

## Criteria for Onsite Disposal of Exploration & Production (E&P) Waste

LAC 43:XIX.313

<b>Parameter</b>	<b>Land Treatment</b>	<b>Burial/Trenching</b>	<b>Solidification</b>
pH	6-9	6-9	6-12
Oil & Grease	1%	3%	10 mg/l
<b>Total Metals Content (ppm)</b>			
Arsenic (As)	10	10	0.5 mg/l
Barium (Ba)	40,000	40,000*, 20,000**, 20,000***	10 mg/l
Cadmium (Cd)	10	10	0.1 mg/l
Chromium (Cr)	500	500	0.5 mg/l
Lead (Pb)	500	500	0.5 mg/l
Mercury (Hg)	10	10	0.02 mg/l
Selenium (Se)	10	10	0.1 mg/l
Silver (Ag)	200	200	0.5 mg/l
Zinc (Zn)	500	500	5.0 mg/l
<b>Soluble Salts &amp; Cationic Distributions</b>			
EC (mmohs/cm)	4*, 8**	12	
SAR	12*, 14**		
ESP	15*, 25**		
Chlorides			500 mg/l
<b>Physical Properties</b>			
Moisture Content		<50% by weight	
Compressive Strength			>20 psi
Permeability			<1x10 <sup>-6</sup> cm/s
Wet/Dry Durability			>10 cycles to failure

\*Upland

\*\* Elevated Freshwater Wetland

\*\*\*Submerged Wetland