



IOWA DEPARTMENT OF NATURAL RESOURCES

REQUEST FOR SPECIAL WASTE AUTHORIZATION



Check one of the following:

☒ New Application

☐ Renewal, Existing SWA #: _____

The intent of a special waste authorization is to provide safe and proper management for disposal of wastes which present a threat to human health or the environment or a waste with inherent properties which make the disposal of the waste in a sanitary landfill difficult to manage. It is each landfill's responsibility to inform the waste generator if a waste should be handled as a special waste and to ensure that special wastes delivered to the landfill conform to the Special Waste Acceptance Criteria (SWAC) on file with the Department. It is the Department's responsibility to review each application for a special waste authorization to verify that the proposed waste can be landfilled under the current regulations in Iowa.

READ THE FOLLOWING INSTRUCTIONS BEFORE COMPLETING THIS APPLICATION

Waste Generator:

1. Complete Sections 1-3 of this application applicable to the waste characterization and disposal information.
2. Attach Toxicity Characteristic Leaching Procedure (TCLP) test results, material safety data sheet(s) (MSDS), or evidence of "processor knowledge" when appropriate that demonstrates the waste is not considered a characteristic hazardous waste exhibiting the properties of flammability, corrosivity, reactivity or toxicity or a listed hazardous waste as defined in 40 CFR Part 261, Subpart D.
3. Provide signature in Section 3 to verify that the information provided is true, accurate and complete.
4. Mail or deliver the completed application with attachments to the requested disposal destination (must be a landfill that is authorized to accept waste from the service area of where the waste was generated). Please contact Mike Smith at (515) 229-8356 for a list of landfills authorized to accept waste from the service area in which your facility is located.

Receiving Landfill: Prior review of this application by the receiving landfill allows the department to more quickly process and evaluate the application.

1. Complete Section 5 of this application applicable to the landfill.
2. Indicate by signing the application that the landfill is willing to accept the waste if a Special Waste Authorization is issued by the department and if instructions for disposal of the waste, as contained in the landfill's SWAC, are followed by the generator.
3. Attach SWAC procedures for disposal of the waste.
4. Keep 1 copy for your records and submit the remaining one copy of the completed application with attachments (TCLP, MSDS, SWAC, etc.) to the department at the following address, or email to mike.smith@dnr.iowa.gov:

Iowa Department of Natural Resources
Land Quality Bureau- Attn: Mike Smith
6200 Park Ave Ste 200
Des Moines, IA 50321

Applications will be considered incomplete if not signed by both the waste generator and receiving landfill. The receiving landfill must attach a copy of the SWAC for the particular waste for which the application has been submitted.

Written notification of approval or rejection will be mailed or emailed to the generator and landfill. If approved, a copy of the authorization must accompany the waste hauler to the landfill.

For questions concerning this application contact Mike Smith at (515) 229-8356 or mike.smith@dnr.iowa.gov.

SECTION 1: WASTE GENERATOR INFORMATION

Name of Primary Contact* Jacob Zoss Title Biodiesel Superintendent

**SWA approvals will be sent to this person at the address provided below.*

Company Name Cargill, Inc. - Iowa Falls

Mailing Address 602 Industrial Rd.

City Iowa Falls State IA Zip Code 50126

Telephone # 765-404-7904 Email Address jacob_zoss@cargill.com

Address or location of the point of generation of the waste, if different from the company address:

Address _____

City _____ State _____ Zip Code _____

SECTION 2: WASTE CHARACTERIZATION

Waste determined to be hazardous may not be landfilled in Iowa. Attach TCLP analysis that demonstrates the waste is not considered hazardous. For raw or virgin materials being disposed of, a MSDS that indicates the waste is not hazardous may be submitted in lieu of a TCLP analysis.

The generator may also apply knowledge of the hazardous characteristic(s) of the waste in light of the materials or the processes used ("knowledge of process"). In order to use knowledge to characterize the waste, the knowledge that is applied must be valid and verifiable and the generator must be able to demonstrate the basis for their claim by providing supporting information to justify that conclusion.

Name and description of waste. Please address any RCRA listings derived from wastes etc., that may be applicable and why these listings would not pertain to the waste:

Rail trenches waste.

Has any pretreatment been utilized? If so, please describe the pretreatment process:

None

List the alternatives to disposal that were analyzed and reason not utilized (*attach extra sheets if necessary*):

None

Physical state at room temperature? ☒ Solid ☐ Semi-Solid ☐ Liquid
Percent (%) Solid: 100 pH: 5.0 Flashpoint: >200 deg F

Does this waste pass the paint filter liquids test?

Free liquids are prohibited from landfill disposal. Free liquids are defined as the liquid produced when a 100-millimeter or 100-gram representative sample is placed on a standard mesh number 60 (fine mesh size) conical paint filter for five minutes. ☒ Yes ☐ No

Is this waste a listed hazardous waste as identified in 40 CFR 261, Subpart D? Refer to the following web link to find listed hazardous wastes: <http://www.gpoaccess.gov/cfr/index.html> ☐ Yes ☒ No

Does this waste exhibit the property of *ignitability* as defined in 40 CFR 261, Subpart C? ☐ Yes ☒ No

Does this waste exhibit the property of *corrosivity* as defined in 40 CFR 261, Subpart C? ☐ Yes ☒ No

Does this waste exhibit the property of *reactivity* as defined in 40 CFR 261, Subpart C? ☐ Yes ☒ No

Does this waste exhibit the property of *toxicity* as defined in 40 CFR 261, Subpart C? ☐ Yes ☒ No

SECTION 3: WASTE DISPOSAL INFORMATION

Indicate the proposed disposal location and if this is a request for an ongoing disposal of a special waste or a one-time disposal. If on going, indicate the approximate amount in pounds to be disposed of quarterly.

Landfill Name* Rural Iowa Waste Management Association #42-SDP-01-72

**List only a landfill that is authorized to accept waste from the service area of where the waste was generated. Sue Johnson at (515) 217-0872 or susan.johnson@dnr.iowa.gov for a list of landfills authorized to accept waste from your facility.*

☐ Ongoing (or intermittent) with an average disposal rate per quarter of _____ pounds

Indicate the amount on hand to be disposed of immediately: _____ pounds

☒ One time only, with an estimated quantity of 20,000 pounds

SECTION 4: WASTE GENERATOR CERTIFICATION

"I certify under penalty of law (§455B.417.1(c), Code of Iowa) that I have examined and am familiar with the information submitted in this document concerning hazardous waste, and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete."

Applicant Signature: _____

Date: 6/8/26

Printed Name: _____

Jacob Burr

Title: Biodiesel Superintendent

See Landfill Information on the following page.

SECTION 5: LANDFILL INFORMATION

The following section is to be completed by the receiving landfill. By signing below, the landfill verifies that the application has been examined and if approved by the department, is willing to accept the waste described within, provided that instructions for disposal of the waste, as contained in the landfill's Special Waste Acceptance Criteria, are followed by the generator.

Prior review of this application by the receiving landfill will allow the department to more quickly process and evaluate the application. Please address the following:

Indicate the properties that lead you to believe this is a special waste:

We do not know what material is in the waste.

Indicate any special handling procedures that the waste generator must follow prior to delivery at the landfill:

- 24 hour notice before hauling it to the Landfill.*
- must mix with solids to pass paint filter liquid test.*

Name of Responsible Official*: Clint Beents

*SWA approvals will be sent to this person at the address given below.

Solid Waste Agency Name Rural Iowa Waste Management Association

Mailing Address 20488 M AVE

City Eldora

State IA

Zip Code 50627

Telephone # 641-858-5904

Email Address director@riwma.com

Responsible Official Signature: clint beents

Date: 6-19-26

ANALYTICAL REPORT

PREPARED FOR

Attn: Scott Currin
Eagle Services Corporation
24227 W. Riverside Dr.
Channahon, Illinois 60410

Generated 5/8/2026 5:06:43 PM

JOB DESCRIPTION

Cargill Iowa Falls

JOB NUMBER

500-285512-1

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.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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Authorized for release by
Patrick Letterer, Project Manager II
Patrick.Letterer@et.eurofinsus.com
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Case Narrative

Client: Eagle Services Corporation
Project: Cargill Iowa Falls

Job ID: 500-285512-1

Job ID: 500-285512-1

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Job Narrative 500-285512-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/29/2026 12:50 PM. 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 time was 1.3°C.

GC/MS VOA

Method 8260D - TCLP: The continuing calibration verification (CCV) analyzed in batch 500-864709 was above the method criteria for the following analyte(s): 2-Butanone (MEK). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

GC/MS Semi VOA

Method 8270E - TCLP: The following samples were diluted due to the nature of the sample matrix: #1 Trench Sludge (500-285512-1), #2 Trench Sludge (500-285512-2), #3 Soap Stock (500-285512-3), #4 Soap Stock (500-285512-4) and #5 Trench Sludge (500-285512-5). 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.

Herbicides

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

Pesticides

Method 8081B - TCLP: Surrogate recovery for the following samples were outside control limits: #3 Soap Stock (500-285512-3) and #4 Soap Stock (500-285512-4). Evidence of matrix interference is present; therefore, re-extraction was not performed.

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

Metals

Method 7470A - TCLP: Due to the matrix, the initial volumes used for the following samples deviated from the standard procedure: #3 Soap Stock (500-285512-3) and #4 Soap Stock (500-285512-4). The reporting limits (RLs) have been adjusted proportionately.

Method 7470A - TCLP: The laboratory control sample (LCS) for preparation batch 500-865355 and analytical batch 500-865532 recovered outside control limits for the following analytes: Mercury. These analytes were biased high in the LCS due to the target analyte being added twice (analyst error). Sample values were non-detect; therefore, the data have been reported.

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

General Chemistry

Method 9012B: Sample #2 Trench Sludge (500-285512-2) was re-ran out of hold and confirms the in hold results.

#2 Trench Sludge (500-285512-2)

Method 9012B: Reanalysis of the following sample was performed outside of the analytical holding time due to QC failures during

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Case Narrative

Client: Eagle Services Corporation
Project: Cargill Iowa Falls

Job ID: 500-285512-1

Job ID: 500-285512-1 (Continued)

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initial analysis: #5 Trench Sludge (500-285512-5).

Method D92: The following sample boiled at the reported temperature. Per the SOP, this data has been recorded and the result is reported as greater than the temperature at which the sample began to boil.

