

Figure: 16 TAC §4.163(d)(4)

<b>Landfarming, Landtreating, and Land Application Permits: Standard Soil Sampling Closure Parameters</b>		
Parameter	Method (or equivalent)	Limitation
pH	EPA Method 9045C	6 to 10 standard units
Electrical Conductivity (EC)	LDNR Lab Procedures for Extraction and Analysis of E&P Waste	≤ 4.0 mmhos/cm
Sodium Adsorption Ratio (SAR)	Saturated Paste Method using EPA Method 300, 6010, or 6020	≤ 12
Cation-Exchange Capacity (CEC)	EPA Method 9080/9081	Site-specific based on background analytical data
TPH	EPA Method 5035A/TX1005	≤ 10,000 mg/kg or 1% by weight
Total Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) <sup>1</sup>	EPA Method 5035A/8021/8260B	≤ 30 mg/kg
<b>Metals (Total)</b>		
Arsenic	EPA Method 6010/6020/7471A	≤ 10 mg/kg
Barium	EPA Method 6010/6020/7471A	≤ 10,000 mg/kg
Cadmium	EPA Method 6010/6020/7471A	≤ 10 mg/kg
Chromium	EPA Method 6010/6020/7471A	≤ 100 mg/kg
Lead	EPA Method 6010/6020/7471A	≤ 200 mg/kg
Mercury	EPA Method 6010/6020/7471A	≤ 10 mg/kg
Selenium	EPA Method 6010/6020/7471A	≤ 10 mg/kg
Silver	EPA Method 6010/6020/7471A	≤ 200 mg/kg

<sup>1</sup> BTEX testing is only required for landtreating facilities.