |         |              |   | X                              |  |  |                                      |
| 8-1  | 6/3/22                 | 1240                                  | G  | Solid  |                        | X  |   |  |                   |                          |         |              |   | LL                             | 200000000000000000000000000000000000000  |  |                                      |
| 8-2  |                        | 1245                                  |  | Solid  |                        | X  |   |  |                   |                          |         |              |   |                                |  |  | ******************************       |
| S-3  |                        | 1250                                  |  | Solid  |                        | X  |   |  |                   |                          |         |              |   |                                |  |  |                                      |
| S-4  |                        | 1255                                  |  | Solid  |                        | X  |   |  |                   |                          |         |              |   |                                |  |  |                                      |
| S-5  |                        | 1300                                  |  | Solid  |                        | K  | /                                       |  |                   |                          |         |              |   |                                |  |  |                                      |
| S-4  |                        | 1303                                  |  | Solid  |                        | <u> </u>   |   |  |                   |                          |         |              |   |                                |  |  |                                      |
| S-7  |                        | 1306                                  |  | 50/18  |                        | 76   |   |  |                   |                          |         |              |   |                                |  |  |                                      |
| 5-8  |                        | 1310                                  |  |  |                        | ×  |   |  |                   |                          |         |              |   |                                |  |  |                                      |
| 5-9  |                        | 1315                                  |  |  |                        | 丫  |   |  |                   |                          |         |              |   |                                |  |  |                                      |
| S-10   |                        | 1320                                  |  |  |                        | 7  |   |  |                   |                          |         |              |   | 1                              |  |  |                                      |
| 8-11   | l                      | 1325                                  | 1  | Į.   |                        | 7  |   |  |                   |                          |         |              |   |                                |  |  |                                      |
| Possible Hazard Identification   | ואלו                   | г                                     |  |  | Sa                     |  |   |  | ay be a:          | ssesse                   | d if sa | mples        |   |                                | d longer than 1  |  |                                      |
| Non-Hazard Flammable Skin Irritant Pois  Deliverable Requested   | on B 🏸 Unkr            | nown ' Ra                             | diologica  | 1  | - 6,                   | NAME AND ADDRESS OF THE OWNER, TH | Return To                               | Client<br>ns/QC Req  |                   | Disposa                  | al By L | ab           |   | Archi                          | ive For  | Months   | MANIEN COMPANIE MATERIAL DE MASSELLO |
|  |                        |                                       |  | ********************   |                        |  | manucho                                 | nardo ned  | jun emer          |                          |         |              | 18000000000000000000000000000000000000  |                                |  |  |                                      |
| Empty Kit Relinquished by  |                        | Date                                  |  |  | Time                   |  |   | one and the second of the seco |                   |                          |         | Shipment     |   | ****************************** | Mark Charles Control C | -  |                                      |
| Relinquished by  | Date/T m/s / 27        | 1 100                                 | 1535   | Company /  |                        | H <sup>e</sup> ce<br>J   | tuh(n                                   | ul He  | man               | 1dl                      | n       | Date/Tin     | 414                                     | 12                             | 2 0915   | Company<br>EETA  |                                      |
| Relinquished by  | Date/Time:             |                                       |  | Company  |                        | Rece   | eived by                                |  |                   |                          | UI      | Date/*:n     | )e                                      |                                |  | Company  |                                      |
| Relinquished by  | Date/Time              |                                       |  | Company  |                        | Rece   | eived by                                |  |                   |                          |         | Date/Tin     | ne                                      |                                |  | Company  |                                      |
| Custody Seals Intact. Custody Seal No<br>Δ Yes Δ No  |                        | austria anti reputat di 1900 menuncia |  |  | NAME OF TAXABLE PARTY. | Cool   | ler <sup>∓</sup> emperat                | ure(s) °C and  | Other Re          | marks                    | A       | 35           | SH A                                    | y. 4                           | +36  |  |                                      |

