

Big Valley Landfill

Facility Overview

SITE TYPE & SERVICE

Class II Industrial
Solid Waste Landfill
Bulk Storage

PERMIT INFORMATION

EPEA Approval Number:
46773-02-00

ACCEPTABLE WASTES

Non-Dow EUB Waste
Non-Haz AEP Waste

ACCEPTABLE WASTE STREAMS

Asbestos
Catalyst
Contaminated Soils
Demolition/Construction Debris
Flare Pits
Non-Hazardous Industrial Waste
Process Solids
Solidified Sludges
Tank Bottoms

UNACCEPTABLE WASTE STREAMS

Any Liquids
Explosives
Municipal Solid Waste
Radioactive Hazardous Material

SECURITY

Single Access Point
Perimeter Fencing
Closed Circuit Television

LINER SYSTEM

Leachate Collection & Removal System
Synthetic & Compacted Clay Liner



INDUSTRIAL WASTE ACCEPTANCE CRITERIA

1. Waste must be non-hazardous defined by Alberta User Guide for Waste Managers
2. Flashpoint, must be > 61°C
3. pH, must be > 2 to < 12.5
4. Paint filter test, must pass as solid material
5. T.C.L.P. metals must not exceed Table 2 values below
6. T.L.C.P., B.T.E.X. must not exceed Table 2 values below
7. Contaminant concentration must not exceed Alberta's hazardous waste criteria
8. Total Elemental sulphur & Total Sulfate may be required depending on origination of material

TABLE 2: METALS

Contaminant	mg/L
Antimony	500.0
Arsenic	5.0
Barium	100.0
Beryllium	5.0
Boron	500.0
Cadmium	1.0
Chromium	5.0
Cobalt	100.0
Copper	100.0
Iron	1000.0
Lead	5.0
Mercury	0.2
Nickel	5.0
Selenium	1.0
Silver	5.0
Thallium	5.0
Uranium	2.0
Vanadium	100.0
Zinc	500.0
Zirconium	500.0

VOLATILE ORGANICS (partial)

Contaminant	mg/L
Benzene	0.5
Toluene	0.5
Ethylbenzene	0.5
Xylene	0.5



CONTACT

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MAILING ADDRESS

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PHYSICAL ADDRESS

8 km West of Big Valley on Hwy
590 LSD: S ½ - 25-35-21 -W4

