

- ii. The concentration limits for each man-made organic constituent, which is not proven to have originated from a source other than the Facility is laboratory detection limit for that constituent.

**Table No.1**

<u>Parameters</u>	<u>Units</u>	<u>Sampling Frequency</u>
Monitoring Parameters		
Total Dissolved Solids	mg/L	Quarterly
Chloride	mg/L	Quarterly
Nitrate as Nitrogen	mg/L	Quarterly
Sulfate	mg/L	Quarterly
Volatile Organic Compounds (Appendix I of 40 CFR, Part 258)	µg/L	Quarterly
Appendix II of 40 CFR, Part 258	µg/L	5-year

The monitoring parameters listed in Table 1 above shall be measured and reported in graphic and tabular form.

2. Unsaturated Zone

a. Monitoring Points

The Discharger has an approved Sampling and Analysis Plan (SAP) for unsaturated zone monitoring at the landfarm within the Facility. The unsaturated zone monitoring SAP includes sampling at six and twelve inches below the ground surface (bgs). Four monitoring points should be sampled in the area of soil treatment and should vary with each sampling period.

b. Constituents of Concern

Constituents of concern as approved of in March of 1995 are petroleum hydrocarbons per EPA Method 8020 and EPA Method 8015 modified for gasoline and diesel. Because of the addition of oxygenates to gasoline (1995) EPA Method 8260(b) shall be performed rather than Method 8020. Besides MtBE, other known fuel oxygenates such as tertiary butyl alcohol (TBA), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (EtBE), and tertiary amyl methyl ether (TAME) shall be reported if they are detected. Soil samples should be collected semi-annually and analyzed in a California certified laboratory.