#4 Soap Stock (500-285512-4)

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

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Detection Summary

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #1 Trench Sludge

Lab Sample ID: 500-285512-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3 & 4 Methylphenol	110		100		ug/L	5		8270E	TCLP
Barium	0.019		0.010		mg/L	1		6010D	TCLP
Selenium	0.010		0.010		mg/L	1		6010D	TCLP
Cyanide, Total	0.77		0.31		mg/Kg	1	✱	9012B	Total/NA
pH	5.0	HF	0.2		SU	1		9045D	Total/NA
Temperature	21.3	HF	2.0		Degrees C	1		9045D	Total/NA
Free Liquid	PASS				No Unit	1		9095B	Total/NA
Flashpoint	>200		99.0		Degrees F	1		D92	Total/NA

Client Sample ID: #2 Trench Sludge

Lab Sample ID: 500-285512-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.022		0.010		mg/L	1		6010D	TCLP
Cyanide, Total	1.5	^	0.35		mg/Kg	1	✱	9012B	Total/NA
pH	4.9	HF	0.2		SU	1		9045D	Total/NA
Temperature	21.2	HF	2.0		Degrees C	1		9045D	Total/NA
Free Liquid	FAIL				No Unit	1		9095B	Total/NA
Flashpoint	>200		99.0		Degrees F	1		D92	Total/NA

Client Sample ID: #3 Soap Stock

Lab Sample ID: 500-285512-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	130		100		ug/L	20		8260D	TCLP
Barium	0.011		0.010		mg/L	1		6010D	TCLP
pH	4.7	HF	0.2		SU	1		9045D	Total/NA
Temperature	21.2	HF	2.0		Degrees C	1		9045D	Total/NA
Free Liquid	FAIL				No Unit	1		9095B	Total/NA
Flashpoint	>200		99.0		Degrees F	1		D92	Total/NA

Client Sample ID: #4 Soap Stock

Lab Sample ID: 500-285512-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	110		100		ug/L	20		8260D	TCLP
Barium	0.017		0.010		mg/L	1		6010D	TCLP
Selenium	0.014		0.010		mg/L	1		6010D	TCLP
pH	4.5	HF	0.2		SU	1		9045D	Total/NA
Temperature	21.3	HF	2.0		Degrees C	1		9045D	Total/NA
Free Liquid	FAIL				No Unit	1		9095B	Total/NA
Flashpoint	>117		99.0		Degrees F	1		D92	Total/NA

Client Sample ID: #5 Trench Sludge

Lab Sample ID: 500-285512-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3 & 4 Methylphenol	100		100		ug/L	5		8270E	TCLP
Barium	0.016		0.010		mg/L	1		6010D	TCLP
pH	5.1	HF	0.2		SU	1		9045D	Total/NA
Temperature	21.4	HF	2.0		Degrees C	1		9045D	Total/NA
Free Liquid	FAIL				No Unit	1		9095B	Total/NA
Flashpoint	>200		99.0		Degrees F	1		D92	Total/NA

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
8081B	Organochlorine Pesticides (GC)	SW846	EET CHI
8151A	Herbicides (GC)	SW846	EET CHI
6010D	Metals (ICP)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total and/or Amenable	SW846	EET CHI
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	EET CHI
9045D	pH	SW846	EET CHI
9095B	Paint Filter	SW846	EET CHI
D92	Flashpoint	ASTM	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
1311	TCLP Extraction	SW846	EET CHI
3010A	Preparation, Total Metals	SW846	EET CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI
8151A	Extraction (Herbicides)	SW846	EET CHI
9010C	Cyanide, Distillation	SW846	EET CHI
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	SW846	EET CHI

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-285512-1	#1 Trench Sludge	Solid	04/24/26 15:00	04/29/26 12:50	Iowa
500-285512-2	#2 Trench Sludge	Solid	04/16/26 18:00	04/29/26 12:50	Iowa
500-285512-3	#3 Soap Stock	Solid	04/23/26 15:00	04/29/26 12:50	Iowa
500-285512-4	#4 Soap Stock	Solid	04/23/26 15:00	04/29/26 12:50	Iowa
500-285512-5	#5 Trench Sludge	Solid	04/16/26 18:00	04/29/26 12:50	Iowa

Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #1 Trench Sludge

Lab Sample ID: 500-285512-1

Date Collected: 04/24/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<20		20		ug/L			05/05/26 04:25	20
Carbon tetrachloride	<20		20		ug/L			05/05/26 04:25	20
Chlorobenzene	<20		20		ug/L			05/05/26 04:25	20
Chloroform	<40		40		ug/L			05/05/26 04:25	20
1,2-Dichloroethane	<20		20		ug/L			05/05/26 04:25	20
1,1-Dichloroethene	<20		20		ug/L			05/05/26 04:25	20
2-Butanone (MEK)	<100		100		ug/L			05/05/26 04:25	20
Tetrachloroethene	<20		20		ug/L			05/05/26 04:25	20
Trichloroethene	<20		20		ug/L			05/05/26 04:25	20
Vinyl chloride	<20		20		ug/L			05/05/26 04:25	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		75 - 126		05/05/26 04:25	20
Toluene-d8 (Surr)	92		75 - 120		05/05/26 04:25	20
4-Bromofluorobenzene (Surr)	109		72 - 124		05/05/26 04:25	20
Dibromofluoromethane (Surr)	91		75 - 120		05/05/26 04:25	20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<100		100		ug/L		05/07/26 19:10	05/08/26 11:56	5
3 & 4 Methylphenol	110		100		ug/L		05/07/26 19:10	05/08/26 11:56	5
1,4-Dichlorobenzene	<100		100		ug/L		05/07/26 19:10	05/08/26 11:56	5
2,4-Dinitrotoluene	<50		50		ug/L		05/07/26 19:10	05/08/26 11:56	5
Hexachlorobenzene	<25		25		ug/L		05/07/26 19:10	05/08/26 11:56	5
Hexachlorobutadiene	<250		250		ug/L		05/07/26 19:10	05/08/26 11:56	5
Hexachloroethane	<250		250		ug/L		05/07/26 19:10	05/08/26 11:56	5
Nitrobenzene	<50		50		ug/L		05/07/26 19:10	05/08/26 11:56	5
Pentachlorophenol	<1000		1000		ug/L		05/07/26 19:10	05/08/26 11:56	5
Pyridine	<1000		1000		ug/L		05/07/26 19:10	05/08/26 11:56	5
2,4,5-Trichlorophenol	<500		500		ug/L		05/07/26 19:10	05/08/26 11:56	5
2,4,6-Trichlorophenol	<250		250		ug/L		05/07/26 19:10	05/08/26 11:56	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	50		27 - 110	05/07/26 19:10	05/08/26 11:56	5
Phenol-d5 (Surr)	42		20 - 100	05/07/26 19:10	05/08/26 11:56	5
Nitrobenzene-d5 (Surr)	84		36 - 120	05/07/26 19:10	05/08/26 11:56	5
2-Fluorobiphenyl (Surr)	78		34 - 110	05/07/26 19:10	05/08/26 11:56	5
2,4,6-Tribromophenol (Surr)	79		40 - 145	05/07/26 19:10	05/08/26 11:56	5
Terphenyl-d14 (Surr)	92		40 - 145	05/07/26 19:10	05/08/26 11:56	5

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	<10		10		ug/L		05/05/26 08:46	05/05/26 16:48	1
Endrin	<5.0		5.0		ug/L		05/05/26 08:46	05/05/26 16:48	1
Heptachlor	<4.0		4.0		ug/L		05/05/26 08:46	05/05/26 16:48	1
Heptachlor epoxide	<4.0		4.0		ug/L		05/05/26 08:46	05/05/26 16:48	1
gamma-BHC (Lindane)	<5.0		5.0		ug/L		05/05/26 08:46	05/05/26 16:48	1
Methoxychlor	<10		10		ug/L		05/05/26 08:46	05/05/26 16:48	1
Toxaphene	<50		50		ug/L		05/05/26 08:46	05/05/26 16:48	1

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Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #1 Trench Sludge

Lab Sample ID: 500-285512-1

Date Collected: 04/24/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	40		30 - 130	05/05/26 08:46	05/05/26 16:48	1
Tetrachloro-m-xylene	50		30 - 120	05/05/26 08:46	05/05/26 16:48	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<25		25		ug/L		05/05/26 05:34	05/05/26 17:30	1
Silvex (2,4,5-TP)	<25		25		ug/L		05/05/26 05:34	05/05/26 17:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DICHLOROPHENYLACETICACID24-	59		25 - 130	05/05/26 05:34	05/05/26 17:30	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 19:41	1
Barium	0.019		0.010		mg/L		05/03/26 14:35	05/04/26 19:41	1
Cadmium	<0.0020		0.0020		mg/L		05/03/26 14:35	05/04/26 19:41	1
Chromium	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 19:41	1
Lead	<0.0050		0.0050		mg/L		05/03/26 14:35	05/04/26 19:41	1
Selenium	0.010		0.010		mg/L		05/03/26 14:35	05/04/26 19:41	1
Silver	<0.0050		0.0050		mg/L		05/03/26 14:35	05/04/26 19:41	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20	*+	0.20		ug/L		05/07/26 18:00	05/08/26 14:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	5.0	HF	0.2		SU			05/01/26 11:15	1
Temperature (SW846 9045D)	21.3	HF	2.0		Degrees C			05/01/26 11:15	1
Free Liquid (SW846 9095B)	PASS				No Unit			05/06/26 04:10	1
Flashpoint (ASTM D92)	>200		99.0		Degrees F			05/06/26 05:40	1

Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #1 Trench Sludge

Lab Sample ID: 500-285512-1

Date Collected: 04/24/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Percent Solids: 71.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.77		0.31		mg/Kg	☼	05/05/26 09:00	05/05/26 15:53	1
Sulfide (SW846 9034)	<14		14		mg/Kg	☼	04/30/26 10:01	04/30/26 14:07	1

Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #2 Trench Sludge

Lab Sample ID: 500-285512-2

Date Collected: 04/16/26 18:00

Matrix: Solid

Date Received: 04/29/26 12:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<20		20		ug/L			05/05/26 04:48	20
Carbon tetrachloride	<20		20		ug/L			05/05/26 04:48	20
Chlorobenzene	<20		20		ug/L			05/05/26 04:48	20
Chloroform	<40		40		ug/L			05/05/26 04:48	20
1,2-Dichloroethane	<20		20		ug/L			05/05/26 04:48	20
1,1-Dichloroethene	<20		20		ug/L			05/05/26 04:48	20
2-Butanone (MEK)	<100		100		ug/L			05/05/26 04:48	20
Tetrachloroethene	<20		20		ug/L			05/05/26 04:48	20
Trichloroethene	<20		20		ug/L			05/05/26 04:48	20
Vinyl chloride	<20		20		ug/L			05/05/26 04:48	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		75 - 126		05/05/26 04:48	20
Toluene-d8 (Surr)	91		75 - 120		05/05/26 04:48	20
4-Bromofluorobenzene (Surr)	109		72 - 124		05/05/26 04:48	20
Dibromofluoromethane (Surr)	94		75 - 120		05/05/26 04:48	20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<100		100		ug/L		05/07/26 19:10	05/08/26 12:18	5
3 & 4 Methylphenol	<100		100		ug/L		05/07/26 19:10	05/08/26 12:18	5
1,4-Dichlorobenzene	<100		100		ug/L		05/07/26 19:10	05/08/26 12:18	5
2,4-Dinitrotoluene	<50		50		ug/L		05/07/26 19:10	05/08/26 12:18	5
Hexachlorobenzene	<25		25		ug/L		05/07/26 19:10	05/08/26 12:18	5
Hexachlorobutadiene	<250		250		ug/L		05/07/26 19:10	05/08/26 12:18	5
Hexachloroethane	<250		250		ug/L		05/07/26 19:10	05/08/26 12:18	5
Nitrobenzene	<50		50		ug/L		05/07/26 19:10	05/08/26 12:18	5
Pentachlorophenol	<1000		1000		ug/L		05/07/26 19:10	05/08/26 12:18	5
Pyridine	<1000		1000		ug/L		05/07/26 19:10	05/08/26 12:18	5
2,4,5-Trichlorophenol	<500		500		ug/L		05/07/26 19:10	05/08/26 12:18	5
2,4,6-Trichlorophenol	<250		250		ug/L		05/07/26 19:10	05/08/26 12:18	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	55		27 - 110	05/07/26 19:10	05/08/26 12:18	5
Phenol-d5 (Surr)	45		20 - 100	05/07/26 19:10	05/08/26 12:18	5
Nitrobenzene-d5 (Surr)	90		36 - 120	05/07/26 19:10	05/08/26 12:18	5
2-Fluorobiphenyl (Surr)	86		34 - 110	05/07/26 19:10	05/08/26 12:18	5
2,4,6-Tribromophenol (Surr)	85		40 - 145	05/07/26 19:10	05/08/26 12:18	5
Terphenyl-d14 (Surr)	89		40 - 145	05/07/26 19:10	05/08/26 12:18	5

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	<10		10		ug/L		05/05/26 08:46	05/05/26 17:00	1
Endrin	<5.0		5.0		ug/L		05/05/26 08:46	05/05/26 17:00	1
Heptachlor	<4.0		4.0		ug/L		05/05/26 08:46	05/05/26 17:00	1
Heptachlor epoxide	<4.0		4.0		ug/L		05/05/26 08:46	05/05/26 17:00	1
gamma-BHC (Lindane)	<5.0		5.0		ug/L		05/05/26 08:46	05/05/26 17:00	1
Methoxychlor	<10		10		ug/L		05/05/26 08:46	05/05/26 17:00	1
Toxaphene	<50		50		ug/L		05/05/26 08:46	05/05/26 17:00	1

