



IOWA DEPARTMENT OF NATURAL RESOURCES
REQUEST FOR SPECIAL WASTE
AUTHORIZATION



Check one of the following: ☐ New Application ☒ Renewal, Existing SWA #: 42-SWA-08-04

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 (2) copies of 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 Sue Johnson at (515) 725-8317 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:

Iowa Department of Natural Resources
Land Quality Bureau- Attn: Susan Johnson
502 East 9th Street
Des Moines, IA 50319-0034

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 faxed 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 Sue Johnson at (515) 725-8317 or susan.johnson@dnr.iowa.gov

SECTION 1: WASTE GENERATOR INFORMATIONName of Primary Contact* Greg Steinecker Title Env./Safety Specialist

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

Company Name Unverferth Mfg. Co. Inc. - Brent DivisionMailing Address 27612 Temple AvenueCity Shell Rock State IA Zip Code 50670Telephone # 319-885-6578 Fax # 319-885-6576

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:

Lasers, Hi-Definition Plasma Tables and Shot Blasters Waste Dust

1) See Attached Test America Analytical Reports (Lab #'s 310-261730, dated 8-02-2023)

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

No

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

Physical state at room temperature? <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Semi-Solid <input type="checkbox"/> Liquid	Percent (%) Solid: 100	pH: 5.5-9.0	Flashpoint: >212°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.			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SECTION 2: WASTE CHARACTERIZATION (Continued)

Does this waste exhibit the property of <i>ignitability</i> as defined in 40 CFR 261, Subpart C?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this waste exhibit the property of <i>corrosivity</i> as defined in 40 CFR 261, Subpart C?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this waste exhibit the property of <i>reactivity</i> as defined in 40 CFR 261, Subpart C?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does this waste exhibit the property of <i>toxicity</i> as defined in 40 CFR 261, Subpart C?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SECTION 3: WASTE DISPOSAL INFORMATION

Indicate the proposed disposal location and if this is a request for an on going 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 Sanitary Landfill

*List only a landfill that is authorized to accept waste from the service area of where the waste was generated. Sue Johnson at (515) 725-8317 or susan.johnson@dnr.iowa.gov for a list of landfills authorized to accept waste from your facility.

☒ On going (or intermittent) with an average disposal rate per quarter of 30,000 pounds

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

☐ One time only, with an estimated quantity of _____ 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: Mikel Johnson

Date: 8-17-23

Printed Name: Mikel Johnson

Title: Operations Manager

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:

Fine dust

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

covered loads

Name of Responsible Official*: Herm E Sass

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

Solid Waste Agency Name ICLWMA

Mailing Address 20488 M Ave

City Eldora

State Iowa

Zip Code 50627

Telephone # 641 648 5904

Fax # _____

Responsible Official Signature: Herm E Sass

Date: 8/21/23

ANALYTICAL REPORT

PREPARED FOR

Attn: Greg Steinecker
Unverferth Mfg Co
27612 Temple Avenue
Shell Rock, Iowa 50670-6576

Generated 8/11/2023 5:47:54 PM

JOB DESCRIPTION

Waste Dust - SWA Renewal

JOB NUMBER

310-261730-1

Eurofins Cedar Falls

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization



Generated
8/11/2023 5:47:54 PM

Authorized for release by
Brian Graettinger, Business Unit Manager
Brian.Graettinger@et.eurofinsus.com
Designee for
Matthew Hummel, Project Manager I
Matthew.Hummel@et.eurofinsus.com
(319)595-2010



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Case Narrative

Client: Unverferth Mfg Co
Project/Site: Waste Dust - SWA Renewal

Job ID: 310-261730-1

Job ID: 310-261730-1

Laboratory: Eurofins Cedar Falls

Narrative

Job Narrative 310-261730-1

Comments

No additional comments.

Receipt

The samples were received on 8/3/2023 8:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: Laser Waste Dust (310-261730-1), Plasma Tables Waste Dust (310-261730-2) and Shot Blasters Waste Dust (310-261730-3). The laboratory proceeded with analysis.

Metals

Methods 200.7 Rev 4.4, 6010D: The following sample(s) was diluted due to the presence of an interferent. Shot Blasters Waste Dust (310-261730-3). 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.

