



**Volume Report**  
**Producer BA: All**  
**From: 01/01/2019 To: 12/31/2019**

Facility Group	Substance	Volume
NORTHERN ROCKIES LAND	06 CONSTRUCTION AND DEMOLITION MATERIAL	1,182.70
	09 CONTAMINATED SOIL (MERCURY / METALS)	87.10
	12 CONTAMINATED SOIL (REFINED FUELS / OILS)	3,394.90
	19 HYDROCARBON CONTAMINATED MATERIAL	27,517.30
	24 MISC WASTES INDUSTRIAL	334.70
	26 DRILLING WASTE HYDROCARBONS	75.80
NORTHERN ROCKIES LAND		
	Sum:	32,592.50
	Grand Total:	32,592.50

## 2.0 Reporting Requirements

This report has been completed in accordance with the requirements of Sections 9.3, Subsections (a) to (j), of The Environmental Management Act Permit No.: PR-17150.

### 9.3(a) The category and tonnage of waste received, recycled and discharged for the preceding calendar year

A summary of the waste streams / materials received at the Tervita Silverberry Secure Landfill from January 1, 2019 to December 31, 2019 are in Table 1.

**Table 1 – Waste Substance Summary.**

Substance	Tonnage
Catalyst Non-Sulphur	80.80
Catalyst Sulphur	560.70
Construction & Demolition Material	1,289.00
Contaminated Soil (Chemical/Solvent)	15.60
Contaminated Soil (Crude Oil/Condensate)	7,820.20
Contaminated Soil (Mercury/Metals)	516.80
Contaminated Soil (Produced/Salt Water)	7,286.50
Contaminated Soil (Refined Fuels/Oils)	4,305.30
Contaminated Soil (Sulphur)	232.00
Frac Sand (Non-Radioactive)	1,075.20
Flare Pit Material	8,542.60
Hydrocarbon Contaminated Material	98,069.90
Contaminated Process Material	52,091.90
Sulphur	986.40
Misc. Wastes Industrial	4,185.60
Drilling Waste Hydrocarbons	89,401.60
Drilling Waste Gel Chemical	36,356.10
NORM	8,626.50
Cement Returns	405.60
Drilling Waste Advanced Gel Chem	50,390.90
Liner Disposal	210.50
Refrac Brick	223.50
Non-Friable Asbestos	84.70
<b>Total Tonnage</b>	<b>372,757.90</b>