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Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #2 Trench Sludge

Lab Sample ID: 500-285512-2

Date Collected: 04/16/26 18:00

Matrix: Solid

Date Received: 04/29/26 12:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		30 - 130	05/05/26 08:46	05/05/26 17:00	1
Tetrachloro-m-xylene	65		30 - 120	05/05/26 08:46	05/05/26 17:00	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<25		25		ug/L		05/05/26 05:34	05/05/26 17:48	1
Silvex (2,4,5-TP)	<25		25		ug/L		05/05/26 05:34	05/05/26 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DICHLOROPHENYLACETICACID24-	71		25 - 130	05/05/26 05:34	05/05/26 17:48	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 19:46	1
Barium	0.022		0.010		mg/L		05/03/26 14:35	05/04/26 19:46	1
Cadmium	<0.0020		0.0020		mg/L		05/03/26 14:35	05/04/26 19:46	1
Chromium	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 19:46	1
Lead	<0.0050		0.0050		mg/L		05/03/26 14:35	05/04/26 19:46	1
Selenium	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 19:46	1
Silver	<0.0050		0.0050		mg/L		05/03/26 14:35	05/04/26 19:46	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20	*+	0.20		ug/L		05/07/26 18:00	05/08/26 14:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	4.9	HF	0.2		SU			05/01/26 11:17	1
Temperature (SW846 9045D)	21.2	HF	2.0		Degrees C			05/01/26 11:17	1
Free Liquid (SW846 9095B)	FAIL				No Unit			05/06/26 04:20	1
Flashpoint (ASTM D92)	>200		99.0		Degrees F			05/06/26 06:00	1

Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #2 Trench Sludge

Lab Sample ID: 500-285512-2

Date Collected: 04/16/26 18:00

Matrix: Solid

Date Received: 04/29/26 12:50

Percent Solids: 60.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	1.5	^L	0.35		mg/Kg	☼	04/30/26 13:54	04/30/26 17:29	1
Sulfide (SW846 9034)	<14	H3	14		mg/Kg	☼	04/30/26 10:02	04/30/26 14:10	1

Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #3 Soap Stock

Lab Sample ID: 500-285512-3

Date Collected: 04/23/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<20		20		ug/L			05/05/26 05:11	20
Carbon tetrachloride	<20		20		ug/L			05/05/26 05:11	20
Chlorobenzene	<20		20		ug/L			05/05/26 05:11	20
Chloroform	<40		40		ug/L			05/05/26 05:11	20
1,2-Dichloroethane	<20		20		ug/L			05/05/26 05:11	20
1,1-Dichloroethene	<20		20		ug/L			05/05/26 05:11	20
2-Butanone (MEK)	130		100		ug/L			05/05/26 05:11	20
Tetrachloroethene	<20		20		ug/L			05/05/26 05:11	20
Trichloroethene	<20		20		ug/L			05/05/26 05:11	20
Vinyl chloride	<20		20		ug/L			05/05/26 05:11	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		05/05/26 05:11	20
Toluene-d8 (Surr)	91		75 - 120		05/05/26 05:11	20
4-Bromofluorobenzene (Surr)	110		72 - 124		05/05/26 05:11	20
Dibromofluoromethane (Surr)	95		75 - 120		05/05/26 05:11	20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<100		100		ug/L		05/07/26 19:10	05/08/26 13:01	5
3 & 4 Methylphenol	<100		100		ug/L		05/07/26 19:10	05/08/26 13:01	5
1,4-Dichlorobenzene	<100		100		ug/L		05/07/26 19:10	05/08/26 13:01	5
2,4-Dinitrotoluene	<50		50		ug/L		05/07/26 19:10	05/08/26 13:01	5
Hexachlorobenzene	<25		25		ug/L		05/07/26 19:10	05/08/26 13:01	5
Hexachlorobutadiene	<250		250		ug/L		05/07/26 19:10	05/08/26 13:01	5
Hexachloroethane	<250		250		ug/L		05/07/26 19:10	05/08/26 13:01	5
Nitrobenzene	<50		50		ug/L		05/07/26 19:10	05/08/26 13:01	5
Pentachlorophenol	<1000		1000		ug/L		05/07/26 19:10	05/08/26 13:01	5
Pyridine	<1000		1000		ug/L		05/07/26 19:10	05/08/26 13:01	5
2,4,5-Trichlorophenol	<500		500		ug/L		05/07/26 19:10	05/08/26 13:01	5
2,4,6-Trichlorophenol	<250		250		ug/L		05/07/26 19:10	05/08/26 13:01	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	33		27 - 110	05/07/26 19:10	05/08/26 13:01	5
Phenol-d5 (Surr)	25		20 - 100	05/07/26 19:10	05/08/26 13:01	5
Nitrobenzene-d5 (Surr)	70		36 - 120	05/07/26 19:10	05/08/26 13:01	5
2-Fluorobiphenyl (Surr)	63		34 - 110	05/07/26 19:10	05/08/26 13:01	5
2,4,6-Tribromophenol (Surr)	58		40 - 145	05/07/26 19:10	05/08/26 13:01	5
Terphenyl-d14 (Surr)	70		40 - 145	05/07/26 19:10	05/08/26 13:01	5

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	<10		10		ug/L		05/05/26 08:46	05/05/26 17:36	1
Endrin	<5.0		5.0		ug/L		05/05/26 08:46	05/05/26 17:36	1
Heptachlor	<4.0		4.0		ug/L		05/05/26 08:46	05/05/26 17:36	1
Heptachlor epoxide	<4.0		4.0		ug/L		05/05/26 08:46	05/05/26 17:36	1
gamma-BHC (Lindane)	<5.0		5.0		ug/L		05/05/26 08:46	05/05/26 17:36	1
Methoxychlor	<10		10		ug/L		05/05/26 08:46	05/05/26 17:36	1
Toxaphene	<50		50		ug/L		05/05/26 08:46	05/05/26 17:36	1

Eurofins Chicago

Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #3 Soap Stock

Lab Sample ID: 500-285512-3

Date Collected: 04/23/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	5	S1-	30 - 130	05/05/26 08:46	05/05/26 17:36	1
Tetrachloro-m-xylene	10	S1-	30 - 120	05/05/26 08:46	05/05/26 17:36	1

Method: SW846 8151A - Herbicides (GC) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<25		25		ug/L		05/05/26 05:34	05/05/26 18:06	1
Silvex (2,4,5-TP)	<25		25		ug/L		05/05/26 05:34	05/05/26 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DICHLOROPHENYLACETICACID24-	67		25 - 130	05/05/26 05:34	05/05/26 18:06	1

Method: SW846 6010D - Metals (ICP) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 19:50	1
Barium	0.011		0.010		mg/L		05/03/26 14:35	05/04/26 19:50	1
Cadmium	<0.0020		0.0020		mg/L		05/03/26 14:35	05/04/26 19:50	1
Chromium	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 19:50	1
Lead	<0.0050		0.0050		mg/L		05/03/26 14:35	05/04/26 19:50	1
Selenium	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 19:50	1
Silver	<0.0050		0.0050		mg/L		05/03/26 14:35	05/04/26 19:50	1

Method: SW846 7470A - Mercury (CVAA) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<1.0	*+	1.0		ug/L		05/07/26 18:00	05/08/26 14:11	1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	4.7	HF	0.2		SU			05/01/26 11:20	1
Temperature (SW846 9045D)	21.2	HF	2.0		Degrees C			05/01/26 11:20	1
Free Liquid (SW846 9095B)	FAIL				No Unit			05/06/26 04:30	1
Flashpoint (ASTM D92)	>200		99.0		Degrees F			05/06/26 06:20	1

Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #3 Soap Stock

Lab Sample ID: 500-285512-3

Date Collected: 04/23/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Percent Solids: 70.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.30		0.30		mg/Kg	☼	05/05/26 09:00	05/05/26 15:55	1
Sulfide (SW846 9034)	<13		13		mg/Kg	☼	04/30/26 10:04	04/30/26 14:12	1

Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #4 Soap Stock

Lab Sample ID: 500-285512-4

Date Collected: 04/23/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<20		20		ug/L			05/05/26 05:33	20
Carbon tetrachloride	<20		20		ug/L			05/05/26 05:33	20
Chlorobenzene	<20		20		ug/L			05/05/26 05:33	20
Chloroform	<40		40		ug/L			05/05/26 05:33	20
1,2-Dichloroethane	<20		20		ug/L			05/05/26 05:33	20
1,1-Dichloroethene	<20		20		ug/L			05/05/26 05:33	20
2-Butanone (MEK)	110		100		ug/L			05/05/26 05:33	20
Tetrachloroethene	<20		20		ug/L			05/05/26 05:33	20
Trichloroethene	<20		20		ug/L			05/05/26 05:33	20
Vinyl chloride	<20		20		ug/L			05/05/26 05:33	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		05/05/26 05:33	20
Toluene-d8 (Surr)	91		75 - 120		05/05/26 05:33	20
4-Bromofluorobenzene (Surr)	110		72 - 124		05/05/26 05:33	20
Dibromofluoromethane (Surr)	94		75 - 120		05/05/26 05:33	20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<100		100		ug/L		05/07/26 19:10	05/08/26 13:23	5
3 & 4 Methylphenol	<100		100		ug/L		05/07/26 19:10	05/08/26 13:23	5
1,4-Dichlorobenzene	<100		100		ug/L		05/07/26 19:10	05/08/26 13:23	5
2,4-Dinitrotoluene	<50		50		ug/L		05/07/26 19:10	05/08/26 13:23	5
Hexachlorobenzene	<25		25		ug/L		05/07/26 19:10	05/08/26 13:23	5
Hexachlorobutadiene	<250		250		ug/L		05/07/26 19:10	05/08/26 13:23	5
Hexachloroethane	<250		250		ug/L		05/07/26 19:10	05/08/26 13:23	5
Nitrobenzene	<50		50		ug/L		05/07/26 19:10	05/08/26 13:23	5
Pentachlorophenol	<1000		1000		ug/L		05/07/26 19:10	05/08/26 13:23	5
Pyridine	<1000		1000		ug/L		05/07/26 19:10	05/08/26 13:23	5
2,4,5-Trichlorophenol	<500		500		ug/L		05/07/26 19:10	05/08/26 13:23	5
2,4,6-Trichlorophenol	<250		250		ug/L		05/07/26 19:10	05/08/26 13:23	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	35		27 - 110	05/07/26 19:10	05/08/26 13:23	5
Phenol-d5 (Surr)	25		20 - 100	05/07/26 19:10	05/08/26 13:23	5
Nitrobenzene-d5 (Surr)	74		36 - 120	05/07/26 19:10	05/08/26 13:23	5
2-Fluorobiphenyl (Surr)	57		34 - 110	05/07/26 19:10	05/08/26 13:23	5
2,4,6-Tribromophenol (Surr)	61		40 - 145	05/07/26 19:10	05/08/26 13:23	5
Terphenyl-d14 (Surr)	56		40 - 145	05/07/26 19:10	05/08/26 13:23	5

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	<10		10		ug/L		05/05/26 08:46	05/05/26 17:48	1
Endrin	<5.0		5.0		ug/L		05/05/26 08:46	05/05/26 17:48	1
Heptachlor	<4.0		4.0		ug/L		05/05/26 08:46	05/05/26 17:48	1
Heptachlor epoxide	<4.0		4.0		ug/L		05/05/26 08:46	05/05/26 17:48	1
gamma-BHC (Lindane)	<5.0		5.0		ug/L		05/05/26 08:46	05/05/26 17:48	1
Methoxychlor	<10		10		ug/L		05/05/26 08:46	05/05/26 17:48	1
Toxaphene	<50		50		ug/L		05/05/26 08:46	05/05/26 17:48	1

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Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #4 Soap Stock

