## Table 2.1
## 1996 Initial Pilot Test Analytical Results for Soil Samples
## SWMU B-3
## Camp Stanley Storage Activity, Texas

| Constituents / Sample ID / Depth (feet) / Date Collected | VEW-01 (9-11) 2/20/96 | VEW-01 (13-14) 2/20/96 | VEW-02 (14-15) 2/22/96 | VEW-03 (15-17) 2/23/96 | VEW-06 (6-8) 2/20/96 | MPA (4-5) 2/22/96 | MPA (9.5-11) 2/22/96 |
|---|---|---|---|---|---|---|---|
| **Soil or Rock Type:** | **Fill** | **Fill** | **Fill** | **Fill** | **Fill** | **Fill** | **Fill** |
| **Volatile Organic Compounds SW8260A (mg/kg)** | | | | | | | |
| Chlorobenzene | 2,000 U | **2,000** | 2,000 U | 20 U | 20 U | 200 U | 4.0 U |
| *cis*-1,2-Dichloroethene | **27,800** | **5,000** | **9,200** | 20 U | **7.44** | 200 U | 4.0 U |
| Tetrachloroethene | 2,500 U | 25,000 U | 2,500 U | 25 U | **167** | 250 U | 5.0 U |
| Toluene | 1,500 U | **12,300** | 1,500 U | 15 U | 15 U | 150 U | 3.0 U |
| Trichloroethene | 1,000 U | **222,000** | 68,500 | 10 U | **2,143** | **370** | **16** |
| **Total Metals (mg/kg)** | | | | | | | |
| Arsenic, SW7060A | **1.4** | NA | **1.4** | 1.8 | 15 | NA | NA |
| Barium, SW6010A | **37** | NA | **13** | 18 | 160 | NA | NA |
| Cadmium, SW7131 | **1.2** | NA | **0.3** | 0.1 U | 12 | NA | NA |
| Chromium, SW6010A | **8** | NA | **4.5** | 5.8 | 120 | NA | NA |
| Copper, SW6010 | **45** | NA | **6.6** | 8.0 | 580 | NA | NA |
| Lead, SW7421 | **1,600** | NA | **8.0** | 5.7 | 8,700 | NA | NA |
| Mercury, SW7471A | 0.1 U | NA | 0.1 U | 0.1 U | **0.21** | NA | NA |
| Nickel, SW6010A | **6.5** | NA | **5.8** | 8.9 | 100 | NA | NA |
| Zinc, SW6010A | **63** | NA | **110** | 6.9 | 850 | NA | NA |

NA Not analyzed
U AFCEE QAPP definition
mg/kg Milligrams per kilogram
GWP Groundwater protection standard
* Values from 30 TAC 335 Subchapter S, Appendix II
Tarrant Tarrant Association, gently undulating soil
Glen Rose Glen Rose limestone
Fill Fill material (soils, debris, wood, metal fragments) in landfill trenches
[1]Background values from Revised Background Report, 2001

