

**Railroad Commission of Texas (RRC)**

**Table 1**

**Standard Soil Sampling Closure Parameters for Stationary Solid Waste Recycling Facilities, Waste Separation Facilities, Reclamation Facilities, and Pit Permits:**

<b><u>PARAMETER</u></b>	<b><u>LIMITATION</u></b>
pH <i>EPA Method 9045C or equivalent</i>	6 to 10 standard units
Electrical Conductivity (EC) <sup>1</sup>	≤ 4.0 mmhos/cm
Total Petroleum Hydrocarbons (TPH) <i>EPA Method 5035A/TX1005</i>	≤ 10,000 mg/kg or 1 % by weight
Total Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) <i>EPA Method 5035A/8021/8260B or equivalent</i>	≤ 30 mg/kg
Metals (Total) <i>EPA Method 6010/6020/7471A or equivalent</i>	
Arsenic	≤ 10 mg/kg
Barium	≤ 10,000 mg/kg
Cadmium	≤ 10 mg/kg
Chromium	≤ 100 mg/kg
Lead	≤ 200 mg/kg
Mercury	≤ 10 mg/kg
Selenium	≤ 10 mg/kg
Silver	≤ 200 mg/kg

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<sup>1</sup> Louisiana Department of Natural Resources (LDNR) Lab Procedures for Extraction and Analysis of E&P Waste or equivalent

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**Table 2**

**Standard Soil Sampling Closure Parameters for Landfarm, Landtreatment,  
and Land Application permits:**

<b>PARAMETER</b>	<b>LIMITATION</b>
pH <i>EPA Method 9045C or equivalent</i>	6 to 10 standard units
Electrical Conductivity (EC) <sup>1</sup>	≤ 4.0 mmhos/cm
Sodium Adsorption Ratio (SAR) <i>Saturated Paste Method using EPA Method 300, 6010, 6020 or equivalent</i>	≤ 12
TPH <i>EPA Method 5035A/TX1005</i>	≤ 10,000 mg/kg or 1 % by weight
Total Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) <sup>2</sup> <i>EPA Method 5035A/8021/8260B or equivalent</i>	≤ 30 mg/kg
Metals (Total) <i>EPA Method 6010/6020/7471A or equivalent</i>	
Arsenic	≤ 10 mg/kg
Barium	≤ 10,000 mg/kg
Cadmium	≤ 10 mg/kg
Chromium	≤ 100 mg/kg
Lead	≤ 200 mg/kg
Mercury	≤ 10 mg/kg
Selenium	≤ 10 mg/kg
Silver	≤ 200 mg/kg

<sup>1</sup> LDNR Lab Procedures for Extraction and Analysis of E&P Waste or equivalent

<sup>2</sup> BTEX testing is only required for landtreatment facilities.