Lab Sample ID: 500-285512-4

Date Collected: 04/23/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	5	S1-	30 - 130				05/05/26 08:46	05/05/26 17:48	1
Tetrachloro-m-xylene	15	S1-	30 - 120				05/05/26 08:46	05/05/26 17:48	1
Method: SW846 8151A - Herbicides (GC) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<25		25		ug/L		05/05/26 05:34	05/05/26 18:24	1
Silvex (2,4,5-TP)	<25		25		ug/L		05/05/26 05:34	05/05/26 18:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DICHLOROPHENYLACETICACID24-	79		25 - 130				05/05/26 05:34	05/05/26 18:24	1
Method: SW846 6010D - Metals (ICP) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 19:55	1
Barium	0.017		0.010		mg/L		05/03/26 14:35	05/04/26 19:55	1
Cadmium	<0.0020		0.0020		mg/L		05/03/26 14:35	05/04/26 19:55	1
Chromium	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 19:55	1
Lead	<0.0050		0.0050		mg/L		05/03/26 14:35	05/04/26 19:55	1
Selenium	0.014		0.010		mg/L		05/03/26 14:35	05/04/26 19:55	1
Silver	<0.0050		0.0050		mg/L		05/03/26 14:35	05/04/26 19:55	1
Method: SW846 7470A - Mercury (CVAA) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<1.0	*+	1.0		ug/L		05/07/26 18:00	05/08/26 14:13	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	4.5	HF	0.2		SU			05/01/26 11:22	1
Temperature (SW846 9045D)	21.3	HF	2.0		Degrees C			05/01/26 11:22	1
Free Liquid (SW846 9095B)	FAIL				No Unit			05/06/26 04:40	1
Flashpoint (ASTM D92)	>117		99.0		Degrees F			05/06/26 06:40	1

Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #4 Soap Stock

Lab Sample ID: 500-285512-4

Date Collected: 04/23/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Percent Solids: 57.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.000037		0.000037		mg/Kg	☼	05/05/26 09:00	05/05/26 15:56	1
Sulfide (SW846 9034)	<15		15		mg/Kg	☼	04/30/26 10:06	04/30/26 14:15	1

Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #5 Trench Sludge

Lab Sample ID: 500-285512-5

Date Collected: 04/16/26 18:00

Matrix: Solid

Date Received: 04/29/26 12:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<20		20		ug/L			05/05/26 05:56	20
Carbon tetrachloride	<20		20		ug/L			05/05/26 05:56	20
Chlorobenzene	<20		20		ug/L			05/05/26 05:56	20
Chloroform	<40		40		ug/L			05/05/26 05:56	20
1,2-Dichloroethane	<20		20		ug/L			05/05/26 05:56	20
1,1-Dichloroethene	<20		20		ug/L			05/05/26 05:56	20
2-Butanone (MEK)	<100		100		ug/L			05/05/26 05:56	20
Tetrachloroethene	<20		20		ug/L			05/05/26 05:56	20
Trichloroethene	<20		20		ug/L			05/05/26 05:56	20
Vinyl chloride	<20		20		ug/L			05/05/26 05:56	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		05/05/26 05:56	20
Toluene-d8 (Surr)	91		75 - 120		05/05/26 05:56	20
4-Bromofluorobenzene (Surr)	110		72 - 124		05/05/26 05:56	20
Dibromofluoromethane (Surr)	94		75 - 120		05/05/26 05:56	20

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<100		100		ug/L		05/07/26 19:10	05/08/26 12:40	5
3 & 4 Methylphenol	100		100		ug/L		05/07/26 19:10	05/08/26 12:40	5
1,4-Dichlorobenzene	<100		100		ug/L		05/07/26 19:10	05/08/26 12:40	5
2,4-Dinitrotoluene	<50		50		ug/L		05/07/26 19:10	05/08/26 12:40	5
Hexachlorobenzene	<25		25		ug/L		05/07/26 19:10	05/08/26 12:40	5
Hexachlorobutadiene	<250		250		ug/L		05/07/26 19:10	05/08/26 12:40	5
Hexachloroethane	<250		250		ug/L		05/07/26 19:10	05/08/26 12:40	5
Nitrobenzene	<50		50		ug/L		05/07/26 19:10	05/08/26 12:40	5
Pentachlorophenol	<1000		1000		ug/L		05/07/26 19:10	05/08/26 12:40	5
Pyridine	<1000		1000		ug/L		05/07/26 19:10	05/08/26 12:40	5
2,4,5-Trichlorophenol	<500		500		ug/L		05/07/26 19:10	05/08/26 12:40	5
2,4,6-Trichlorophenol	<250		250		ug/L		05/07/26 19:10	05/08/26 12:40	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	57		27 - 110	05/07/26 19:10	05/08/26 12:40	5
Phenol-d5 (Surr)	49		20 - 100	05/07/26 19:10	05/08/26 12:40	5
Nitrobenzene-d5 (Surr)	100		36 - 120	05/07/26 19:10	05/08/26 12:40	5
2-Fluorobiphenyl (Surr)	94		34 - 110	05/07/26 19:10	05/08/26 12:40	5
2,4,6-Tribromophenol (Surr)	87		40 - 145	05/07/26 19:10	05/08/26 12:40	5
Terphenyl-d14 (Surr)	102		40 - 145	05/07/26 19:10	05/08/26 12:40	5

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	<10		10		ug/L		05/05/26 08:46	05/05/26 18:00	1
Endrin	<5.0		5.0		ug/L		05/05/26 08:46	05/05/26 18:00	1
Heptachlor	<4.0		4.0		ug/L		05/05/26 08:46	05/05/26 18:00	1
Heptachlor epoxide	<4.0		4.0		ug/L		05/05/26 08:46	05/05/26 18:00	1
gamma-BHC (Lindane)	<5.0		5.0		ug/L		05/05/26 08:46	05/05/26 18:00	1
Methoxychlor	<10		10		ug/L		05/05/26 08:46	05/05/26 18:00	1
Toxaphene	<50		50		ug/L		05/05/26 08:46	05/05/26 18:00	1

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Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #5 Trench Sludge

Lab Sample ID: 500-285512-5

Date Collected: 04/16/26 18:00

Matrix: Solid

Date Received: 04/29/26 12:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	53		30 - 130	05/05/26 08:46	05/05/26 18:00	1
Tetrachloro-m-xylene	61		30 - 120	05/05/26 08:46	05/05/26 18:00	1

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<25		25		ug/L		05/05/26 05:34	05/05/26 18:41	1
Silvex (2,4,5-TP)	<25		25		ug/L		05/05/26 05:34	05/05/26 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DICHLOROPHENYLACETICACID24-	78		25 - 130	05/05/26 05:34	05/05/26 18:41	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 20:08	1
Barium	0.016		0.010		mg/L		05/03/26 14:35	05/04/26 20:08	1
Cadmium	<0.0020		0.0020		mg/L		05/03/26 14:35	05/04/26 20:08	1
Chromium	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 20:08	1
Lead	<0.0050		0.0050		mg/L		05/03/26 14:35	05/04/26 20:08	1
Selenium	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 20:08	1
Silver	<0.0050		0.0050		mg/L		05/03/26 14:35	05/04/26 20:08	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20	*+	0.20		ug/L		05/07/26 18:00	05/08/26 14:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	5.1	HF	0.2		SU			05/01/26 11:25	1
Temperature (SW846 9045D)	21.4	HF	2.0		Degrees C			05/01/26 11:25	1
Free Liquid (SW846 9095B)	FAIL				No Unit			05/06/26 04:50	1
Flashpoint (ASTM D92)	>200		99.0		Degrees F			05/06/26 07:00	1

Client Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #5 Trench Sludge

Lab Sample ID: 500-285512-5

Date Collected: 04/16/26 18:00

Matrix: Solid

Date Received: 04/29/26 12:50

Percent Solids: 11.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<1.8	H	1.8		mg/Kg	☼	05/05/26 09:00	05/05/26 15:57	1
Sulfide (SW846 9034)	<81	H3	81		mg/Kg	☼	04/30/26 10:07	04/30/26 14:17	1

Definitions/Glossary

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

General Chemistry

Qualifier	Qualifier Description
^	Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3	Sample was received and analyzed past holding time. This does not meet regulatory requirements.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

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

QC Association Summary

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

GC/MS VOA

Leach Batch: 864102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	1311	
500-285512-2	#2 Trench Sludge	TCLP	Solid	1311	
500-285512-3	#3 Soap Stock	TCLP	Solid	1311	
500-285512-4	#4 Soap Stock	TCLP	Solid	1311	
500-285512-5	#5 Trench Sludge	TCLP	Solid	1311	
LB 500-864102/1-A	Method Blank	TCLP	Solid	1311	
LCS 500-864102/2-A	Lab Control Sample	TCLP	Solid	1311	

Analysis Batch: 864709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	8260D	864102
500-285512-2	#2 Trench Sludge	TCLP	Solid	8260D	864102
500-285512-3	#3 Soap Stock	TCLP	Solid	8260D	864102
500-285512-4	#4 Soap Stock	TCLP	Solid	8260D	864102
500-285512-5	#5 Trench Sludge	TCLP	Solid	8260D	864102
LB 500-864102/1-A	Method Blank	TCLP	Solid	8260D	864102
MB 500-864709/6	Method Blank	Total/NA	Solid	8260D	
LCS 500-864709/27	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-864709/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 864742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-864742/8	Method Blank	Total/NA	Solid	8260D	
LCS 500-864102/2-A	Lab Control Sample	TCLP	Solid	8260D	864102

GC/MS Semi VOA

Leach Batch: 864081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	1311	
500-285512-2	#2 Trench Sludge	TCLP	Solid	1311	
500-285512-3	#3 Soap Stock	TCLP	Solid	1311	
500-285512-4	#4 Soap Stock	TCLP	Solid	1311	
500-285512-5	#5 Trench Sludge	TCLP	Solid	1311	
LB 500-864081/1-K	Method Blank	TCLP	Solid	1311	

Analysis Batch: 865361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	8270E	865389
500-285512-2	#2 Trench Sludge	TCLP	Solid	8270E	865389
500-285512-3	#3 Soap Stock	TCLP	Solid	8270E	865389
500-285512-4	#4 Soap Stock	TCLP	Solid	8270E	865389
500-285512-5	#5 Trench Sludge	TCLP	Solid	8270E	865389

Prep Batch: 865389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	3510C	864081
500-285512-2	#2 Trench Sludge	TCLP	Solid	3510C	864081
500-285512-3	#3 Soap Stock	TCLP	Solid	3510C	864081
500-285512-4	#4 Soap Stock	TCLP	Solid	3510C	864081
500-285512-5	#5 Trench Sludge	TCLP	Solid	3510C	864081

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QC Association Summary

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

GC/MS Semi VOA (Continued)

Prep Batch: 865389 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 500-864081/1-K	Method Blank	TCLP	Solid	3510C	864081
MB 500-865389/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 500-865389/2-A	Lab Control Sample	Total/NA	Solid	3510C	

Analysis Batch: 865426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 500-864081/1-K	Method Blank	TCLP	Solid	8270E	865389
MB 500-865389/1-A	Method Blank	Total/NA	Solid	8270E	865389
LCS 500-865389/2-A	Lab Control Sample	Total/NA	Solid	8270E	865389

GC Semi VOA

Leach Batch: 864081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	1311	
500-285512-2	#2 Trench Sludge	TCLP	Solid	1311	
500-285512-3	#3 Soap Stock	TCLP	Solid	1311	
500-285512-4	#4 Soap Stock	TCLP	Solid	1311	
500-285512-5	#5 Trench Sludge	TCLP	Solid	1311	
LB 500-864081/1-F	Method Blank	TCLP	Solid	1311	
LB 500-864081/1-G	Method Blank	TCLP	Solid	1311	
500-285512-2 MS	#2 Trench Sludge	TCLP	Solid	1311	

