



Leduc & District Regional Waste Management Facility

Special Waste Disposal Application

APPLICANT INFORMATION

COMPANY NAME: _____ PHONE: _____

CONTACT NAME: _____

MAILING ADDRESS: _____

EMAIL: _____

WASTE GENERATOR INFORMATION

COMPANY NAME: _____

CONTACT NAME: _____ PHONE: _____

MAILING ADDRESS: _____

EMAIL: _____

BILLING INFORMATION

DISPOSAL FEES INVOICING

APPLICANT (as above) WASTE GENERATOR (as above) OTHER (provide information below)

PO / PROJECT NAME: _____

COMPANY NAME: _____

CONTACT NAME: _____ PHONE: _____

MAILING ADDRESS: _____

EMAIL: _____

INVOICE PROCESSING FEE (\$125.00 + GST)

APPLICANT (as above) WASTE GENERATOR (as above) OTHER (provide information below)

PO / PROJECT NAME: _____

COMPANY NAME: _____

CONTACT NAME: _____ PHONE: _____

MAILING ADDRESS: _____

EMAIL: _____



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SHIPPING INFORMATION

SHIPPER / HAULER NAME: _____ VEHICLE TYPE: _____

QUANTITY (metric tonnes): _____

SHIPPING METHOD: BULK DRUM BAG OTHER (please specify): _____

SHIPPING FREQUENCY: ONE TIME WEEKLY MONTHLY ANNUAL

PROPOSED DELIVERY DATES: _____

NUMBER OF UNITS: _____ ESTIMATED LOADS / DAY: _____

PROJECT DETAILS

PROJECT ADDRESS / LSD: _____ CITY / COUNTY: _____

QUANTITY (metric tonnes): _____

PURPOSE FOR PROJECT: _____

DESCRIPTION OF PROJECT: _____

WASTE TYPE AND CLASSIFICATION

WASTE TYPE (e.g. soils, sand, etc.): _____

PLEASE INDICATE IF THE WASTE IS: HAZARDOUS AS DEEMED BY THE WASTE CONTROL REGULATION
 WASTE THAT IS AER RELATED
 A DANGEROUS OILFIELD WASTE AS PER EUB REGULATIONS
 A DANGEROUS GOOD AS DEFINED BY TDGA/TDGR

IF YOU ANSWER YES TO ANY OF THE ABOVE, PLEASE PROVIDE THE FOLLOWING INFORMATION:

SHIPPING NAME: _____ CLASSIFICATION: _____ PIN: _____

ATTACHMENTS TO APPLICATION

LABORATORY ANALYSIS MSDS AUTHORIZATION LETTER SITE / SAMPLE MAP



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CONDITIONS FOR APPROVAL

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.) or by an Authorized Agent in which has complete knowledge of the waste and site.

The completion of this Application does not in any way grant the applicant approval for the disposal of waste product. Upon assessment, approval may or may not be granted, and is subject to the sole discretion of the Director of Operations and/or the Leduc & District Regional Waste Management Commission. Approval is subject to meeting the conditions outlined in the attached *Special Waste Procedure and Approval* document. Upon receipt, applications will be reviewed by the Director of Operations for completeness and compatibility with the Commissions policies, procedures and programs. **The Director of Operations will reject applications that are incomplete or not compatible. Please print clearly.**

DECLARATION AND AUTHORIZATION

By signing below, I certify that the information provided in this application and accompanying documents is accurate and complete. There are no deliberate or willful omissions of information, and the analytical data provided represents the waste to be shipped to the landfill facility. Further, I confirm that the samples were collected, preserved, and analyzed in a manner consistent with Alberta Environmental Protection or AER regulation requirements, and meets the standards of the Leduc & District Regional Waste Management Commission's *Special Waste Procedure and Approval*. All known or suspected contaminants and hazards have been identified, and I certify that the waste is not classified as hazardous waste, dangerous oilfield waste, or liquid waste by the above noted regulations and guidelines.

I agree to comply with the standard terms, conditions, policies and procedures of 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: _____ POSITION: _____

SIGNATURE: _____ DATE OF APPLICATION: _____

Once completed, please email this Application to info@LDRWMC.ca, or you may mail or drop off the Application at the City of Leduc Civic Centre. ***Please note that incomplete applications will not be processed.***

Leduc & District Regional Waste Management Commission
c/o City of Leduc Civic Centre, #1 Alexandra Park, Leduc, AB T9E 4C4

OFFICE USE ONLY	
Date Received: _____	Approved by: _____
Approval Number: _____	Account Number: _____
Conditions / Notes: _____	



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PHYSICAL/CHEMICAL PROPERTIES					
<input type="checkbox"/> Dry Solid	<input type="checkbox"/> Damp Solid	Smell:	<input type="checkbox"/> none	<input type="checkbox"/> slight	<input type="checkbox"/> strong
<input type="checkbox"/> Sludge (% solids)		Description of Material:			
<input type="checkbox"/> Dust/Powder		Density:	kg/m3		
<input type="checkbox"/> Other:		Type:	<input type="checkbox"/> Fine Grained	<input type="checkbox"/> Coarse Grained	
Are there Special Handling Requirements?					