General Chemistry

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

Organic Prep

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

Sample Summary

Client: Unverferth Mfg Co
Project/Site: Waste Dust - SWA Renewal

Job ID: 310-261730-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-261730-1	Laser Waste Dust	Solid	08/02/23 10:27	08/03/23 08:30
310-261730-2	Plasma Tables Waste Dust	Solid	08/02/23 10:35	08/03/23 08:30
310-261730-3	Shot Blasters Waste Dust	Solid	08/02/23 10:45	08/03/23 08:30

Client Sample Results

Client: Unverferth Mfg Co
Project/Site: Waste Dust - SWA Renewal

Job ID: 310-261730-1

Client Sample ID: Laser Waste Dust

Lab Sample ID: 310-261730-1

Date Collected: 08/02/23 10:27

Matrix: Solid

Date Received: 08/03/23 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.100		0.100		mg/L		08/09/23 10:45	08/10/23 14:07	1
Barium	0.466		0.200		mg/L		08/09/23 10:45	08/10/23 14:07	1
Cadmium	<0.0200		0.0200		mg/L		08/09/23 10:45	08/10/23 14:07	1
Chromium	<0.0200		0.0200		mg/L		08/09/23 10:45	08/10/23 14:07	1
Lead	<0.100		0.100		mg/L		08/09/23 10:45	08/10/23 14:07	1
Selenium	<0.100		0.100		mg/L		08/09/23 10:45	08/10/23 14:07	1
Silver	<0.0500		0.0500		mg/L		08/09/23 10:45	08/10/23 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		08/10/23 10:59	08/11/23 12:57	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	6.5	HF	0.1		SU			08/03/23 23:03	1

Client Sample ID: Plasma Tables Waste Dust

Lab Sample ID: 310-261730-2

Date Collected: 08/02/23 10:35

Matrix: Solid

Date Received: 08/03/23 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.100		0.100		mg/L		08/09/23 10:45	08/10/23 14:09	1
Barium	0.782		0.200		mg/L		08/09/23 10:45	08/10/23 14:09	1
Cadmium	<0.0200		0.0200		mg/L		08/09/23 10:45	08/10/23 14:09	1
Chromium	<0.0200		0.0200		mg/L		08/09/23 10:45	08/10/23 14:09	1
Lead	<0.100		0.100		mg/L		08/09/23 10:45	08/10/23 14:09	1
Selenium	<0.100		0.100		mg/L		08/09/23 10:45	08/10/23 14:09	1
Silver	<0.0500		0.0500		mg/L		08/09/23 10:45	08/10/23 14:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		08/10/23 10:59	08/11/23 12:59	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	5.5	HF	0.1		SU			08/03/23 23:04	1

Client Sample ID: Shot Blasters Waste Dust

Lab Sample ID: 310-261730-3

Date Collected: 08/02/23 10:45

Matrix: Solid

Date Received: 08/03/23 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.200		0.200		mg/L		08/09/23 10:45	08/10/23 14:46	2
Barium	0.887		0.400		mg/L		08/09/23 10:45	08/10/23 14:46	2
Cadmium	<0.0400		0.0400		mg/L		08/09/23 10:45	08/10/23 14:46	2
Chromium	<0.0400		0.0400		mg/L		08/09/23 10:45	08/10/23 14:46	2
Lead	<0.200		0.200		mg/L		08/09/23 10:45	08/10/23 14:46	2
Selenium	<0.200		0.200		mg/L		08/09/23 10:45	08/10/23 14:46	2
Silver	<0.100		0.100		mg/L		08/09/23 10:45	08/10/23 14:46	2

Eurofins Cedar Falls

Client Sample Results

Client: Unverferth Mfg Co
Project/Site: Waste Dust - SWA Renewal

Job ID: 310-261730-1

Client Sample ID: Shot Blasters Waste Dust

Lab Sample ID: 310-261730-3

Date Collected: 08/02/23 10:45

Matrix: Solid

Date Received: 08/03/23 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00200		0.00200		mg/L		08/10/23 11:01	08/11/23 13:05	1

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5	HF	0.1		SU			08/03/23 23:07	1

Lab Chronicle

Client: Unverferth Mfg Co
Project/Site: Waste Dust - SWA Renewal

Job ID: 310-261730-1

Client Sample ID: Laser Waste Dust

Lab Sample ID: 310-261730-1

Date Collected: 08/02/23 10:27

Matrix: Solid

Date Received: 08/03/23 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			395933	FK4Z	EET CF	08/08/23 14:00 - 08/09/23 06:00 ¹
TCLP	Prep	3010A			396036	KCK5	EET CF	08/09/23 10:45
TCLP	Analysis	6010D		1	396349	ZRI4	EET CF	08/10/23 14:07
TCLP	Leach	1311			395933	FK4Z	EET CF	08/08/23 14:00 - 08/09/23 06:00 ¹
TCLP	Prep	7470A			396198	NFT2	EET CF	08/10/23 10:59
TCLP	Analysis	7470A		1	396420	NFT2	EET CF	08/11/23 12:57
Soluble	Leach	DI Leach			395566	ZJX4	EET CF	08/03/23 19:50
Soluble	Analysis	9045D		1	395568	ZJX4	EET CF	08/03/23 23:03

