



IOWA DEPARTMENT OF NATURAL RESOURCES
**REQUEST FOR SPECIAL WASTE
 AUTHORIZATION**



Check one of the following: New Application Renewal, Existing SWA #: 07-SWA-38-04

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 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) 217-0872 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 Susan.Johnson@dnr.iowa.gov:

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 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 Sue Johnson at (515) 217-0872 or Susan.Johnson@dnr.iowa.gov.

SECTION 1: WASTE GENERATOR INFORMATION

Name of Primary Contact* ZACH BASS Title PLANT MANAGER
**SWA approvals will be sent to this person at the address provided below.*

Company Name STANDARD GOLF COMPANY

Mailing Address 6620NORDIC DRIVE

City CEDAR FALLS State IOWA Zip Code 50613

Telephone # 319-266-2638 Email Address zach@standardgolf.com

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

Address SAME AS ABOVE

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:

DRY PAINT FILTERS FROM PAINT SPRAY BOOTHS

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*):

THERE ARE NO ALTERNATIVES USES ~~THAT~~ WE KNOW OF

Physical state at room temperature? Solid Semi-Solid Liquid
Percent (%) Solid: 97.8 pH: 8.7 Flashpoint: 215°

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* BLACK HAWK COUNTY 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) 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 250 pounds

Indicate the amount on hand to be disposed of immediately: 100 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: 10/17/22
Printed Name: ZACH BASS Title: PLANT 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.

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

This is a pollution control waste potentially containing RCRA regulated hazardous materials and is potentially hazardous if TCLP limits are exceeded. Paint filters have demonstrated a tendency to spontaneously combust.

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

The generator is required to separate the material from other waste. If mixed, the entire load will be considered as special waste. All efforts to prevent spontaneous combustion of paint filters and minimize the generation of dust prior to delivery shall be exercised. Thorough drying of the material is necessary. Waste can not contain any free liquids and must pass the paint filter test.

Arrangements for delivery must be made 24 hours in advance to the landfill at (319) 296-2524. The driver shall identify the material by the SWA number to the scale house operator upon arrival. Documentation must be presented to the scale house operator while on the inbound scale.

The waste will be deposited in the designated area, worked into the active face and covered as required.

Generator is required to test the waste material periodically and notify BHCSWC Administrator of any process change or deviations from the submitted sampled parameters. Generator must notify the receiving landfill for re-evaluation.

Name of Responsible Official*: John A. Foster

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

Solid Waste Agency Name Black Hawk County Solid Waste Management Commission

Mailing Address 229 E. Park Ave., P.O. Box 208

City Waterloo **State** IA **Zip Code** 50704

Telephone # 319-234-8115 **Fax #** jfoster@wastetrac.org

Responsible Official Signature:  **Date:** October 18, 2022



Environment Testing
America

ANALYTICAL REPORT

Eurofins Cedar Falls
3019 Venture Way
Cedar Falls, IA 50613
Tel: (319)277-2401

Laboratory Job ID: 310-242023-1
Client Project/Site: TCLP

For:
Standard Golf
PO BOX 68
Cedar Falls, Iowa 50613

Attn: Zach Bass

Authorized for release by:
10/14/2022 2:22:27 PM
Conner Calhoun, Project Management Assistant I
(319)277-2401
Conner.Calhoun@et.eurofinsus.com

Designee for
Shirley Thompson, Client Service Manager
(319)277-2401
Shirley.Thompson@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

Case Narrative

Client: Standard Golf
Project/Site: TCLP

Job ID: 310-242023-1

Job ID: 310-242023-1

Laboratory: Eurofins Cedar Falls

Narrative

Job Narrative
310-242023-1

Comments

No additional comments.

Receipt

The samples were received on 10/10/2022 3:45 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 was 21.4° C.

Metals

No analytical or quality issues were noted, other than those described 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: Standard Golf
Project/Site: TCLP

Job ID: 310-242023-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
310-242023-1	Paint Filter	Solid	10/10/22 08:00	10/10/22 15:45
310-242023-2	Waste Powder	Solid	10/10/22 08:00	10/10/22 15:45
310-242023-3	Wastewater Sludge	Solid	10/10/22 08:00	10/10/22 15:45

Client Sample Results

Client: Standard Golf
Project/Site: TCLP

Job ID: 310-242023-1

Client Sample ID: Paint Filter

Date Collected: 10/10/22 08:00

Date Received: 10/10/22 15:45

Lab Sample ID: 310-242023-1

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	<0.200		0.200		mg/L		10/14/22 13:18	1	ZRI4
Barium	<0.500		0.500		mg/L		10/14/22 13:18	1	ZRI4
Cadmium	<0.0200		0.0200		mg/L		10/14/22 13:18	1	ZRI4
Chromium	<0.0200		0.0200		mg/L		10/14/22 13:18	1	ZRI4
Lead	<0.100		0.100		mg/L		10/14/22 13:18	1	ZRI4
Selenium	<0.100		0.100		mg/L		10/14/22 13:18	1	ZRI4
Silver	<0.0200		0.0200		mg/L		10/14/22 13:18	1	ZRI4