Criteria	Highest Level Recorded		Units	Landfill Acceptance Policy		CCME1 Fraction Industrial Land Use (soils)	
	Sample Data	Office Use		Daily Cover	Accepted as waste	Fine Grained	Course Grained
CCME TOTAL HYDROCARBONS							
F-1 (C6-C10)			mg/kg		NH	<320	<320
F-1 BTEX			mg/kg		NH		
F-2 (C10-C16)			mg/kg		NH	<1500	<760
F-3 (C16-C34)			mg/kg		NH	<2500	<1700
F-4 (C34-C50)			mg/kg		NH	<6600	<3300
Total Hydrocarbons (C6-C50)			mg/kg		NH		
Any Location			mg/kg	<20,000	<30,000		
Chrome To Baseline at nC50							
BTEX							
Benzene			mg/kg	<55	NH	<310	<180
Toluene			mg/kg	<340	NH	<330	<250
Ethylbenzene			mg/kg	<400	NH	<430	<300
Xylenes			mg/kg	<130	NH	<230	<350
BASIC							
Moisture			%	Passes paint filter test. No free liquid			
				<30	Passes		
Flash Point			C	>61	>61		
pH (Final/Intermediate)			pH	5.0 – 11.5	3.0 – 11.5		
				6.0 - 8.5			
ADDITIONAL INFORMATION:							
Chlorides			mg/kg	<3,000	<5,000		
Lead-any use			mg/kg	<100	TBD		

1. 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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TCLP LEACHABLE METALS					
Metal	Highest Level Recorded		Units	Table 1 WCR Hazardous Waste Limit (1996) ^{1,2,4.}	DRAFT Table 1 WCR Hazardous Waste Limit (2001) ^{1,2,4.}
	Sample Data	Office Use	mg/L	(mg/L)	(mg/L)
Silver (Ag)			mg/L	5	5
Arsenic (As)			mg/L	5	*5
Boron (B)			mg/L	500	500
Barium (Ba)			mg/L	100	100
Beryllium (Be)			mg/L	5	5
Cadmium (Cd)			mg/L	1	0.5
Cobalt (Co)			mg/L	100	5
Chromium (Cr)			mg/L	5	5
Copper (Cu)			mg/L	100	100
Iron (Fe)			mg/L	1000	1000
Mercury (Hg)			mg/L	0.2	0.1
Nickel (Ni)			mg/L	5	5
Lead (Pb)			mg/L	5	5
Antimony (Sb)			mg/L	500	500
Selenium (Se)			mg/L	1	1
Thallium (Tl)			mg/L	5	5
Uranium (U)			mg/L	2	2
Vanadium (V)			mg/L	100	5
Zinc (Zn)			mg/L	500	500
Zirconium (Zr)			mg/L	500	500
BTEX					
Benzene			mg/L	0.5	0.5
Toluene			mg/L	0.5	0.5
Ethylbenzene			mg/L	0.5	0.5
Xylenes			mg/L	0.5	0.5

1. Alberta User Guide for Waste Managers, Table 2: Schedule 1, Section 1(g) Substances, Hazardous Waste Limits Control Regulation.
2. Where no limit is indicated in these tables, resources do not report a limit for that metal.
3. **NC** - denotes no designated substance limits in Alberta User Guide for Waste Managers.
4. **NH** – Non-Hazardous / Alberta User Guide for Waste Managers, Table 2: Schedule 1, Section 1(g) Substances, Hazardous Waste Limits Control Regulation.
5. 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
6. Thallium Limits – 5.0 mg/l (or PPM) – Reference Donna Chaw, AEP; May 3, 2011; Part 4, Table 2, Alberta Waste User Guide
7. PAHs – Benzo(a) Pyrene is not regulated; Reference Donna Chaw, AEP; May 3, 2011; Part 4, Table 2, Alberta Waste User Guide; Naphthalene (0.5mg/l), total cresols (200 mg/l) and phenols (100mg/l) - Reference Donna Chaw, AEP; May 3, 2011; Part 4, Table 2, Alberta Waste User Guide.
8. Arsenic leachable limit is 5 mg/L-Donna Chaw-AENV Aug.3, 2012.



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SPECIAL WASTE PROCEDURE AND APPROVAL

The Leduc & District Regional Waste Management Facility (LDRWMF) 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.** The Commission retains the right to deny the acceptance of any waste that is not in their best interests to accept, as deemed by the Director of Operations or the Commission.