**Chain of Custody Record** 

#### **Eurofins Chicago**

2417 Bond Street

University Park IL 60484 Phone 708-534-5200 Fax 708-534-5211

## **Chain of Custody Record**

| 200 | €3 | 1.4 | r | n | fi | n | s |
|-----|----|-----|---|---|----|---|---|
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| Г  | lient Information  | Sampler Qui          | n 4                                     | næ                                      | Lab F<br>Fred  | PM<br>drick S  | andie      | ************************ |           | 20000000000000000000000000000000000000  | Carrie                | r Trackin                               | g No(s) | 1833   | b                            | COC No:<br>500-101813-4  | 4117 1                               | ***************************************  |
|--|--|----------------------|---|---|--|--|------------|--------------------------|-----------|---|-----------------------|---|---------|--|------------------------------|--|--------------------------------------|--|
| CI   | ent Contact:<br>uin Lenz   |                      | 309-4                                   | ····                                    | E-Ma<br>San  |  | drick@et.  | eurofi                   | nsus co   | om                                      | State                 | of Origin                               |         | ***************************************  |                              | Page<br>Page <b>444</b> 2  | 2 of                                 | 2.   |
| C  | mpany  | A                    |   | PWSID:                                  |  | Ī  |            |                          |           | ysis Re                                 |                       |   |         | Market Street Commission of the Commission of th |                              | Job#: 57/A   | 217                                  | CONTRACTOR DE LA CONTRA |
| Ā  | edar Corporation<br>dress.   | Due Date Request     | ted La                                  | 1                                       | I  |  |            |                          | Allais    | 7515 10                                 | Tues                  | .eu                                     |         |  |                              | Preservation C   | odes                                 |  |
| i  | 95 Bellevue Street   | TAT Requested (d     |   | 2 dsr C                                 | <u> </u>   |  |            |                          |           |   |                       |   |         |  |                              | A HCL<br>B NaOH  | M Hexa                               | +  |
| B  | reen Bay<br>ate Zip  |                      | Stan                                    | dare                                    | ,/   |  |            |                          |           |   |                       |   |         |  |                              | C Zn Acetate<br>D Nitric Acid  | O AsNa<br>P Na2C                     | )4S  |
| ٧  | I 54311  | Compliance Proje     | ct: A Yes                               | ΔNo                                     |  | 11   |            |                          |           |   |                       |   |         |  |                              | E NaHSO4<br>F MeOH   | Q Na29<br>R Na29                     | 203  |
|  | one.<br> 5-235-9081(Tel)   | PO#<br>Purchase Orde | r not require                           | d                                       |  |  |            |                          |           |   |                       |   |         |  |                              | G Amchlor<br>H Ascorbic Acid   | S H2SC                               | Dodecahydrate  |
| Er   | nai<br>uin lenz@cedarcorp.com  | WO#                  |   |   | and the second s | or No  |            |                          |           |   |                       |   |         |  | .72294                       | I Ice<br>J DI Water  | V MCA                                | Ą  |
| Pr   | piect Name   | Project#:            | **************************************  | **************************************  | **************************************   |  |            |                          |           |   |                       |   |         |  | men                          | K EDTA<br>L EDA  | V oH 4<br>∀ ⊤ızım                    | ia   |
| S  | CHFIELD TANK PULL  | 50006556<br>SSOV#    | **************************************  |   | anaud 44400 (O Colonosco con angles y Milliones  | 訚邕   |            |                          |           |   |                       |   |         |  | tuo:                         | Other <sup>.</sup>   | Z other                              | specify  |
| <u> </u>   |  | <b></b>              | T                                       |   | T.   | 5 2  | PVOC+NAP   |                          |           | *************************************** |                       |   |         |  | io.                          |  | ************************************ | and the contract of the contra |
|  |  |                      |   | Sample<br>Type                          | Matrix<br>(W=water   | Field Filtered Sample, (Yes or<br>Perform MS/MSD (Yes or No) | PVOC       |                          |           | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                       |   |         |  | Total Number of containers   |  |                                      |  |
| A CHICAGO CONTRACTOR C |  |                      | Sample                                  | (C=comp,                                | S=Jolid,<br>O=waste/oil,   | ΒĘ   | 8260B      |                          |           |   |                       | -                                       |         |  | 8                            |  |                                      |  |
