

## **Special Waste Application**

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The Contaminated Soil/Special Waste Program operated by ROSERIDGE WASTE MANAGEMENT SERVICES COMMISSION accepts only non-hazardous solid waste as outlined in Alberta Environment's Waste Control Regulation (192/96). Hazardous wastes, hazardous oilfield wastes, and liquid wastes are not accepted. ROSERIDGE WASTE MANAGEMENT SERVICES COMMISSION retains the right to deny the acceptance of any waste that they deem is not in their best interests to accept.

### **APPLICATION PROCEDURE**

Contaminated soils are accepted on an application basis only using the attached "Special Waste Disposal Application" form. Each application must be accompanied by any necessary backup information (e.g. samples, laboratory reports, sampling procedures, site maps, etc.), and applications must be signed by a qualified Professional Engineer, Geologist, Geophysicist, Agrologist, or Biologist (P.Eng., P.Geol., P. Geoph., P.Ag., or P.Biol.).

The Waste Generator or their Agent is responsible for fully characterizing the waste in accordance with provincial regulations and guidelines. The Generator/Agent will be held responsible for any compliance action and/or costs resulting from incorrect characterization/classification of the waste.

Under certain circumstances, it may be acceptable to issue an approval for a material that is generated on an ongoing basis. In this case, the approval will be issued for a maximum of one year. Upon its expiry, a new application with updated sampling and analytical data must be submitted to obtain another approval. If, at some time during the period for which an ongoing approval was issued, the nature of the material changes from the analytical information provided in the original application, the Waste Generator/Agent must submit a new application for review.

### **ACCEPTANCE AT SITE**

Approved contaminated soils are accepted at the Landfill/Facility site, weather permitting, during normal operating hours and within the dates specified on the approval letter (unless otherwise authorized). Waste Generators/Applicants or their haulers are required to provide the Landfill/Facility with 24 hour's notice prior to commencing hauling.

To ensure compliance, soil shipments are subject to random verification screening upon arrival to confirm the accuracy of the information provided by the Waste Generator/Applicant in their Special Waste Disposal Application.

All testing and verification testing shall be done by the Waste Generator/Applicant at no additional cost the Commission.

- i. For routine process byproduct materials (e.g. produces sand), One test for every 5,000 tonnes to be delivered, with a minimum of three tests per project.
- ii. For well sites and tank farm cleanups, one test for every 2,000 tonnes to be delivered, with a minimum of two tests per project
- iii. For any project under 500 tonnes, one representative test will normally work.

**Note: Generator will supply test results to ROSERIDGE WASTE MANAGEMENT SERVICES COMMISSION on an ongoing basis**



In the event that discrepancies arise between the application and the verification testing, the soils may be re-sampled, subject to a surcharge, and/or removed from the site, at the Waste Generator's expense.

### **PROCESSING FEE, ACCOUNTS & INVOICING**

An application processing fee of \$200.00 is payable upon submission of the Special Waste Disposal Application and prior to shipping documents being provided.

Invoices for the acceptance of the contaminated soils will be issued by the Commission to the Waste Generator monthly, unless otherwise stated.

In the event that my account is unpaid by the 30th day following the date of the invoice, I/we herby authorize the Roseridge Waste Management Services Commission to add to the account a service charge of 1.5% per month on all amounts not paid within the above period and agree to pay such charges.

### **CONFIDENTIALITY**

The Landfill which ROSERIDGE WASTE MANAGEMENT SERVICES COMMISSION owns and operates is considered to be a "pubic body," and the information submitted as part of the Special Waste Program, whether the application is approved or denied, is therefore subject to the Freedom of Information and Privacy (FOIP) Act and accompanying regulations. It is the responsibility of the Landfill Commission to ensure that the information provided is managed in accordance with FOIP, and that the confidentiality of the Waste Generator/Applicant within the FOIP structure is upheld and respected at all times.

