



IOWA DEPARTMENT OF NATURAL RESOURCES
REQUEST FOR SPECIAL WASTE
AUTHORIZATION



Check one of the following: New Application ☒ Renewal, Existing SWA # 77-SWA-16-07

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 3 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) 281-7982 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 2 copies of the completed application with attachments (TCLP, MSDS, SWAC, etc.) to the department at the following address:

Planning, Permitting & Engineering Services Section
Energy & Waste Management Bureau
Iowa Department of Natural Resources
502 East 9th Street
Des Moines, IA 50319

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) 281-7982 or susan.johnson@dnr.state.ia.us.

SECTION 1: WASTE GENERATOR INFORMATION

Name of Primary Contact* Dean Hulsebus Title Project Manager

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

Company Name Dee Zee Manufacturing

Mailing Address 1572 NE 58th St.

City Des Moines State IA Zip Code 50313

Telephone # 515-265-7331 Fax # 515-265-2105

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

Address same

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:

Filters resulting from industrial waste water treatment process.

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*):

No alternatives have been identified.

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: Dec 200 In Lish

Date: 10/14/13

Printed Name: Michael A Meyer

Title: COO

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:

This product meets the criteria for the MWA SWAC for spent activated carbon filters. These filters use zinc as the active filtration media resulting in a slight variance from the SWAC, but the properties are very similar and both result from industrial water treatment processes. To assure that these are fully dried and meet TCLP requirements, MWA will manage these as a special waste under the parameters listed in this SWAC (see attached)

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

As indicated in SWAC for spent activated carbon filters.

Name of Responsible Official*: Deb Danley

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

Solid Waste Agency Name Metro Waste Authority

Mailing Address 12181 NE University Ave

City Mitchellville State IA Zip Code 50169

Telephone # 515-333-4475 Fax # 515-967-7965

Responsible Official Signature: [Signature] Date: 2-10-14

Debra Danley

From: Dean Hulsebus [dhulsebus@deezee.com]
Sent: Monday, February 10, 2014 2:44 PM
To: Debra Danley
Subject: RE: analysis

There have been no changes to the process or chemicals used.

-----Original Message-----

From: Debra Danley [mailto:dda@mwatoday.com]
Sent: Monday, February 10, 2014 2:20 PM
To: Dean Hulsebus
Subject: analysis

Dean, I have attached the TCLP I have on file from 2007 for the water treatment filters. Please verify that there have been no changes in your process. If there has been, please submit new TCLP results. Let me know if you have any questions.

Thank you,

Deb Danley
Special Waste Representative

Metro Park East Landfill
12181 NE University Ave. | Mitchellville | Iowa | 50169
Office: 515.333.4475 | Fax: 515.967.7965
Cell: 515.249.5859 | E-mail: dda@mwatoday.com

www.WhereItShouldGo.com

Accreditations:
Iowa DNR: 095
New Jersey DEP: IA001
Kansas DHE: E-10287

ANALYTICAL REPORT

May 31, 2007

Page 1 of 1

Work Order: 17E1056

Report To
Dean D. Hulsebus Dee Zee Manufacturing 1572 NE 58th Ave Des Moines, IA 50313

Work Order Information
Date Received: 05/22/2007 4:49PM Collector: Phone: (515) 265-7331 PO Number:

Project: Water Analysis
Project Number: Wastewater

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
17E1056-01 Water Filter				Matrix:Solid		Collected: 05/18/07 08:30	
Arsenic (TCLP)	<0.200 mg/l	0.200	1E73023	EPA 6010B	RVV	05/31/07 11:52	
Barium (TCLP)	0.540 mg/l	0.100	1E73023	EPA 6010B	RVV	05/31/07 11:52	
Cadmium (TCLP)	<0.050 mg/l	0.050	1E73023	EPA 6010B	RVV	05/31/07 11:52	
Chromium (TCLP)	<0.050 mg/l	0.050	1E73023	EPA 6010B	RVV	05/31/07 11:52	
Lead (TCLP)	<0.050 mg/l	0.050	1E73023	EPA 6010B	RVV	05/31/07 11:52	
Mercury (TCLP)	<0.00500 mg/l	0.00500	1E73011	EPA 7470A	MAQ	05/30/07 16:24	
Selenium (TCLP)	<0.200 mg/l	0.200	1E73023	EPA 6010B	RVV	05/31/07 11:52	
Silver (TCLP)	<0.100 mg/l	0.100	1E73023	EPA 6010B	RVV	05/31/07 11:52	
TCLP pH, Initial	4.9 pH		1E72917	EPA 1311	RVV	05/30/07 8:20	
TCLP pH, Final	5.2 pH		1E72917	EPA 1311	RVV	05/30/07 8:20	