| S  | ample Identification   | Sample Date          | Time                                    |   | BT-Tissue, A=Air)<br>ation Code:   |  | 82         |                          |           | ++                                      | ++                    |   |         |  | ÷                            | Special  | Instructio                           | ns/Note  |
| 12   | S-12   | 6/3/22               | 1330                                    | 6                                       | Solid  | m  | N          |                          |           |   | 111                   |   | Ħ       |  | $\uparrow \uparrow \uparrow$ |  | andoddamtaunin                       |  |
|  | Trip Blank   | 1                    | 10.00                                   | 6                                       | Solid  | H  | 7          |                          |           |   |                       |   |         |  |                              | ***************************************  |                                      |  |
|  |  |                      | <u> </u>                                |   | Solid  | $\sqcap$   |            |                          |           |   |                       |   |         |  |                              |  |                                      |  |
|  |  |                      |   |   | Solid  |  |            |                          |           |   |                       |   |         |  |                              |  | ···                                  | ***************************************  |
|  |  |                      |   |   | Solid  |  |            |                          |           |   |                       |   |         |  |                              |  |                                      |  |
|  |  |                      |   |   | Solid  |  |            |                          |           |   |                       |   |         |  |                              |  |                                      |  |
|  |  |                      |   |   | Solid  |  |            |                          |           |   |                       |   |         |  |                              |  |                                      |  |
|  |  |                      |   |   | Solid  |  |            |                          |           |   |                       |   |         |  |                              |  |                                      |  |
|  |  |                      |   |   | Solid  | Ш  |            |                          |           |   |                       |   |         |  |                              |  |                                      |  |
|  |  |                      |   |   | Solid  |  |            |                          |           |   |                       |   |         |  |                              |  |                                      |  |
|  |  |                      |   |   | Solid  |  |            |                          |           |   |                       |   |         |  |                              |  |                                      |  |
| P  | ossible Hazard Identification  Non-Hazard Flammable Skin Imtant Pois                               |                      |   | D                                       | - 1  | Sa   |            |                          |           | may be                                  | assess<br>Dispos      | ed if s                                 | ample   |  |                              | ed longer than   |                                      |  |
| D  | — Non-Hazard — Flammable — Skin Irritant — Pois<br>eliverable Requested TII III IV Other (specify) | son B / YUnki        | riown                                   | raaiologica                             | 31   | Spe  | Return     |                          |           | /<br>equirem                            | <i>vispos</i><br>ents | ai By Li                                | d₽      |  | Arch                         | ive For  | Moni                                 | IIIS<br>   |
| Ē  | mpty Kit Relinquished by   |                      | Date                                    |   |  | Time   |            |                          |           |   | N                     | lethod of                               | Shipme  | ent.   | **********                   |  |                                      |  |
| R  | elinquished by:  | Eate/ me: 6/2        | /22                                     | 1535                                    | Conspany (Call 4)  | ·  | Received b | ha                       | 01V       | HIM                                     | JUM L                 | lek                                     | Date/   | Time U   | 141                          | 122 0915   | Company                              | 'n   |
| R  | alinqu.shed by   | Date/*ime / /        | /                                       |   | Company  |  | Received b | - <u>, 101</u>           | 1000      | TEALL                                   | WILL                  | <del>*~</del> ()                        | Date/   |  |                              |  | Company                              |  |
| R  | Hinquished by  | Date/*/me            | *************************************** | *************************************** | Company  | ······   | Received b | y.                       |           | V-1                                     |                       |   | Date/   | Time:  |                              |  | Company                              | }  |
| ľ  | Custody Seals Intact: Custody Seal No  | A                    |   |   |  | ******   | Copier Tem | nperatur                 | e(s) °C a | nd Other I                              | Remarks               | *************************************** |         |  |                              | AN COLUMN TO SERVICE AND ADDRESS OF THE PARTY OF THE PART |                                      |  |