Prep Batch: 864724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	8151A	864081
500-285512-2	#2 Trench Sludge	TCLP	Solid	8151A	864081
500-285512-3	#3 Soap Stock	TCLP	Solid	8151A	864081
500-285512-4	#4 Soap Stock	TCLP	Solid	8151A	864081
500-285512-5	#5 Trench Sludge	TCLP	Solid	8151A	864081
LB 500-864081/1-F	Method Blank	TCLP	Solid	8151A	864081
MB 500-864724/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 500-864724/2-A	Lab Control Sample	Total/NA	Solid	8151A	

Prep Batch: 864774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	3510C	864081
500-285512-2	#2 Trench Sludge	TCLP	Solid	3510C	864081
500-285512-3	#3 Soap Stock	TCLP	Solid	3510C	864081
500-285512-4	#4 Soap Stock	TCLP	Solid	3510C	864081
500-285512-5	#5 Trench Sludge	TCLP	Solid	3510C	864081
LB 500-864081/1-G	Method Blank	TCLP	Solid	3510C	864081
MB 500-864774/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 500-864774/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCS 500-864774/3-A	Lab Control Sample	Total/NA	Solid	3510C	
500-285512-2 MS	#2 Trench Sludge	TCLP	Solid	3510C	864081
500-285512-2 MS	#2 Trench Sludge	TCLP	Solid	3510C	864081

Analysis Batch: 864816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	8151A	864724

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QC Association Summary

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

GC Semi VOA (Continued)

Analysis Batch: 864816 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-2	#2 Trench Sludge	TCLP	Solid	8151A	864724
500-285512-3	#3 Soap Stock	TCLP	Solid	8151A	864724
500-285512-4	#4 Soap Stock	TCLP	Solid	8151A	864724
500-285512-5	#5 Trench Sludge	TCLP	Solid	8151A	864724
LB 500-864081/1-F	Method Blank	TCLP	Solid	8151A	864724
MB 500-864724/1-A	Method Blank	Total/NA	Solid	8151A	864724
LCS 500-864724/2-A	Lab Control Sample	Total/NA	Solid	8151A	864724

Analysis Batch: 864854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	8081B	864774
500-285512-2	#2 Trench Sludge	TCLP	Solid	8081B	864774
500-285512-3	#3 Soap Stock	TCLP	Solid	8081B	864774
500-285512-4	#4 Soap Stock	TCLP	Solid	8081B	864774
500-285512-5	#5 Trench Sludge	TCLP	Solid	8081B	864774
LB 500-864081/1-G	Method Blank	TCLP	Solid	8081B	864774
MB 500-864774/1-A	Method Blank	Total/NA	Solid	8081B	864774
LCS 500-864774/2-A	Lab Control Sample	Total/NA	Solid	8081B	864774
LCS 500-864774/3-A	Lab Control Sample	Total/NA	Solid	8081B	864774
500-285512-2 MS	#2 Trench Sludge	TCLP	Solid	8081B	864774
500-285512-2 MS	#2 Trench Sludge	TCLP	Solid	8081B	864774

Metals

Leach Batch: 864081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	1311	
500-285512-2	#2 Trench Sludge	TCLP	Solid	1311	
500-285512-3	#3 Soap Stock	TCLP	Solid	1311	
500-285512-4	#4 Soap Stock	TCLP	Solid	1311	
500-285512-5	#5 Trench Sludge	TCLP	Solid	1311	
LB 500-864081/1-B	Method Blank	TCLP	Solid	1311	
LB 500-864081/1-J	Method Blank	TCLP	Solid	1311	

Prep Batch: 864451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	3010A	864081
500-285512-2	#2 Trench Sludge	TCLP	Solid	3010A	864081
500-285512-3	#3 Soap Stock	TCLP	Solid	3010A	864081
500-285512-4	#4 Soap Stock	TCLP	Solid	3010A	864081
500-285512-5	#5 Trench Sludge	TCLP	Solid	3010A	864081
LB 500-864081/1-B	Method Blank	TCLP	Solid	3010A	864081
LCS 500-864451/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 864783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	6010D	864451
500-285512-2	#2 Trench Sludge	TCLP	Solid	6010D	864451
500-285512-3	#3 Soap Stock	TCLP	Solid	6010D	864451
500-285512-4	#4 Soap Stock	TCLP	Solid	6010D	864451
500-285512-5	#5 Trench Sludge	TCLP	Solid	6010D	864451

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QC Association Summary

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Metals (Continued)

Analysis Batch: 864783 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 500-864081/1-B	Method Blank	TCLP	Solid	6010D	864451
LCS 500-864451/2-A	Lab Control Sample	Total/NA	Solid	6010D	864451

Prep Batch: 865355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	7470A	864081
500-285512-2	#2 Trench Sludge	TCLP	Solid	7470A	864081
500-285512-3	#3 Soap Stock	TCLP	Solid	7470A	864081
500-285512-4	#4 Soap Stock	TCLP	Solid	7470A	864081
500-285512-5	#5 Trench Sludge	TCLP	Solid	7470A	864081
LB 500-864081/1-J	Method Blank	TCLP	Solid	7470A	864081
MB 500-865355/12-A	Method Blank	Total/NA	Solid	7470A	
LCS 500-865355/14-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 865532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	TCLP	Solid	7470A	865355
500-285512-2	#2 Trench Sludge	TCLP	Solid	7470A	865355
500-285512-3	#3 Soap Stock	TCLP	Solid	7470A	865355
500-285512-4	#4 Soap Stock	TCLP	Solid	7470A	865355
500-285512-5	#5 Trench Sludge	TCLP	Solid	7470A	865355
LB 500-864081/1-J	Method Blank	TCLP	Solid	7470A	865355
MB 500-865355/12-A	Method Blank	Total/NA	Solid	7470A	865355
LCS 500-865355/14-A	Lab Control Sample	Total/NA	Solid	7470A	865355

General Chemistry

Analysis Batch: 862985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	Total/NA	Solid	Moisture	
500-285512-2	#2 Trench Sludge	Total/NA	Solid	Moisture	
500-285512-3	#3 Soap Stock	Total/NA	Solid	Moisture	
500-285512-4	#4 Soap Stock	Total/NA	Solid	Moisture	
500-285512-5	#5 Trench Sludge	Total/NA	Solid	Moisture	

Prep Batch: 864037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	Total/NA	Solid	9030B	
500-285512-2	#2 Trench Sludge	Total/NA	Solid	9030B	
500-285512-3	#3 Soap Stock	Total/NA	Solid	9030B	
500-285512-4	#4 Soap Stock	Total/NA	Solid	9030B	
500-285512-5	#5 Trench Sludge	Total/NA	Solid	9030B	
MB 500-864037/1-A	Method Blank	Total/NA	Solid	9030B	
LCS 500-864037/2-A	Lab Control Sample	Total/NA	Solid	9030B	
LCSD 500-864037/8-A	Lab Control Sample Dup	Total/NA	Solid	9030B	

Prep Batch: 864117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-2	#2 Trench Sludge	Total/NA	Solid	9010C	

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QC Association Summary

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

General Chemistry

Analysis Batch: 864120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	Total/NA	Solid	9034	864037
500-285512-2	#2 Trench Sludge	Total/NA	Solid	9034	864037
500-285512-3	#3 Soap Stock	Total/NA	Solid	9034	864037
500-285512-4	#4 Soap Stock	Total/NA	Solid	9034	864037
500-285512-5	#5 Trench Sludge	Total/NA	Solid	9034	864037
MB 500-864037/1-A	Method Blank	Total/NA	Solid	9034	864037
LCS 500-864037/2-A	Lab Control Sample	Total/NA	Solid	9034	864037
LCSD 500-864037/8-A	Lab Control Sample Dup	Total/NA	Solid	9034	864037

Analysis Batch: 864195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-2	#2 Trench Sludge	Total/NA	Solid	9012B	864117

Analysis Batch: 864244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	Total/NA	Solid	9045D	
500-285512-2	#2 Trench Sludge	Total/NA	Solid	9045D	
500-285512-3	#3 Soap Stock	Total/NA	Solid	9045D	
500-285512-4	#4 Soap Stock	Total/NA	Solid	9045D	
500-285512-5	#5 Trench Sludge	Total/NA	Solid	9045D	

Prep Batch: 864767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	Total/NA	Solid	9010C	
500-285512-3	#3 Soap Stock	Total/NA	Solid	9010C	
500-285512-4	#4 Soap Stock	Total/NA	Solid	9010C	
500-285512-5	#5 Trench Sludge	Total/NA	Solid	9010C	
MB 500-864767/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-864767/2-A	Lab Control Sample	Total/NA	Solid	9010C	

Analysis Batch: 864931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	Total/NA	Solid	9012B	864767
500-285512-3	#3 Soap Stock	Total/NA	Solid	9012B	864767
500-285512-4	#4 Soap Stock	Total/NA	Solid	9012B	864767
500-285512-5	#5 Trench Sludge	Total/NA	Solid	9012B	864767
MB 500-864767/1-A	Method Blank	Total/NA	Solid	9012B	864767
LCS 500-864767/2-A	Lab Control Sample	Total/NA	Solid	9012B	864767

Analysis Batch: 864979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	Total/NA	Solid	9095B	
500-285512-2	#2 Trench Sludge	Total/NA	Solid	9095B	
500-285512-3	#3 Soap Stock	Total/NA	Solid	9095B	
500-285512-4	#4 Soap Stock	Total/NA	Solid	9095B	
500-285512-5	#5 Trench Sludge	Total/NA	Solid	9095B	

Analysis Batch: 864982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-1	#1 Trench Sludge	Total/NA	Solid	D92	
500-285512-2	#2 Trench Sludge	Total/NA	Solid	D92	

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QC Association Summary

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

General Chemistry (Continued)

Analysis Batch: 864982 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-285512-3	#3 Soap Stock	Total/NA	Solid	D92	
500-285512-4	#4 Soap Stock	Total/NA	Solid	D92	
500-285512-5	#5 Trench Sludge	Total/NA	Solid	D92	

Surrogate Summary

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	TOL (75-120)	BFB (72-124)	DBFM (75-120)
LCS 500-864709/27	Lab Control Sample	85	94	109	86
LCSD 500-864709/3	Lab Control Sample Dup	86	94	109	88
MB 500-864709/6	Method Blank	92	91	110	93
MB 500-864742/8	Method Blank	90	99	108	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (75-126)	TOL (75-120)	BFB (72-124)	DBFM (75-120)
500-285512-1	#1 Trench Sludge	89	92	109	91
500-285512-2	#2 Trench Sludge	91	91	109	94
500-285512-3	#3 Soap Stock	92	91	110	95
500-285512-4	#4 Soap Stock	92	91	110	94
500-285512-5	#5 Trench Sludge	92	91	110	94
LB 500-864102/1-A	Method Blank	91	91	110	93
LCS 500-864102/2-A	Lab Control Sample	90	101	121	95

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (27-110)	PHL (20-100)	NBZ (36-120)	FBP (34-110)	TBP (40-145)	TPHL (40-145)
LCS 500-865389/2-A	Lab Control Sample	61	42	84	82	97	90
MB 500-865389/1-A	Method Blank	49	31	74	72	75	86

Surrogate Legend

2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: Eagle Services Corporation

Job ID: 500-285512-1

Project/Site: Cargill Iowa Falls

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		2FP (27-110)	PHL (20-100)	NBZ (36-120)	FBP (34-110)	TBP (40-145)	TPHL (40-145)
500-285512-1	#1 Trench Sludge	50	42	84	78	79	92
500-285512-2	#2 Trench Sludge	55	45	90	86	85	89
500-285512-3	#3 Soap Stock	33	25	70	63	58	70
500-285512-4	#4 Soap Stock	35	25	74	57	61	56
500-285512-5	#5 Trench Sludge	57	49	100	94	87	102
LB 500-864081/1-K	Method Blank	63	42	80	78	83	93
Surrogate Legend							
2FP = 2-Fluorophenol (Surr)							
PHL = Phenol-d5 (Surr)							
NBZ = Nitrobenzene-d5 (Surr)							
FBP = 2-Fluorobiphenyl (Surr)							
TBP = 2,4,6-Tribromophenol (Surr)							
TPHL = Terphenyl-d14 (Surr)							

