

E&P Waste		Volume (kg/yr)	Max Bz (mg/kg)	Bz Emissions (kg/yr)
Code	Description			
05	Production Pit Sludges	3,028,478	77	233
06	Production Storage Tank Sludge	1,161,849	157,500	182,991
07	Produced Oily Sands & Solids	1,355,448	26,250	35,581
12	Gas Plant Waste	107,886	17,822	1,923

E&P Waste		Volume (kg/yr)	90% Bz (mg/kg)	Bz Emissions (kg/yr)	Distance	
Code	Description				(Feet)	Miles
05	Production Pit Sludges	3,028,478	31	92	374	0.0707
06	Production Storage Tank Sludge	1,161,849	846	983	1965	0.3721
07	Produced Oily Sands & Solids	1,355,448	34	46	194	0.0366
12	Gas Plant Waste	107,886	10,851	1,171	2195	0.4156

E&P Waste		Volume (kg/yr)	Median Bz (mg/kg)	Bz Emissions (kg/yr)
Code	Description			
05	Production Pit Sludges	3,028,478	0.5	1.6
06	Production Storage Tank Sludge	1,161,849	5.0	5.9
07	Produced Oily Sands & Solids	1,355,448	2.4	3.3
12	Gas Plant Waste	107,886	250.8	27.1

E&P Waste		Volume (kg/yr)	TCLP Multiplier	TCLP Bz mg/L	Total Bz (mg/kg)	z Emissions (kg/yr)
Code	Description					
05	Production Pit Sludges	3,028,478	10.5	1,800	18,900	57,238
06	Production Storage Tank Sludge	1,161,849	10.5	1,800	18,900	21,959
07	Produced Oily Sands & Solids	1,355,448	10.5	1,800	18,900	25,618
12	Gas Plant Waste	107,886	6.7	1,800	12,060	1,301

Table G-1

TCLP Multiplier Based on Solids:Liquids Content of E&P Waste

Waste Code	Waste Type	Solids %	Liquids %	TCLP Multiplier
01	Salt Water (Produced Brine)	1%	99%	1.19
02	Oil-Based Drilling Mud & Cuttings	10%	90%	2.90
03	Water-Based Drilling Mud & Cuttings	10%	90%	2.90
04	Drilling, Workover & Completion Fluids	5%	95%	1.95
05	Production Pit Sludges	50%	50%	10.50
06	Production Storage Tank Sludge	50%	50%	10.50
07	Produced Oily Sands & Solids	50%	50%	10.50
08	Produced Formation Fresh Water	3%	97%	1.57
09	Rainwater	1%	99%	1.19
10	Washout Water	5%	95%	1.95
11	Washout Pit Water	5%	95%	1.95
12	Gas Plant Waste	30%	70%	6.70
13	Basic Sediment and Water (BS&W)	10%	90%	2.90
14	Pipeline Test Water	3%	97%	1.57
15	Commercial Facility Waste	50%	50%	10.50
16	Oil Spill Waste	50%	50%	10.50