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Mercury	<0.00200		0.00200		mg/L		10/13/22 19:05	1	XXW3

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Analyzed	Dil Fac	Analyst
Flashpoint	>200		65.0		Degrees F		10/12/22 17:02	1	V7KD

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Analyzed	Dil Fac	Analyst
pH	8.7	HF	0.1		SU		10/11/22 23:59	1	ZJX4

Client Sample ID: Waste Powder

Date Collected: 10/10/22 08:00

Date Received: 10/10/22 15:45

Lab Sample ID: 310-242023-2

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	<0.200		0.200		mg/L		10/14/22 13:20	1	ZRI4
Barium	3.95		0.500		mg/L		10/14/22 13:20	1	ZRI4
Cadmium	<0.0200		0.0200		mg/L		10/14/22 13:20	1	ZRI4
Chromium	<0.0200		0.0200		mg/L		10/14/22 13:20	1	ZRI4
Lead	<0.100		0.100		mg/L		10/14/22 13:20	1	ZRI4
Selenium	<0.100		0.100		mg/L		10/14/22 13:20	1	ZRI4
Silver	<0.0200		0.0200		mg/L		10/14/22 13:20	1	ZRI4

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Mercury	<0.00200		0.00200		mg/L		10/13/22 19:07	1	XXW3

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Analyzed	Dil Fac	Analyst
Flashpoint	>200		65.0		Degrees F		10/12/22 17:02	1	V7KD

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Analyzed	Dil Fac	Analyst
pH	7.0	HF	0.1		SU		10/12/22 00:02	1	ZJX4

Eurofins Cedar Falls

Client Sample Results

Client: Standard Golf
Project/Site: TCLP

Job ID: 310-242023-1

Client Sample ID: Wastewater Sludge

Lab Sample ID: 310-242023-3

Date Collected: 10/10/22 08:00

Matrix: Solid

Date Received: 10/10/22 15:45

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Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	DII Fac	Analyst
Arsenic	<0.200		0.200		mg/L		10/14/22 13:22	1	ZRI4
Barium	0.832		0.500		mg/L		10/14/22 13:22	1	ZRI4
Cadmium	<0.0200		0.0200		mg/L		10/14/22 13:22	1	ZRI4
Chromium	<0.0200		0.0200		mg/L		10/14/22 13:22	1	ZRI4
Lead	<0.100		0.100		mg/L		10/14/22 13:22	1	ZRI4
Selenium	<0.100		0.100		mg/L		10/14/22 13:22	1	ZRI4
Silver	<0.0200		0.0200		mg/L		10/14/22 13:22	1	ZRI4

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	DII Fac	Analyst
Mercury	<0.00200		0.00200		mg/L		10/13/22 19:09	1	XXW3

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Analyzed	DII Fac	Analyst
Flashpoint	>200		65.0		Degrees F		10/12/22 17:02	1	V7KD

General Chemistry - Soluble

Analyte	Result	Qualifier	RL	RL	Unit	D	Analyzed	DII Fac	Analyst
pH	8.0	HF	0.1		SU		10/12/22 00:03	1	ZJX4

Accreditation/Certification and Definitions Summary

Client: Standard Golf
Project/Site: TCLP

Job ID: 310-242023-1

Laboratory: Eurofins Cedar Falls

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

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-02-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
D92		Solid	Flashpoint

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
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
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)

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Accreditation/Certification and Definitions Summary

Client: Standard Golf
Project/Site: TCLP

Job ID: 310-242023-1

Glossary (Continued)

Abbreviation **These commonly used abbreviations may or may not be present in this report.**
TNTC Too Numerous To Count

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Method Summary

Client: Standard Golf
Project/Site: TCLP

Job ID: 310-242023-1

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	EET CF
7470A	Mercury (CVAA)	SW846	EET CF
9045D	pH	SW846	EET CF
D92	Flashpoint	ASTM	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

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Environment Testing
America



310-242023 Chain of Custody

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client: <u>Standard Golf</u>			
City/State:	<u>Cedar Falls</u>	STATE: <u>IA</u>	Project:
Receipt Information			
Date/Time Received:	DATE: <u>10/10/22</u>	TIME: <u>1445</u>	Received By: <u>JK</u>
Delivery Type: <input 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes: Cooler ID: <u>12-P</u>	
Multiple Coolers?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler # _____ of _____	
Cooler Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Trip Blank Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes: Which VOA samples are in cooler? ↓	
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: <u>S</u>	Correction Factor (°C): <u>0</u>		
* Temp Blank Temperature: If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): <u>21.4</u>	Corrected Temp (°C): <u>21.4</u>		
Sample Container Temperature			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input checked="" 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			