APPLICATION PROCEDURE

Impacted Soils/Special Wastes are accepted on an individual project basis by application only, using the "Special Waste Disposal Application" form. The Applicant must complete a separate application for each material they wish to send to the Facility, accompanied by the obligatory supporting information indicated on the application. A payment guarantee may also be required from the party responsible for disposal and/or processing fees. All applications must be signed and sealed by a qualified Professional Engineer (P.Eng.), Geologist (P.Geol.), Geophysicist (P.Geoph.), Agrologist (P.Ag.), or Biologist (P.Biol.) or by such Authorized Agent in which has complete knowledge of the waste and site.

The Applicant or Waste Generator is solely responsible for fully characterizing and classifying the waste in accordance with provincial regulations and guidelines. Further, the Applicant or Waste Generator agrees to be held responsible for any compliance action and/or costs resulting from incorrect characterization/classification of the waste. The Commission has authority to request that a representative sample of the waste be provided for evaluation at the Applicants cost, if deemed necessary.

Under certain circumstances, it may be acceptable to issue an approval for material that is generated on an ongoing basis, up to a maximum of one calendar year from the date of analytical. Upon expiry, a new application must be submitted, including updated sampling and analytical data. If the material nature or composition changes from the analytical information provided in the original application, the Applicant must notify the Director of Operations immediately, and submit a new application for review and approval.

APPROVALS

Upon receipt, applications will be reviewed by the Director of Operations for completeness and compatibility with the Commissions policies, procedures and programs. The Director of Operations will reject applications that are incomplete or not compatible.

The Commission has established criteria for the acceptance of soils containing hydrocarbons (SCH). The Director of Operations will assess acceptance of soils with contaminants other than petroleum hydrocarbons on an individual basis at their discretion. This can include, but is not limited to, considerations such as sampling procedures used, waste classification, nuisance potential, health risks and the ability of the Facility to assimilate such materials without undue risk of adverse environmental impact.

NON-HAZARDOUS SPECIAL WASTE SHIPMENT MANIFEST

When an approval is issued, a Non-Hazardous Special Waste Shipment Manifest will be provided to the Applicant or Waste Generator upon mandatory 24 – 48 hour notification prior to hauling. The Special Waste Shipment Manifest are specific to the approved material and under no circumstance can they be used for other unapproved materials.

One Special Waste Shipment Manifest is required per truck that is hauling the approved material to the site. The signed shipment document must be presented to the Scale Attendant by each driver with their first load on a



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daily basis. Each driver must pick up the completed shipping manifest with copies of scale tickets at the end of each day.

Failure to provide the Special Waste Shipment Manifest or an improperly completed document will result in rejection of the truck and load, which the Commission is not responsible for.

ACCEPTANCE AT SITE

Approved impacted soils/special wastes are accepted at the Facility, weather permitting, during normal hours of operation and within the dates specified on the approval letter (unless otherwise authorized). Applicants and Waste Generators or their haulers are required to provide the Facility with 24-48 hours' notice prior to commencing the haul, and may only do so when authorized by the Director of Operations. Failure to provide notification in advance may result in rejection of the truck and load, which the Commission is not responsible for.

To ensure compliance, soil shipments are subject to random verification screening upon arrival to confirm the accuracy of the information provided by the Applicant or Waste Generator in their Special Waste Disposal Application. In the event that laboratory testing is necessary for verification purposes, the Applicant or Waste Generator will be responsible for all associated costs. If the verification testing is consistent with the application, treatment/disposal will continue. In the event that discrepancies arise between the application and the verification testing, the soil or special waste may be re-sampled, subject to a surcharge, and/or removed from the site at the Applicant or Waste Generator's cost.

PROCESSING FEE, ACCOUNTS & INVOICING

An application processing fee of \$125.00 + GST is payable upon approval of the Special Waste Disposal Application and prior to shipping manifests being provided.

An account must be opened and approved by the Commission before materials will be accepted. Invoices for the acceptance of the impacted soils or special waste will be issued by the Commission to the Applicant, Waste Generator or appointed designate on a monthly basis, unless otherwise stated. Tickets generated at the time of the haul are the only record Applicants will receive; no additional backup will be provided with invoices. It is the Applicants responsibility to reconcile tickets with their monthly summary. The Applicant understands that no additional records will be provided by the Commission.

All accounts are based on net 30-days, and all invoiced amounts must be paid in accordance with the invoice on or before the 30 days following the date of the invoice. Any projects that fail to meet these requirements will be terminated without notice and will be subject to the Commission's schedule of fees.

CONFIDENTIALITY

The Commission is considered to be a "public body", as well as Environmental 360 Solutions Inc. in their capacity as a contractor of the Commission. The information submitted as part of the Special Waste Disposal Application and Program, is therefore subject to the Freedom of Information and Privacy (FOIP) Act and accompanying regulations, regardless of whether the application is approved or denied. It is the responsibility of the Commission to ensure that the information provided is managed in accordance with FOIP, and that the confidentiality of the Applicant and Waste Generator is maintained and managed in accordance with the FOIP regulations.

Questions regarding the Special Waste Disposal Application or Procedures can be directed to the Director of Operations at info@LDRWMC.ca.