### **Login Sample Receipt Checklist**

Client: Cedar Corporation Job Number: 500-217596-1

Login Number: 217596 List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

| Creator. nemanuez, Stephanie   |        |         |
|--|--------|---------|
| Question   | Answer | Comment |
| Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td> | 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   | 3.6     |
| 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    |         |

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# STRAIGHT BILL OF LADING

**GMO-** 4866

| Advance   | ed Tank Service #6497  | Millis Tr  | ansfer  |
|---|--|--|---|
|   | Pick-up 4 drums diese  | I sludge 3001 Ho   | oly Hill Rd   |
|   | East Side of Bldg.   |  | d, WI 53076   |
| Phone number:   |  | O Phone number:  |   |
| ined as indicated be<br>ession of property to<br>ver to another carrie<br>ination, as to each p | below, in apparent good order, except as noted (allow, which said company (the word company be under the contract) agrees to carry to its usual play of route to said destination. It is mutually agree arty at any time interested in all or any of said properties, whether printed or written, herein contained of and his assigns. | ing understood throughout this contra<br>ace of delivery at said destination, if or<br>e, as to each carrier of all or any of sair<br>coperty, that every service to be perfor   | act as meaning any person or corporation in<br>in its own road or its own water line, otherwise<br>id property over all or any portion of said route<br>rmed hereunder shall be subject to all the condi- |
| ute: BEST   | WAY  |  |   |
| livery Carrier:   | ☐ OSI Environmental, Inc.  | US DOT Hazmat Reg  | . Number: MNT 280011586   |
| ernate Carrier:   |  | US DOT Hazmat Reg  | . Number:   |
| mber of   |  |  |   |
| kages HM  | Description of articles  |  | ERG   |
| 1   | RQ, UN1203, Flammable Liquid, N<br>Gasoline for Recycle<br>APPROXIMATE GALLONS:  | I.O.S. 3 PG II   | 128   |
| esignated Facil   | ity OSI ENVIRONMENTAL, 912 TESC  | CHICT WALKESHA WI 531  | 196   |
|   | Specialty Product for Recycle Mineral Oil PG III (NON PCB: APPROXIMATE GALLONS:  |  | 128   |
| esignated Facil   | ity OSI ENVIRONMENTAL, 912 TES(  | CH CT., WAUKESHA, WI 531   | 186   |
|   | Specialty Product for Recycle Mineral Oil PG III (NON PCB: APPROXIMATE GALLONS:  |  | 128   |
| esignated Facil   | ity OSI ENVIRONMENTAL, 912 TESC  | CH CT., WAUKESHA, WI 531   | 86  |
| <u> </u>  | RQ, UN1202, Fuel Oil, Combustible Surplus Fuel for Recycling APPROXIMATE GALLONS: 22   | e Liquid PG III  | LYDGE 128   |
| esignated Facil   | ity OSI ENVIRONMENTAL, 912 TESC  | CH CT., WAUKESHA, WI 531   | 86  |
| is to certify that the al   | pove-named materials are properly classified, described of The Department of Transportation.   | The state of the s |   |
| cards Required  | l: Work  | Placards Supplied:   | NO - Eurnished By Carrier   |
| pper Signature  | BOB Miller   | Carrier Signature:   |   |
| e: 6 13   | 0-22   | Received By. 2011  | 15 Mel Date Cot3  |
| STOMER PRO  | OJECT NUMBER:  |  |   |
| IIT #:  | MAS  | OSI Environmental, I<br>912 Tesch Court  | Inc. 800-732-5667<br>EPA # WIR000147397 WDNR #14740   |

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 732-5667