## 2021 Special Waste Disposal Application

One application form must be completed by the Waste Generator/Owner or its Authorized Agent (as stated in writing) for each waste type and signed by a designated professional (P.Eng., P.Geol., P. Geoph., P.Ag., or P.Biol.). The completion of this application does not in any way automatically provide approval for the disposal of any waste product. Approval may or may not be given for the disposal of any waste by order of the designated Waste Commission. **Please print clearly.**

<b>A. DISPOSAL SITE REQUESTED</b>			<b>B. ATTACHMENTS</b>		
<input type="checkbox"/> Roseridge Regional Landfill			<input type="checkbox"/> Laboratory Analysis <input type="checkbox"/> MSDS <input type="checkbox"/> Agent Authorization <input type="checkbox"/> Processing Fee <input type="checkbox"/> Site/Sample Map <input type="checkbox"/> Representative Sample <input type="checkbox"/> Other:		
<b>C. APPLICANT INFORMATION</b>			<b>D. GENERATOR/OWNER INFORMATION</b>		
Company:			Company:		
Contact:			Contact:		
Address:			Address:		
City:	Prov:	Postal Code	City:	Prov:	Postal Code
Tel:		Fax:	Tel:		Fax:
<b>E. BILLING INFORMATION</b>					
Invoice Disposal Fees To:			Invoice Processing Fee (\$200.00) To:		
<input type="checkbox"/> applicant <input type="checkbox"/> generator/owner <input type="checkbox"/> other (provide info below)			<input type="checkbox"/> applicant <input type="checkbox"/> generator/owner <input type="checkbox"/> other (provide info below)		
Company:			Company:		
Contact:			Contact:		
Address:			Address:		
City:	Prov:	Postal Code	City:	Prov:	Postal Code
Tel:		Fax:	Tel:		Fax:
PO/Project #:			PO/Project #:		
<b>F. SHIPPING INFORMATION</b>					
Quantity (show units):			Shipper/Contractor:		
Shipment Method: <input type="checkbox"/> Bulk <input type="checkbox"/> Bag <input type="checkbox"/> Drums <input type="checkbox"/> Other			Hauler (if differs from above):		
Shipping Frequency: <input type="checkbox"/> One Time <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Annual			Proposed Delivery Dates: From:      To:		
<b>G. WASTE TYPE</b>					
<input type="checkbox"/> Soil Containing Hydrocarbon			<input type="checkbox"/> Produced Sand		
<input type="checkbox"/> Other:					
Source/Generating Process:					
Job Site:					

## H. WASTE CLASSIFICATION

Is the waste a hazardous waste as defined by the Waste Control Regulation?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is the waste a dangerous oilfield waste as per EUB regulations/guidelines?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is the waste a dangerous good as defined by TDGA/TDGR?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>If yes:</b> Shipping Name:	Classification: PIN:

## I. PHYSICAL/CHEMICAL PROPERTIES

Physical State:	pH:	EC:	SAR:
<input type="checkbox"/> Dry Solid <input type="checkbox"/> Damp Solid	EOX:	PCB:	Chloride:
<input type="checkbox"/> Liquid <input type="checkbox"/> Dust/Powder	Density:	kg/m3	
<input type="checkbox"/> Sludge ( _____ %solids)	Flashpoint:	<input type="checkbox"/> <61°C <input type="checkbox"/> >61°C	
<input type="checkbox"/> Other:	Pesticides:	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Odour: <input type="checkbox"/> none <input type="checkbox"/> slight <input type="checkbox"/> strong	Recommended/Special Handling Requirements:		
Describe:			
Soil: Fine Grained Course Grained			

## J. CHEMICAL CONSTITUENTS (list or attach summary table)

Chemical/Compound	Concentration & units	Chemical/Compound	Concentration & units

## K. DECLARATION

I hereby certify that the information provided in this application and accompanying documents is accurate and complete, and that no deliberate or willful omissions of information exist. The analytical data provided is representative of the waste to be shipped to the landfill facility, and samples were collected, preserved, and analyzed in a manner consistent with AEP/EUB requirements and ROSERIDGE WASTE MANAGEMENT SERVICES COMMISSION's Special Waste Application and Approval Policy. All known or suspected contaminants and hazards have been identified, and the waste is not classified as a hazardous waste, dangerous oilfield waste, or liquid waste under Alberta Environmental Protection or EUB regulations and guidelines.

I agree to comply with the standard terms, conditions, policies and procedures of ROSERIDGE WASTE MANAGEMENT SERVICES COMMISSION and the landfill site and acknowledge that the Shipper has knowledge of all regulations, restrictions, and/or agreements for the acceptance of this material and agrees to abide by the said regulations, restrictions, and/or agreements. I further acknowledge that the Waste Generator and/or their Agents will be held responsible for any compliance action and/or incurred costs resulting from incorrect characterization/classification of the waste.