Client Sample ID: Plasma Tables Waste Dust

Lab Sample ID: 310-261730-2

Date Collected: 08/02/23 10:35

Matrix: Solid

Date Received: 08/03/23 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			395933	FK4Z	EET CF	08/08/23 14:00 - 08/09/23 06:00 ¹
TCLP	Prep	3010A			396036	KCK5	EET CF	08/09/23 10:45
TCLP	Analysis	6010D		1	396349	ZRI4	EET CF	08/10/23 14:09
TCLP	Leach	1311			395933	FK4Z	EET CF	08/08/23 14:00 - 08/09/23 06:00 ¹
TCLP	Prep	7470A			396198	NFT2	EET CF	08/10/23 10:59
TCLP	Analysis	7470A		1	396420	NFT2	EET CF	08/11/23 12:59
Soluble	Leach	DI Leach			395566	ZJX4	EET CF	08/03/23 19:50
Soluble	Analysis	9045D		1	395568	ZJX4	EET CF	08/03/23 23:04

Client Sample ID: Shot Blasters Waste Dust

Lab Sample ID: 310-261730-3

Date Collected: 08/02/23 10:45

Matrix: Solid

Date Received: 08/03/23 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			395933	FK4Z	EET CF	08/08/23 14:00 - 08/09/23 06:00 ¹
TCLP	Prep	3010A			396036	KCK5	EET CF	08/09/23 10:45
TCLP	Analysis	6010D		2	396349	ZRI4	EET CF	08/10/23 14:46
TCLP	Leach	1311			395933	FK4Z	EET CF	08/08/23 14:00 - 08/09/23 06:00 ¹
TCLP	Prep	7470A			396199	NFT2	EET CF	08/10/23 11:01
TCLP	Analysis	7470A		1	396420	NFT2	EET CF	08/11/23 13:05
Soluble	Leach	DI Leach			395566	ZJX4	EET CF	08/03/23 19:50
Soluble	Analysis	9045D		1	395568	ZJX4	EET CF	08/03/23 23:07

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

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

Eurofins Cedar Falls

Definitions/Glossary

Client: Unverferth Mfg Co
Project/Site: Waste Dust - SWA Renewal

Job ID: 310-261730-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

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

Accreditation/Certification Summary

Client: Unverferth Mfg Co
Project/Site: Waste Dust - SWA Renewal

Job ID: 310-261730-1

Laboratory: Eurofins Cedar Falls

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

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-23

1
2
3
4
5
6
7
8
9
10
11

Method Summary

Client: Unverferth Mfg Co
Project/Site: Waste Dust - SWA Renewal

Job ID: 310-261730-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
9045D	pH	SW846	EET CF
1311	TCLP Extraction	SW846	EET CF
3010A	Preparation, Total Metals	SW846	EET CF
7470A	Preparation, Mercury	SW846	EET CF
DI Leach	Deionized Water Leaching Procedure	ASTM	EET CF

Protocol References:

ASTM = ASTM International

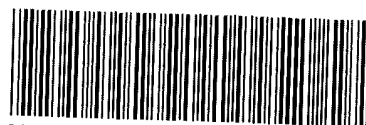
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401



Environment Testing
America



310-261730 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>University of North Carolina</u>			
City/State:	CITY	STATE	Project:
		<u>NC</u>	
Receipt Information			
Date/Time Received:	DATE	TIME	Received By:
	<u>8/3/23</u>	<u>0830</u>	<u>SL</u>
Delivery Type: <input checked="" type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?		If yes: Cooler ID:	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Multiple Coolers?		If yes: Cooler # _____ of _____	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Cooler Custody Seals Present?		If yes: Cooler custody seals intact?	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Custody Seals Present?		If yes: Sample custody seals intact?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Trip Blank Present?		If yes: Which VOA samples are in cooler? ↓	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Temperature Record			
Coolant: <input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE			
Thermometer ID:		Correction Factor (°C):	
<u>P</u>		<u>0</u>	
* Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C):		Corrected Temp (°C):	
<u>11.8</u>		<u>11.8</u>	
Sample Container Temperature			
Container(s) used:	CONTAINER 1	CONTAINER 2	
	<u>4oz glass</u>		
Uncorrected Temp (°C):	<u>14.3</u>	<u>11.2</u>	
Corrected Temp (°C):	<u>14.3</u>	<u>11.2</u>	
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			

Login Sample Receipt Checklist

Client: Unverferth Mfg Co

Job Number: 310-261730-1

Login Number: 261730

List Source: Eurofins Cedar Falls

List Number: 1

Creator: Lage, Sydney

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
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.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	