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1 (30-130)	TCX1 (30-120)
LCS 500-864774/2-A	Lab Control Sample	78	71
LCS 500-864774/3-A	Lab Control Sample	76	71
MB 500-864774/1-A	Method Blank	65	67
Surrogate Legend			
DCBP = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: TCLP

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1 (30-130)	TCX1 (30-120)
500-285512-1	#1 Trench Sludge	40	50
500-285512-2	#2 Trench Sludge	58	65
500-285512-2 MS	#2 Trench Sludge	64	74
500-285512-2 MS	#2 Trench Sludge	62	56
500-285512-3	#3 Soap Stock	5 S1-	10 S1-
500-285512-4	#4 Soap Stock	5 S1-	15 S1-
500-285512-5	#5 Trench Sludge	53	61
LB 500-864081/1-G	Method Blank	71	57
Surrogate Legend			
DCBP = DCB Decachlorobiphenyl			
TCX = Tetrachloro-m-xylene			

Surrogate Summary

Client: Eagle Services Corporation

Job ID: 500-285512-1

Project/Site: Cargill Iowa Falls

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (25-130)	
LCS 500-864724/2-A	Lab Control Sample	73	
MB 500-864724/1-A	Method Blank	61	
Surrogate Legend			
DCPAA = DICHLOROPHENYLACETICACID24-			

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (25-130)	
500-285512-1	#1 Trench Sludge	59	
500-285512-2	#2 Trench Sludge	71	
500-285512-3	#3 Soap Stock	67	
500-285512-4	#4 Soap Stock	79	
500-285512-5	#5 Trench Sludge	78	
LB 500-864081/1-F	Method Blank	60	
Surrogate Legend			
DCPAA = DICHLOROPHENYLACETICACID24-			

QC Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 500-864709/6

Matrix: Solid

Analysis Batch: 864709

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/05/26 00:16	1
Carbon tetrachloride	<1.0		1.0		ug/L			05/05/26 00:16	1
Chlorobenzene	<1.0		1.0		ug/L			05/05/26 00:16	1
Chloroform	<2.0		2.0		ug/L			05/05/26 00:16	1
1,2-Dichloroethane	<1.0		1.0		ug/L			05/05/26 00:16	1
1,1-Dichloroethene	<1.0		1.0		ug/L			05/05/26 00:16	1
2-Butanone (MEK)	<5.0		5.0		ug/L			05/05/26 00:16	1
Tetrachloroethene	<1.0		1.0		ug/L			05/05/26 00:16	1
Trichloroethene	<1.0		1.0		ug/L			05/05/26 00:16	1
Vinyl chloride	<1.0		1.0		ug/L			05/05/26 00:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		05/05/26 00:16	1
Toluene-d8 (Surr)	91		75 - 120		05/05/26 00:16	1
4-Bromofluorobenzene (Surr)	110		72 - 124		05/05/26 00:16	1
Dibromofluoromethane (Surr)	93		75 - 120		05/05/26 00:16	1

Lab Sample ID: LCS 500-864709/27

Matrix: Solid

Analysis Batch: 864709

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	46.6		ug/L		93	70 - 120
Carbon tetrachloride	50.0	38.8		ug/L		78	59 - 133
Chlorobenzene	50.0	49.9		ug/L		100	70 - 120
Chloroform	50.0	39.8		ug/L		80	70 - 120
1,2-Dichloroethane	50.0	42.1		ug/L		84	68 - 127
1,1-Dichloroethene	50.0	38.9		ug/L		78	67 - 122
2-Butanone (MEK)	50.0	68.4		ug/L		137	46 - 144
Tetrachloroethene	50.0	48.1		ug/L		96	70 - 128
Trichloroethene	50.0	49.0		ug/L		98	70 - 125
Vinyl chloride	50.0	59.2		ug/L		118	64 - 126

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		75 - 126
Toluene-d8 (Surr)	94		75 - 120
4-Bromofluorobenzene (Surr)	109		72 - 124
Dibromofluoromethane (Surr)	86		75 - 120

Lab Sample ID: LCSD 500-864709/3

Matrix: Solid

Analysis Batch: 864709

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	50.0	44.9		ug/L		90	70 - 120	4	20
Carbon tetrachloride	50.0	38.0		ug/L		76	59 - 133	2	20
Chlorobenzene	50.0	48.3		ug/L		97	70 - 120	3	20
Chloroform	50.0	38.7		ug/L		77	70 - 120	3	20

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QC Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

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

Lab Sample ID: LCSD 500-864709/3

Matrix: Solid

Analysis Batch: 864709

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	50.0	41.1		ug/L		82	68 - 127	3	20
1,1-Dichloroethene	50.0	38.0		ug/L		76	67 - 122	2	20
2-Butanone (MEK)	50.0	67.9		ug/L		136	46 - 144	1	20
Tetrachloroethene	50.0	47.0		ug/L		94	70 - 128	2	20
Trichloroethene	50.0	47.0		ug/L		94	70 - 125	4	20
Vinyl chloride	50.0	58.3		ug/L		117	64 - 126	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		75 - 126
Toluene-d8 (Surr)	94		75 - 120
4-Bromofluorobenzene (Surr)	109		72 - 124
Dibromofluoromethane (Surr)	88		75 - 120

Lab Sample ID: MB 500-864742/8

Matrix: Solid

Analysis Batch: 864742

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.0		1.0		ug/L			05/05/26 11:20	1
Carbon tetrachloride	<1.0		1.0		ug/L			05/05/26 11:20	1
Chlorobenzene	<1.0		1.0		ug/L			05/05/26 11:20	1
Chloroform	<2.0		2.0		ug/L			05/05/26 11:20	1
1,2-Dichloroethane	<1.0		1.0		ug/L			05/05/26 11:20	1
1,1-Dichloroethene	<1.0		1.0		ug/L			05/05/26 11:20	1
2-Butanone (MEK)	<5.0		5.0		ug/L			05/05/26 11:20	1
Tetrachloroethene	<1.0		1.0		ug/L			05/05/26 11:20	1
Trichloroethene	<1.0		1.0		ug/L			05/05/26 11:20	1
Vinyl chloride	<1.0		1.0		ug/L			05/05/26 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		75 - 126		05/05/26 11:20	1
Toluene-d8 (Surr)	99		75 - 120		05/05/26 11:20	1
4-Bromofluorobenzene (Surr)	108		72 - 124		05/05/26 11:20	1
Dibromofluoromethane (Surr)	94		75 - 120		05/05/26 11:20	1

Lab Sample ID: LB 500-864102/1-A

Matrix: Solid

Analysis Batch: 864709

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<20		20		ug/L			05/05/26 01:01	20
Carbon tetrachloride	<20		20		ug/L			05/05/26 01:01	20
Chlorobenzene	<20		20		ug/L			05/05/26 01:01	20
Chloroform	<40		40		ug/L			05/05/26 01:01	20
1,2-Dichloroethane	<20		20		ug/L			05/05/26 01:01	20
1,1-Dichloroethene	<20		20		ug/L			05/05/26 01:01	20
2-Butanone (MEK)	<100		100		ug/L			05/05/26 01:01	20
Tetrachloroethene	<20		20		ug/L			05/05/26 01:01	20

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QC Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

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

Lab Sample ID: LB 500-864102/1-A

Matrix: Solid

Analysis Batch: 864709

Client Sample ID: Method Blank

Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<20		20		ug/L			05/05/26 01:01	20
Vinyl chloride	<20		20		ug/L			05/05/26 01:01	20
Surrogate	LB %Recovery	LB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		75 - 126					05/05/26 01:01	20
Toluene-d8 (Surr)	91		75 - 120					05/05/26 01:01	20
4-Bromofluorobenzene (Surr)	110		72 - 124					05/05/26 01:01	20
Dibromofluoromethane (Surr)	93		75 - 120					05/05/26 01:01	20

Lab Sample ID: LCS 500-864102/2-A

Matrix: Solid

Analysis Batch: 864742

Client Sample ID: Lab Control Sample

Prep Type: TCLP

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1000	1050		ug/L		105	70 - 120
Carbon tetrachloride	1000	1070		ug/L		107	59 - 133
Chlorobenzene	1000	1050		ug/L		105	70 - 120
Chloroform	1000	925		ug/L		93	70 - 120
1,2-Dichloroethane	1000	926		ug/L		93	68 - 127
1,1-Dichloroethene	1000	1030		ug/L		103	67 - 122
2-Butanone (MEK)	1000	864		ug/L		86	46 - 144
Tetrachloroethene	1000	1130		ug/L		113	70 - 128
Trichloroethene	1000	1090		ug/L		109	70 - 125
Vinyl chloride	1000	908		ug/L		91	64 - 126
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	90		75 - 126				
Toluene-d8 (Surr)	101		75 - 120				
4-Bromofluorobenzene (Surr)	121		72 - 124				
Dibromofluoromethane (Surr)	95		75 - 120				

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-865389/1-A

Matrix: Solid

Analysis Batch: 865426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 865389

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<8.0		8.0		ug/L		05/07/26 19:10	05/08/26 09:41	1
3 & 4 Methylphenol	<8.0		8.0		ug/L		05/07/26 19:10	05/08/26 09:41	1
1,4-Dichlorobenzene	<8.0		8.0		ug/L		05/07/26 19:10	05/08/26 09:41	1
2,4-Dinitrotoluene	<4.0		4.0		ug/L		05/07/26 19:10	05/08/26 09:41	1
Hexachlorobenzene	<2.0		2.0		ug/L		05/07/26 19:10	05/08/26 09:41	1
Hexachlorobutadiene	<20		20		ug/L		05/07/26 19:10	05/08/26 09:41	1
Hexachloroethane	<20		20		ug/L		05/07/26 19:10	05/08/26 09:41	1
Nitrobenzene	<4.0		4.0		ug/L		05/07/26 19:10	05/08/26 09:41	1
Pentachlorophenol	<80		80		ug/L		05/07/26 19:10	05/08/26 09:41	1
Pyridine	<80		80		ug/L		05/07/26 19:10	05/08/26 09:41	1

Eurofins Chicago

QC Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-865389/1-A

Matrix: Solid

Analysis Batch: 865426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 865389

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<40		40		ug/L		05/07/26 19:10	05/08/26 09:41	1
2,4,6-Trichlorophenol	<20		20		ug/L		05/07/26 19:10	05/08/26 09:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	49		27 - 110	05/07/26 19:10	05/08/26 09:41	1
Phenol-d5 (Surr)	31		20 - 100	05/07/26 19:10	05/08/26 09:41	1
Nitrobenzene-d5 (Surr)	74		36 - 120	05/07/26 19:10	05/08/26 09:41	1
2-Fluorobiphenyl (Surr)	72		34 - 110	05/07/26 19:10	05/08/26 09:41	1
2,4,6-Tribromophenol (Surr)	75		40 - 145	05/07/26 19:10	05/08/26 09:41	1
Terphenyl-d14 (Surr)	86		40 - 145	05/07/26 19:10	05/08/26 09:41	1

Lab Sample ID: LCS 500-865389/2-A

Matrix: Solid

Analysis Batch: 865426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 865389

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	200	148		ug/L		74	53 - 115
3 & 4 Methylphenol	200	144		ug/L		72	50 - 116
1,4-Dichlorobenzene	200	112		ug/L		56	23 - 110
2,4-Dinitrotoluene	200	192		ug/L		96	63 - 129
Hexachlorobenzene	200	167		ug/L		84	61 - 126
Hexachlorobutadiene	200	119		ug/L		59	20 - 100
Hexachloroethane	200	99.5		ug/L		50	20 - 100
Nitrobenzene	200	160		ug/L		80	54 - 121
Pentachlorophenol	400	378		ug/L		94	42 - 148
Pyridine	400	173		ug/L		43	15 - 110
2,4,5-Trichlorophenol	200	175		ug/L		87	63 - 124
2,4,6-Trichlorophenol	200	171		ug/L		85	62 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	61		27 - 110
Phenol-d5 (Surr)	42		20 - 100
Nitrobenzene-d5 (Surr)	84		36 - 120
2-Fluorobiphenyl (Surr)	82		34 - 110
2,4,6-Tribromophenol (Surr)	97		40 - 145
Terphenyl-d14 (Surr)	90		40 - 145