End of Report

Sue Thompson

Keystone Laboratories, Inc.
Sue Thompson
Project Manager I

<p>Sludges</p> <p>Examples: Bar screenings; Grease skimmings.</p>	<p>Instructions:</p> <ol style="list-style-type: none"> 1. The generator must contact the Metro Waste Authority to request a Special Waste application form and to determine what analytical tests and packaging requirements shall be required before disposal. 2. The generator must complete required MWA forms and receive a disposal permit from MWA. 3. The generator shall pre-arrange a delivery schedule with the landfill operator. 4. MWA may limit deliveries if waste volumes or operating hours dictate. 5. Large deliveries will be scheduled far enough in advance to give the Landfill operator time to prepare. 6. The generator shall stabilize all waste to destroy any pathogenic organisms prior to disposal at the landfill. Stabilization can be done by addition of lime to raise the pH to at least 12 for 2 hours. 7. All waste must be thoroughly dewatered before delivery. 8. The generator and hauler shall take appropriate measures to limit excessive fugitive dust emission during transportation and disposal. 9. All wastes must be subjected to and pass the required TCLP for suspected contaminants, pH, and flashpoint testing. 10. Special waste delivered to the Landfill shall arrive as a separate load and may not be commingled with any other waste. 11. The hauler shall identify the waste to the scale operator and present a copy of the disposal permit upon arrival at the landfill. 12. The scale operator shall direct the hauler to the working face. 13. The MWA staff working at the daily disposal cell shall visually inspect the waste to determine that the delivered waste meets the requirements of the disposal permit. 14. The waste shall be placed in a hole constructed at the working face and buried to avoid pushing of waste. 15. Waste will be appropriately covered with refuse or daily cover soil to minimize fugitive dust. <p>NOTES:</p> <p>The waste can not contain any free liquids and must be able to pass the paint filter test, Method 9095, as found in the U.S. EPA publication SW-846, Third Edition, Test Methods for Evaluating Solid Waste.</p> <p>Generators must perform additional analysis when process or raw material changes are made which affect the characterization of these wastes.</p> <p>The generator has the full responsibility of adequately proving the waste is non-hazardous before waste is delivered to the Landfill.</p>
<p>Spent Activated Carbon Filters</p> <p>Example: Contaminated water carbon filters.</p>	<p>Instructions:</p> <ol style="list-style-type: none"> 1. The generator must contact the Metro Waste Authority to request a Special Waste application form and to determine what analytical tests and packaging requirements shall be required before disposal. 2. The generator must complete required MWA forms and receive a disposal permit from MWA. 3. The generator shall pre-arrange a delivery schedule with the landfill operator. 4. MWA may limit deliveries if waste volumes or operating hours dictate. 5. All wastes must be subjected to and pass a TCLP test for suspected contaminants. 6. Special waste delivered to the Landfill shall arrive as a separate load and may not be commingled with any other waste. 7. The hauler shall identify the waste to the scale operator and present a copy of the disposal permit upon arrival at the landfill. 8. The scale operator shall direct the hauler to the working face. 9. The MWA staff working at the daily disposal cell shall visually inspect the waste to determine that the delivered waste meets the requirements of the disposal permit. 10. The waste shall be placed in a hole constructed at the disposal area and buried to avoid pushing of waste. 11. The waste will be appropriately covered with refuse or daily soil cover. <p>NOTES:</p> <p>The waste can not contain any free liquids and must be able to pass the paint filter test, Method 9095, as found in the U.S. EPA publication SW-846, Third Edition, Test Methods for Evaluating Solid Waste.</p> <p>Generators must perform additional analysis when process or raw material changes are made which affect the characterization of these wastes.</p> <p>The generator has the full responsibility of adequately proving the waste is non-hazardous before waste is delivered to the Landfill.</p>