## Table 2.1
## Analytical Results For Soil Samples (*Continued*)

| Constituents / Sample ID / Depth (feet) / Date Collected | MPA (14-15 ) 2/22/96 | MPB (8-9 ) 2/22/96 | MPC (4-6 ) 2/23/96 | MPD (4-6 ) 2/22/96 | MPD (8-10 ) 2/22/96 | MPD (14-15) 2/22/96 | MPE (13-14) 2/20/96 | MPF (14-15) 2/22/96 |
|---|---|---|---|---|---|---|---|---|
| **Soil or Rock Type:** | **Fill** | **Fill** | **Fill** | **Fill** | **Fill** | **Fill** | **Glen Rose** | **Glen Rose** |
| **Volatile Organic Compounds SW8260A (mg/kg)** | | | | | | | | |
| Chlorobenzene | 2,000 U | 200 U | 20 U | 200 U | 200 U | 2,000 | 200 U | 220 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | U | | |
| *cis*-1,2-Dichloroethene | 2,900 | 200 U | 20 U | 200 U | 200 U | 20,500 | 360 | 200 U |
| Tetrachloroethene | 2,500 U | 250 U | 25 U | 250 U | 250 U | 2,500 U | 650 | 250 U |
| Toluene | 1,500 U | 150 U | 15 U | 150 U | 150 U | 1,500 U | 150 U | 150 U |
| Trichloroethene | 16,800 | 220 | 155 | 1,200 | 2,500 | 16,900 | 4,200 | 100 U |
| **Total Metals (mg/kg)** | | | | | | | | |
| Arsenic, SW7060A | 1.7 | 0.8 | 1.8 | NA | 6.7 | NA | NA | 1.5 |
| Barium, SW6010A | 16 | 30 | 39 | NA | 93 | NA | NA | 43 |
| Cadmium, SW7131 | 0.2 | 0.2 | 0.7 | NA | 11 | NA | NA | 0.9 |
| Chromium, SW6010A | 6.4 | 6.7 | 9.3 | NA | 30 | NA | NA | 12.0 |
| Copper, SW6010 | 6.7 | 7.3 | 12 | NA | 160 | NA | NA | 31 |
| Lead, SW7421 | 7.2 | 21 | 31 | NA | 980 | NA | NA | 120 |
| Mercury, SW7471A | 0.1 U | 0.1 U | 0.1 U | NA | 0.1 U | NA | NA | 0.1 |
| Nickel, SW6010A | 10 | 5.2 | 8.2 | NA | 29 | NA | NA | 6.8 |
| Zinc, SW6010A | 8.2 | 18 | 21 | NA | 4,200 | NA | NA | 140 |

NA Not analyzed
U AFCEE QAPP definition
mg/kg Milligrams per kilogram
GWP Groundwater protection standard
* Values from 30 TAC 335 Subchapter S, Appendix II
Tarrant Tarrant Association, gently undulating soil
Glen Rose Glen Rose limestone
Fill Fill material (soils, debris, wood, metal fragments) in landfill trenches
1Background values from Revised Background Report, 2001

## TABLE 2.1
## ANALYTICAL RESULTS FOR SOIL SAMPLES (*CONTINUED*)

| | | | Tarrant (fill) | | Glen Rose | |
|---|---|---|---|---|---|---|
| **Constituents** | **RRS 2 level/GWP Residential*** | **Background level range In CSSA soils** | **Statistically Calculated Background[1]** | **PQL** | **Statistically Calculated Background[1]** | **PQL** |
| **VOCs SW8260A (mg/kg)** | | | | | | |
| Chlorobenzene | 10,000 | -- | -- | -- | -- | -- |
| *cis*-1,2-Dichloroethene | 7,000 | -- | -- | -- | -- | -- |
| Tetrachloroethene | 500 | -- | -- | -- | -- | -- |
| Toluene | 100,000 | -- | -- | -- | -- | -- |
| 1Trichloroethene | 500 | -- | -- | -- | -- | -- |
| **Total Metals (mg/kg)** | | | | | | |
| Arsenic, SW7060A | 5.0 | 0.76-26.0 | 26.6 | 0.5 | 3.86 | 0.5 |
| Barium, SW6010A | 200 | 2.33-269.7 | 363 | 2.0 | 10.4 | 2.0 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Cadmium, SW7131 | 0.5 | 0.06-3.0 | 0.80 | 0.1-4.0 | 0.06 | 4.0 |
| Chromium, SW6010A | 10.0 | 10.0-34.7 | 83.9 | 7.0 | 10.0 | 7.0 |
| Copper, SW6010 | Not listed | 1.1-19.43 | 37.6 | 6.0 | 10.9 | 6.0 |
| Lead, SW7421 | 1.5 | 1.43-212.6 | 105 | 0.5 | 5.17 | 0.5 |
| Mercury, SW7471A | 0.2 | 0.05-0.77 | 2.90 | 0.1 | 0.05 | 0.1 |
| Nickel, SW6010A | 10.0 | 1.98-32.0 | 62.4 | NA-15 | 7.34 | NA |
| Zinc, SW6010A | Not listed | 1.41-98.6 | 132 | 2.0 | 12.0 | 2.0 |

NA Not analyzed
U AFCEE QAPP definition
mg/kg Milligrams per kilogram
GWP Groundwater protection standard
*Values from 30 TAC 335 Subchapter S, Appendix II
Tarrant Tarrant Association, gently undulating soil
Glen Rose Glen Rose limestone
Fill Fill material (soils, debris, wood, metal fragments) in landfill trenches
[1]Background values from Revised Background Report, 2001