Lab Sample ID: LB 500-864081/1-K

Matrix: Solid

Analysis Batch: 865426

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 865389

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<20		20		ug/L		05/07/26 19:10	05/08/26 10:46	1
3 & 4 Methylphenol	<20		20		ug/L		05/07/26 19:10	05/08/26 10:46	1
1,4-Dichlorobenzene	<20		20		ug/L		05/07/26 19:10	05/08/26 10:46	1
2,4-Dinitrotoluene	<10		10		ug/L		05/07/26 19:10	05/08/26 10:46	1
Hexachlorobenzene	<5.0		5.0		ug/L		05/07/26 19:10	05/08/26 10:46	1
Hexachlorobutadiene	<50		50		ug/L		05/07/26 19:10	05/08/26 10:46	1

Eurofins Chicago

QC Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 500-864081/1-K

Matrix: Solid

Analysis Batch: 865426

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 865389

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	<50		50		ug/L		05/07/26 19:10	05/08/26 10:46	1
Nitrobenzene	<10		10		ug/L		05/07/26 19:10	05/08/26 10:46	1
Pentachlorophenol	<200		200		ug/L		05/07/26 19:10	05/08/26 10:46	1
Pyridine	<200		200		ug/L		05/07/26 19:10	05/08/26 10:46	1
2,4,5-Trichlorophenol	<100		100		ug/L		05/07/26 19:10	05/08/26 10:46	1
2,4,6-Trichlorophenol	<50		50		ug/L		05/07/26 19:10	05/08/26 10:46	1

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	63		27 - 110	05/07/26 19:10	05/08/26 10:46	1
Phenol-d5 (Surr)	42		20 - 100	05/07/26 19:10	05/08/26 10:46	1
Nitrobenzene-d5 (Surr)	80		36 - 120	05/07/26 19:10	05/08/26 10:46	1
2-Fluorobiphenyl (Surr)	78		34 - 110	05/07/26 19:10	05/08/26 10:46	1
2,4,6-Tribromophenol (Surr)	83		40 - 145	05/07/26 19:10	05/08/26 10:46	1
Terphenyl-d14 (Surr)	93		40 - 145	05/07/26 19:10	05/08/26 10:46	1

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 500-864774/1-A

Matrix: Solid

Analysis Batch: 864854

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 864774

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	<0.40		0.40		ug/L		05/05/26 08:46	05/05/26 14:48	1
Endrin	<0.20		0.20		ug/L		05/05/26 08:46	05/05/26 14:48	1
Heptachlor	<0.16		0.16		ug/L		05/05/26 08:46	05/05/26 14:48	1
Heptachlor epoxide	<0.16		0.16		ug/L		05/05/26 08:46	05/05/26 14:48	1
gamma-BHC (Lindane)	<0.20		0.20		ug/L		05/05/26 08:46	05/05/26 14:48	1
Methoxychlor	<0.40		0.40		ug/L		05/05/26 08:46	05/05/26 14:48	1
Toxaphene	<2.0		2.0		ug/L		05/05/26 08:46	05/05/26 14:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		30 - 130	05/05/26 08:46	05/05/26 14:48	1
Tetrachloro-m-xylene	67		30 - 120	05/05/26 08:46	05/05/26 14:48	1

Lab Sample ID: LCS 500-864774/2-A

Matrix: Solid

Analysis Batch: 864854

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 864774

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Endrin	0.400	0.322		ug/L		81	53 - 137
Heptachlor	0.401	0.289		ug/L		72	33 - 126
Heptachlor epoxide	0.401	0.322		ug/L		80	55 - 132
gamma-BHC (Lindane)	0.402	0.297		ug/L		74	41 - 107
Methoxychlor	4.02	3.05		ug/L		76	40 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	78		30 - 130
Tetrachloro-m-xylene	71		30 - 120

Eurofins Chicago

QC Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: LCS 500-864774/3-A

Matrix: Solid

Analysis Batch: 864854

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 864774

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toxaphene	40.0	34.0		ug/L		85	44 - 137
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	76		30 - 130				
Tetrachloro-m-xylene	71		30 - 120				

Lab Sample ID: LB 500-864081/1-G

Matrix: Solid

Analysis Batch: 864854

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 864774

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	<10		10		ug/L		05/05/26 08:46	05/05/26 15:48	1
Endrin	<5.0		5.0		ug/L		05/05/26 08:46	05/05/26 15:48	1
Heptachlor	<4.0		4.0		ug/L		05/05/26 08:46	05/05/26 15:48	1
Heptachlor epoxide	<4.0		4.0		ug/L		05/05/26 08:46	05/05/26 15:48	1
gamma-BHC (Lindane)	<5.0		5.0		ug/L		05/05/26 08:46	05/05/26 15:48	1
Methoxychlor	<10		10		ug/L		05/05/26 08:46	05/05/26 15:48	1
Toxaphene	<50		50		ug/L		05/05/26 08:46	05/05/26 15:48	1
Surrogate	LB %Recovery	LB Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		30 - 130				05/05/26 08:46	05/05/26 15:48	1
Tetrachloro-m-xylene	57		30 - 120				05/05/26 08:46	05/05/26 15:48	1

Lab Sample ID: 500-285512-2 MS

Matrix: Solid

Analysis Batch: 864854

Client Sample ID: #2 Trench Sludge

Prep Type: TCLP

Prep Batch: 864774

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endrin	<5.0		10.0	7.32		ug/L		73	60 - 132
Heptachlor	<4.0		10.0	7.62		ug/L		76	40 - 120
Heptachlor epoxide	<4.0		10.0	8.74		ug/L		87	64 - 120
gamma-BHC (Lindane)	<5.0		10.0	7.42		ug/L		74	68 - 120
Methoxychlor	<10		100	69.8		ug/L		70	63 - 135
Surrogate	MS %Recovery	MS Qualifier	Limits						
DCB Decachlorobiphenyl	64		30 - 130						
Tetrachloro-m-xylene	74		30 - 120						

Lab Sample ID: 500-285512-2 MS

Matrix: Solid

Analysis Batch: 864854

Client Sample ID: #2 Trench Sludge

Prep Type: TCLP

Prep Batch: 864774

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toxaphene	<50		1000	656		ug/L		66	50 - 150
Surrogate	MS %Recovery	MS Qualifier	Limits						
DCB Decachlorobiphenyl	62		30 - 130						

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QC Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 500-285512-2 MS

Matrix: Solid

Analysis Batch: 864854

Client Sample ID: #2 Trench Sludge

Prep Type: TCLP

Prep Batch: 864774

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-m-xylene	56		30 - 120

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 500-864724/1-A

Matrix: Solid

Analysis Batch: 864816

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 864724

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-D	<1.0		1.0		ug/L		05/05/26 05:34	05/05/26 15:08	1
Silvex (2,4,5-TP)	<1.0		1.0		ug/L		05/05/26 05:34	05/05/26 15:08	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
DICHLOROPHENYLACETICACID24-	61		25 - 130				05/05/26 05:34	05/05/26 15:08	1

Lab Sample ID: LCS 500-864724/2-A

Matrix: Solid

Analysis Batch: 864816

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 864724

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier			Limits	
2,4-D	10.1	8.55		ug/L		85	30 - 115
Silvex (2,4,5-TP)	2.50	2.08		ug/L		83	32 - 115
Surrogate	LCS	LCS	Limits				
	%Recovery	Qualifier					
DICHLOROPHENYLACETICACI D24-	73		25 - 130				

Lab Sample ID: LB 500-864081/1-F

Matrix: Solid

Analysis Batch: 864816

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 864724

Analyte	LB	LB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-D	<25		25		ug/L		05/05/26 05:34	05/05/26 15:43	1
Silvex (2,4,5-TP)	<25		25		ug/L		05/05/26 05:34	05/05/26 15:43	1
Surrogate	LB	LB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
DICHLOROPHENYLACETICACID24-	60		25 - 130				05/05/26 05:34	05/05/26 15:43	1

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 500-864451/2-A

Matrix: Solid

Analysis Batch: 864783

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 864451

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier			Limits	
Arsenic	0.100	0.110		mg/L		110	80 - 120
Barium	0.500	0.501		mg/L		100	80 - 120
Cadmium	0.0500	0.0492		mg/L		98	80 - 120

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QC Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-864451/2-A

Matrix: Solid

Analysis Batch: 864783

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 864451

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.200	0.196		mg/L		98	80 - 120
Lead	0.100	0.105		mg/L		105	80 - 120
Selenium	0.100	0.107		mg/L		107	80 - 120
Silver	0.0500	0.0530		mg/L		106	80 - 120

Lab Sample ID: LB 500-864081/1-B

Matrix: Solid

Analysis Batch: 864783

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 864451

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 12:27	1
Barium	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 12:27	1
Cadmium	<0.0020		0.0020		mg/L		05/03/26 14:35	05/04/26 12:27	1
Chromium	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 12:27	1
Lead	<0.0050		0.0050		mg/L		05/03/26 14:35	05/04/26 12:27	1
Selenium	<0.010		0.010		mg/L		05/03/26 14:35	05/04/26 12:27	1
Silver	<0.0050		0.0050		mg/L		05/03/26 14:35	05/04/26 12:27	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-865355/12-A

Matrix: Solid

Analysis Batch: 865532

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 865355

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/07/26 18:00	05/08/26 13:56	1

Lab Sample ID: LCS 500-865355/14-A

Matrix: Solid

Analysis Batch: 865532

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 865355

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	2.00	4.03	*+	ug/L		201	80 - 120

Lab Sample ID: LB 500-864081/1-J

Matrix: Solid

Analysis Batch: 865532

Client Sample ID: Method Blank

Prep Type: TCLP

Prep Batch: 865355

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		05/07/26 18:00	05/08/26 13:58	1

Method: 9012B - Cyanide, Total and/or Amenable

Lab Sample ID: MB 500-864767/1-A

Matrix: Solid

Analysis Batch: 864931

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 864767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24		mg/Kg		05/05/26 09:00	05/05/26 15:38	1

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QC Sample Results

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Method: 9012B - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: LCS 500-864767/2-A
Matrix: Solid
Analysis Batch: 864931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 864767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.18		mg/Kg		91	85 - 115

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 500-864037/1-A
Matrix: Solid
Analysis Batch: 864120

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 864037

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<10		10		mg/Kg		04/30/26 09:58	04/30/26 14:00	1

Lab Sample ID: LCS 500-864037/2-A
Matrix: Solid
Analysis Batch: 864120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 864037

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	190	177		mg/Kg		93	80 - 120

Lab Sample ID: LCSD 500-864037/8-A
Matrix: Solid
Analysis Batch: 864120

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 864037

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	190	174		mg/Kg		92	80 - 120	1	20

Lab Chronicle

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #1 Trench Sludge

Lab Sample ID: 500-285512-1

Date Collected: 04/24/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			864102	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Analysis	8260D		20	864709	EA	EET CHI	05/05/26 04:25
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3510C			865389	LG	EET CHI	05/07/26 19:10
TCLP	Analysis	8270E		5	865361	WS	EET CHI	05/08/26 11:56
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3510C			864774	CI	EET CHI	05/05/26 08:46
TCLP	Analysis	8081B		1	864854	BC	EET CHI	05/05/26 16:48
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	8151A			864724	CI	EET CHI	05/05/26 05:34
TCLP	Analysis	8151A		1	864816	H7CM	EET CHI	05/05/26 17:30
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3010A			864451	BDE	EET CHI	05/03/26 14:35 - 05/03/26 20:35 ¹
TCLP	Analysis	6010D		1	864783	SJ	EET CHI	05/04/26 19:41
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	7470A			865355	S1Z	EET CHI	05/07/26 18:00 - 05/07/26 20:00 ¹
TCLP	Analysis	7470A		1	865532	S1Z	EET CHI	05/08/26 14:07
Total/NA	Analysis	9045D		1	864244	LP	EET CHI	05/01/26 11:15 - 05/01/26 11:17 ¹
Total/NA	Analysis	9095B		1	864979	CLB	EET CHI	05/06/26 04:10
Total/NA	Analysis	D92		1	864982	CLB	EET CHI	05/06/26 05:40 - 05/06/26 06:00 ¹
Total/NA	Analysis	Moisture		1	862985	RB	EET CHI	04/30/26 08:15

Client Sample ID: #1 Trench Sludge

Lab Sample ID: 500-285512-1

Date Collected: 04/24/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Percent Solids: 71.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			864767	AC	EET CHI	05/05/26 09:00 - 05/05/26 09:30 ¹
Total/NA	Analysis	9012B		1	864931	AC	EET CHI	05/05/26 15:53
Total/NA	Prep	9030B			864037	TR	EET CHI	04/30/26 10:01 - 04/30/26 10:02 ¹
Total/NA	Analysis	9034		1	864120	TR	EET CHI	04/30/26 14:07

Client Sample ID: #2 Trench Sludge

Lab Sample ID: 500-285512-2

Date Collected: 04/16/26 18:00

Matrix: Solid

Date Received: 04/29/26 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			864102	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Analysis	8260D		20	864709	EA	EET CHI	05/05/26 04:48
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3510C			865389	LG	EET CHI	05/07/26 19:10
TCLP	Analysis	8270E		5	865361	WS	EET CHI	05/08/26 12:18
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3510C			864774	CI	EET CHI	05/05/26 08:46
TCLP	Analysis	8081B		1	864854	BC	EET CHI	05/05/26 17:00

Eurofins Chicago

Lab Chronicle

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #2 Trench Sludge

Lab Sample ID: 500-285512-2

Date Collected: 04/16/26 18:00

Matrix: Solid

Date Received: 04/29/26 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	8151A			864724	CI	EET CHI	05/05/26 05:34
TCLP	Analysis	8151A		1	864816	H7CM	EET CHI	05/05/26 17:48
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3010A			864451	BDE	EET CHI	05/03/26 14:35 - 05/03/26 20:35 ¹
TCLP	Analysis	6010D		1	864783	SJ	EET CHI	05/04/26 19:46
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	7470A			865355	S1Z	EET CHI	05/07/26 18:00 - 05/07/26 20:00 ¹
TCLP	Analysis	7470A		1	865532	S1Z	EET CHI	05/08/26 14:09
Total/NA	Analysis	9045D		1	864244	LP	EET CHI	05/01/26 11:17 - 05/01/26 11:20 ¹
Total/NA	Analysis	9095B		1	864979	CLB	EET CHI	05/06/26 04:20
Total/NA	Analysis	D92		1	864982	CLB	EET CHI	05/06/26 06:00 - 05/06/26 06:20 ¹
Total/NA	Analysis	Moisture		1	862985	RB	EET CHI	04/30/26 08:15

Client Sample ID: #2 Trench Sludge

Lab Sample ID: 500-285512-2

Date Collected: 04/16/26 18:00

Matrix: Solid

Date Received: 04/29/26 12:50

Percent Solids: 60.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			864117	AC	EET CHI	04/30/26 13:54 - 04/30/26 14:24 ¹
Total/NA	Analysis	9012B		1	864195	AC	EET CHI	04/30/26 17:29
Total/NA	Prep	9030B			864037	TR	EET CHI	04/30/26 10:02 - 04/30/26 10:04 ¹
Total/NA	Analysis	9034		1	864120	TR	EET CHI	04/30/26 14:10

Client Sample ID: #3 Soap Stock

Lab Sample ID: 500-285512-3

Date Collected: 04/23/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			864102	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Analysis	8260D		20	864709	EA	EET CHI	05/05/26 05:11
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3510C			865389	LG	EET CHI	05/07/26 19:10
TCLP	Analysis	8270E		5	865361	WS	EET CHI	05/08/26 13:01
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3510C			864774	CI	EET CHI	05/05/26 08:46
TCLP	Analysis	8081B		1	864854	BC	EET CHI	05/05/26 17:36
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	8151A			864724	CI	EET CHI	05/05/26 05:34
TCLP	Analysis	8151A		1	864816	H7CM	EET CHI	05/05/26 18:06
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3010A			864451	BDE	EET CHI	05/03/26 14:35 - 05/03/26 20:35 ¹
TCLP	Analysis	6010D		1	864783	SJ	EET CHI	05/04/26 19:50

Eurofins Chicago

Lab Chronicle

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #3 Soap Stock

Date Collected: 04/23/26 15:00

Date Received: 04/29/26 12:50

Lab Sample ID: 500-285512-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	7470A			865355	S1Z	EET CHI	05/07/26 18:00 - 05/07/26 20:00 ¹
TCLP	Analysis	7470A		1	865532	S1Z	EET CHI	05/08/26 14:11
Total/NA	Analysis	9045D		1	864244	LP	EET CHI	05/01/26 11:20 - 05/01/26 11:22 ¹
Total/NA	Analysis	9095B		1	864979	CLB	EET CHI	05/06/26 04:30
Total/NA	Analysis	D92		1	864982	CLB	EET CHI	05/06/26 06:20 - 05/06/26 06:40 ¹
Total/NA	Analysis	Moisture		1	862985	RB	EET CHI	04/30/26 08:15

Client Sample ID: #3 Soap Stock

Date Collected: 04/23/26 15:00

Date Received: 04/29/26 12:50

Lab Sample ID: 500-285512-3

Matrix: Solid

Percent Solids: 70.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			864767	AC	EET CHI	05/05/26 09:00 - 05/05/26 09:30 ¹
Total/NA	Analysis	9012B		1	864931	AC	EET CHI	05/05/26 15:55
Total/NA	Prep	9030B			864037	TR	EET CHI	04/30/26 10:04 - 04/30/26 10:06 ¹
Total/NA	Analysis	9034		1	864120	TR	EET CHI	04/30/26 14:12

Client Sample ID: #4 Soap Stock

Date Collected: 04/23/26 15:00

Date Received: 04/29/26 12:50

Lab Sample ID: 500-285512-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			864102	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Analysis	8260D		20	864709	EA	EET CHI	05/05/26 05:33
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3510C			865389	LG	EET CHI	05/07/26 19:10
TCLP	Analysis	8270E		5	865361	WS	EET CHI	05/08/26 13:23
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3510C			864774	CI	EET CHI	05/05/26 08:46
TCLP	Analysis	8081B		1	864854	BC	EET CHI	05/05/26 17:48
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	8151A			864724	CI	EET CHI	05/05/26 05:34
TCLP	Analysis	8151A		1	864816	H7CM	EET CHI	05/05/26 18:24
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3010A			864451	BDE	EET CHI	05/03/26 14:35 - 05/03/26 20:35 ¹
TCLP	Analysis	6010D		1	864783	SJ	EET CHI	05/04/26 19:55
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	7470A			865355	S1Z	EET CHI	05/07/26 18:00 - 05/07/26 20:00 ¹
TCLP	Analysis	7470A		1	865532	S1Z	EET CHI	05/08/26 14:13
Total/NA	Analysis	9045D		1	864244	LP	EET CHI	05/01/26 11:22 - 05/01/26 11:25 ¹
Total/NA	Analysis	9095B		1	864979	CLB	EET CHI	05/06/26 04:40
Total/NA	Analysis	D92		1	864982	CLB	EET CHI	05/06/26 06:40 - 05/06/26 07:00 ¹
Total/NA	Analysis	Moisture		1	862985	RB	EET CHI	04/30/26 08:15

Eurofins Chicago

Lab Chronicle

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Client Sample ID: #4 Soap Stock

Lab Sample ID: 500-285512-4

Date Collected: 04/23/26 15:00

Matrix: Solid

Date Received: 04/29/26 12:50

Percent Solids: 57.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			864767	AC	EET CHI	05/05/26 09:00 - 05/05/26 09:30 ¹
Total/NA	Analysis	9012B		1	864931	AC	EET CHI	05/05/26 15:56
Total/NA	Prep	9030B			864037	TR	EET CHI	04/30/26 10:06 - 04/30/26 10:07 ¹
Total/NA	Analysis	9034		1	864120	TR	EET CHI	04/30/26 14:15

Client Sample ID: #5 Trench Sludge

Lab Sample ID: 500-285512-5

Date Collected: 04/16/26 18:00

Matrix: Solid

Date Received: 04/29/26 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			864102	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Analysis	8260D		20	864709	EA	EET CHI	05/05/26 05:56
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3510C			865389	LG	EET CHI	05/07/26 19:10
TCLP	Analysis	8270E		5	865361	WS	EET CHI	05/08/26 12:40
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3510C			864774	CI	EET CHI	05/05/26 08:46
TCLP	Analysis	8081B		1	864854	BC	EET CHI	05/05/26 18:00
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	8151A			864724	CI	EET CHI	05/05/26 05:34
TCLP	Analysis	8151A		1	864816	H7CM	EET CHI	05/05/26 18:41
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	3010A			864451	BDE	EET CHI	05/03/26 14:35 - 05/03/26 20:35 ¹
TCLP	Analysis	6010D		1	864783	SJ	EET CHI	05/04/26 20:08
TCLP	Leach	1311			864081	AC	EET CHI	04/30/26 16:55 - 05/01/26 10:55 ¹
TCLP	Prep	7470A			865355	S1Z	EET CHI	05/07/26 18:00 - 05/07/26 20:00 ¹
TCLP	Analysis	7470A		1	865532	S1Z	EET CHI	05/08/26 14:15
Total/NA	Analysis	9045D		1	864244	LP	EET CHI	05/01/26 11:25 - 05/01/26 11:27 ¹
Total/NA	Analysis	9095B		1	864979	CLB	EET CHI	05/06/26 04:50
Total/NA	Analysis	D92		1	864982	CLB	EET CHI	05/06/26 07:00 - 05/06/26 07:20 ¹
Total/NA	Analysis	Moisture		1	862985	RB	EET CHI	04/30/26 08:15

Client Sample ID: #5 Trench Sludge

Lab Sample ID: 500-285512-5

Date Collected: 04/16/26 18:00

Matrix: Solid

Date Received: 04/29/26 12:50

Percent Solids: 11.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			864767	AC	EET CHI	05/05/26 09:00 - 05/05/26 09:30 ¹
Total/NA	Analysis	9012B		1	864931	AC	EET CHI	05/05/26 15:57
Total/NA	Prep	9030B			864037	TR	EET CHI	04/30/26 10:07 - 04/30/26 10:09 ¹
Total/NA	Analysis	9034		1	864120	TR	EET CHI	04/30/26 14:17

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Eurofins Chicago

Accreditation/Certification Summary

Client: Eagle Services Corporation
Project/Site: Cargill Iowa Falls

Job ID: 500-285512-1

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-27
The following analytes are included in this report, but the laboratory is not certified by Illinois NELAP 100201. This list may include analytes for which the agency does not offer certification :			
Analysis Method	Prep Method	Matrix	Analyte
9045D		Solid	Temperature
D92		Solid	Flashpoint
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids
Iowa	State	082	05-01-28
The following analytes are included in this report, but the laboratory is not certified by Iowa State 082. This list may include analytes for which the agency does not offer certification :			
Analysis Method	Prep Method	Matrix	Analyte
8270E	3510C	Solid	Pyridine
9045D		Solid	Temperature
9095B		Solid	Free Liquid
D92		Solid	Flashpoint
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: Eagle Services Corporation

Job Number: 500-285512-1

Login Number: 285512

List Source: Eurofins Chicago

List Number: 1

Creator: Babayode, Daniel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	