Name & Professional Designation (print): Seal:

Signature:

Date:

## L. APPROVAL INFORMATION (office use only)

<input type="checkbox"/> Approved <input type="checkbox"/> Denied	Comments/Instructions:
Access Code:	Placement:
Date:	Signature:
ACCOUNT APPROVED: Y OR N	CONDITIONS:

## 2021 Special Waste Chemical Analysis Chart

The "Applicant Data" section of the following chart is to be **completed, signed** and **dated** by the applicant. Please provide the **worst-case** values from the results of the laboratory tests. **Attach laboratory results to this form and submit with the application for review.** If you are using a composite sample, please indicate below:

**IS SAMPLE COMPOSITE?** YES ☐ NO ☐

Criteria	Worst Case (Per Analysis of Samples provided)		CCME <sup>1</sup> Fraction Industrial Land Use ( soils )		Landfill Policy		Units	Detection Limit
	Applicant Data	Office Use	Fine Grained	Course Grained	Daily Cover	Accepted as waste		

### CCME TOTAL HYDROCARBONS

F-1 (C6-C10)			<320	<320		NH	mg/kg	5
F-1 BTEX						NH	mg/kg	5
F-2 (C10-C16)			<1500	<760		NH	mg/kg	5
F-3 (C16-C34)			<2500	<1700		NH	mg/kg	5
F-4 (C34-C50)			<6600	<3300		NH	mg/kg	5
Total Hydrocarbons (C6-C50 )						NH	mg/kg	5
SCH Soils / Any Location					<20000	NH	mg/kg	
Chrome. To Baseline at nC50						NH		

### BTEX

Benzene			<310	<180	<55	NH	mg/kg	0.01
Toluene			<330	<250	<340	NH	mg/kg	0.01
Ethylbenzene			<430	<300	<400	NH	mg/kg	0.01
Xylenes			<230	<350	<130	NH	mg/kg	0.01

### BASIC

Moisture					Passes paint filter test No free liquid		%	0.1
Flash Point					>61	>61	C	
pH					5.0 - 12.0	2.5 - 12.5	pH	0.1
pH for Final/ Intermediate Cover					6.0 - 8.5		pH	

### OTHER

Chlorides					3,000		mg/kg	
Lead					<600		mg/kg	2
Lead for Final cover					<50	N/A/	mg/kg	
Leachable lead / any usage / total > 50 mg/kg					<5	<5	mg/L	0.05

<sup>1</sup> Canada-Wide Standards for Petroleum Hydrocarbons (PHC) in Soil, Table 2 Summary of Tier 1 Levels (mg/kg) for surface soil, 2001, Winnipeg, Table Revised January 2008

**TCLP LEACHABLE METALS**

Metal	Worst Case (Per Analysis of Samples provided)	Table 1 WCR Hazardous Waste Limit (1996) <sup>1,2,4</sup> (mg/l)
	Applicant Data	
Silver (Ag)		5
Arsenic (As)		5
Boron (B)		500
Barium (Ba)		100
Beryllium (Be)		5
Cadmium (Cd)		1
Cobalt (Co)		100
Chromium (Cr)		5
Copper (Cu)		100
Iron (Fe)		1000
Mercury (Hg)		0.2
Nickel (Ni)		5
Lead (Pb)		5
Antimony (Sb)		500
Selenium (Se)		1
Thallium (Tl)		5
Uranium (U)		2
Vanadium (V)		100
Zinc (Zn)		500
Zirconium (Zr)		500

**TCLP LEACHABLE BTEX**

Constituent	Worst Case (Per Analysis of Samples provided)	Table 1 WCR Hazardous Waste Limit (1996) <sup>1,2,4</sup> (mg/l)
	Applicant Data	
Benzene		0.5
Toluene		0.5
Ethylbenzene		0.5
Xylenes		0.5

- <sup>1</sup> Alberta User Guide for Waste Managers, Table 2: Schedule 1, Section 1(g) Substances, Hazardous Waste Limits Control Regulation
- <sup>2</sup> Where no limit is indicated in these tables, resources do not report a limit for that metal.
- <sup>3</sup> **NC** - denotes no designated substance limits in Alberta User Guide for Waste Managers
- <sup>4</sup> **NH** – Non-Hazardous / Alberta User Guide for Waste Managers, Table 2: Schedule 1, Section 1(g) Substances, Hazardous Waste Limits Control Regulation
- <sup>5</sup> Canada-Wide Standards for Petroleum Hydrocarbons (PHC) in Soil, Table 2 Summary of Tier 1 Levels (mg/kg) for surface soil, 2001, Winnipeg, Table Revised January 2008

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Name (Please Print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date: