



IOWA DEPARTMENT OF NATURAL RESOURCES



REQUEST FOR SPECIAL WASTE AUTHORIZATION

Check one of the following: [X] 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\*** Anthony Walker **Title** E&S Project Manager  
*\*SWA approvals will be sent to this person at the address provided below.*  
**Company Name** DeeZee Inc  
**Mailing Address** 1572 NE 58th Ave  
**City** Des Moines **State** IA **Zip Code** 50313  
**Telephone #** 5157707840 **Email Address** awalker@deezee.com

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

**Address** 1300 Sloans Way  
**City** Pleasant Hill **State** IA **Zip Code** 50327

**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:**

Filter Bags are utilized to filter out material in our Stage 1 & 4 in our E-Coating powdercoating system, resulting in collection of particulates.

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

No pretreatment process has been utilized for the filter bags

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

Physical state at room temperature?  Solid  Semi-Solid  Liquid

Percent (%) Solid: 100 pH: 4.5-7 Flashpoint: < 250F

**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\* Metro Waste Authority East

*\*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](mailto: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 200 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:  Date: 3/23/2026

Printed Name: Anthony Walker Title: E&S Project Manager

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:**

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

**Name of Responsible Official\*:** \_\_\_\_\_

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

**Solid Waste Agency Name** \_\_\_\_\_

**Mailing Address** \_\_\_\_\_

**City** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip Code** \_\_\_\_\_

**Telephone #** \_\_\_\_\_ **Email Address** \_\_\_\_\_

**Responsible Official Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Anthony Walker  
Dee Zee Inc  
PO Box 604  
1572 NE 58th Avenue  
Des Moines, Iowa 50316

Generated 2/10/2026 4:23:28 PM

## JOB DESCRIPTION

TCLP - Aluminum Dust

## JOB NUMBER

310-324920-1

# 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  
2/10/2026 4:23:28 PM

Authorized for release by  
Samuel Miller, Project Management Assistant I  
[Samuel.Miller@et.eurofinsus.com](mailto:Samuel.Miller@et.eurofinsus.com)  
(319)595-2008



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# Case Narrative

Client: Dee Zee Inc  
Project: TCLP - Aluminum Dust

Job ID: 310-324920-1

**Job ID: 310-324920-1**

**Eurofins Cedar Falls**

## Job Narrative 310-324920-1

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 sample was received on 2/2/2026 9:30 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 10.9°C.

### Metals

Method 6010D - TCLP: The initial calibration verification (ICV) result for batch 310-480525 was above the upper control limit. The affected analytes are: Silver. Sample results were non-detects, and have been reported as qualified data.

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

Eurofins Cedar Falls

# Sample Summary

Client: Dee Zee Inc  
Project/Site: TCLP - Aluminum Dust

Job ID: 310-324920-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-324920-1	STP-STG 1	Solid	01/26/26 10:30	02/02/26 09:30	Iowa

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- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

# Client Sample Results

Client: Dee Zee Inc  
 Project/Site: TCLP - Aluminum Dust

Job ID: 310-324920-1

**Client Sample ID: STP-STG 1**

**Lab Sample ID: 310-324920-1**

Date Collected: 01/26/26 10:30

Matrix: Solid

Date Received: 02/02/26 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.100		0.100		mg/L		02/05/26 08:30	02/10/26 14:39	1
Barium	<0.200		0.200		mg/L		02/05/26 08:30	02/10/26 14:39	1
Cadmium	<0.0200		0.0200		mg/L		02/05/26 08:30	02/10/26 14:39	1
Chromium	<0.0200		0.0200		mg/L		02/05/26 08:30	02/10/26 14:39	1
Lead	<0.100		0.100		mg/L		02/05/26 08:30	02/10/26 14:39	1
Selenium	<0.100		0.100		mg/L		02/05/26 08:30	02/10/26 14:39	1
Silver	<0.0500	^1+	0.0500		mg/L		02/05/26 08:30	02/10/26 14:39	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		02/05/26 10:35	02/06/26 09:40	1

# Lab Chronicle

Client: Dee Zee Inc  
 Project/Site: TCLP - Aluminum Dust

Job ID: 310-324920-1

**Client Sample ID: STP-STG 1**

**Lab Sample ID: 310-324920-1**

**Date Collected: 01/26/26 10:30**

**Matrix: Solid**

**Date Received: 02/02/26 09:30**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			479937	U8FK	EET CF	02/03/26 15:56 - 02/04/26 08:00 <sup>1</sup>
TCLP	Prep	3005A			480040	RLT9	EET CF	02/05/26 08:30
TCLP	Analysis	6010D		1	480525	ZRI4	EET CF	02/10/26 14:39
TCLP	Leach	1311			479937	U8FK	EET CF	02/03/26 15:56 - 02/04/26 08:00 <sup>1</sup>
TCLP	Prep	7470A			480113	RLT9	EET CF	02/05/26 10:35
TCLP	Analysis	7470A		1	480243	RLT9	EET CF	02/06/26 09:40

<sup>1</sup> 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



# Definitions/Glossary

Client: Dee Zee Inc  
Project/Site: TCLP - Aluminum Dust

Job ID: 310-324920-1

## Qualifiers

### Metals

Qualifier	Qualifier Description
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Accreditation/Certification Summary

Client: Dee Zee Inc  
Project/Site: TCLP - Aluminum Dust

Job ID: 310-324920-1

## Laboratory: Eurofins Cedar Falls

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

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-27

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- 11

# Method Summary

Client: Dee Zee Inc  
Project/Site: TCLP - Aluminum Dust

Job ID: 310-324920-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
1311	TCLP Extraction	SW846	EET CF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CF
7470A	Preparation, Mercury	SW846	EET CF

**Protocol References:**

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



### Cooler/Sample Receipt and Temperature Log Form

<b>Client Information</b>			
Client. <u>Dee Zee In</u>			
City/State	CITY <u>Des Moines</u>	STATE <u>IA</u>	Project
<b>Receipt Information</b>			
Date/Time Received.	DATE <u>2/2/22</u>	TIME <u>0930</u>	Received By. <u>JL</u>
Delivery Type: <input type="checkbox"/> UPS <input checked="" 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: _____			
<b>Condition of Cooler/Containers</b>			
Sample(s) received in Cooler? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes: Cooler ID</i>			
Multiple Coolers? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes: Cooler # _____ of _____</i>			
Cooler Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No</i>			
Sample Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No</i>			
Trip Blank Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes. Which VOA samples are in cooler? ↓</i>			
<b>Temperature Record</b>			
Coolant: <input type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input checked="" type="checkbox"/> NONE			
Thermometer ID: <u>AA</u>		Correction Factor ( <u>0</u> )	
• <b>Temp Blank Temperature</b> – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C):		Corrected Temp (°C):	
• <b>Sample Container Temperature</b>			
Container(s) used.	CONTAINER 1 <u>3202 jar</u>	CONTAINER 2	
Uncorrected Temp (°C):	<u>10.9</u>		
Corrected Temp (°C):	<u>10.9</u>		
<b>Exceptions Noted</b>			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No a) <i>If yes: Is there evidence that the chilling process began?</i> <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			
<b>Additional Comments</b>			





## Login Sample Receipt Checklist

Client: Dee Zee Inc

Job Number: 310-324920-1

**Login Number: 324920**

**List Source: Eurofins Cedar Falls**

**List Number: 1**

**Creator: Patterson, Brody**

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
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.	True	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

