**Table AOC61-1**
**Summary of Chemical Constituents Detected in Soil, January and February 2000**
**Area of Concern 61**

| | | | | | Sample ID | AOC61-SS01 | | | | AOC61-SS01 | | | | AOC61-SS02 | | | | AOC61-SS02 | | | | AOC61-SS03 | | | | AOC61-SS03 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Sample Date | 01/14/00 | | | | 02/11/00 | | | | 01/14/00 | | | | 02/11/00 | | | | 01/14/00 | | | | 02/11/00 | | | |
| | | | | | Sample Type | N1 | | | | N1 | | | | N1 | | | | N1 | | | | N1 | | | | N1 | | | |
| | | | | | Soil Type | Soils (BrE) | | | | Soils (BrE) | | | | Soils (BrE) | | | | Soils (BrE) | | | | Soils (BrE) | | | | Soils (BrE) | | | |
| | | | | | Beginning Depth | 0. | | | | 0. | | | | 0. | | | | 0. | | | | 0. | | | | 0. | | | |
| | | | | | Ending Depth | 0.5 | | | | 0.5 | | | | 0.5 | | | | 0.5 | | | | 0.5 | | | | 0.5 | | | |
| | | | | | Lab ID | AP87746 | | | | AP88782 | | | | AP87747 | | | | AP88783 | | | | AP87748 | | | | AP88784 | | | |
| | Soil Comparison Criteria | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Lab MDL | Lab RL | Background[a] Soils | RRS2-GWP (Ind.) | RRS2-SAI (Ind.) | Results | Flags | Dilution | SQL | Results | Flags | Dilution | SQL | Results | Flags | Dilution | SQL | Results | Flags | Dilution | SQL | Results | Flags | Dilution | SQL | Results | Flags | Dilution | SQL |
| **SW6010B (mg/kg)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Barium | 0.08 | 1.0 | 186.0 | 200 | 59000 | 44.42 | J | 1 | 1.0 | | | | | 20.01 | J | 1 | 1.0 | | | | | 18.91 | J | 1 | 1.0 | | | | |
| Chromium | 0.1 | 20. | 40.2 | 10 | 350000 | 12.1 | F | 1 | 20 | | | | | 7.1 | F | 1 | 20 | | | | | 7.2 | F | 1 | 20 | | | | |
| Copper | 0.19 | 2.0 | 23.2 | 130 | 74000 | 11.64 | J | 1 | 2.0 | | | | | 6.43 | J | 1 | 2.0 | | | | | 5.72 | J | 1 | 2.0 | | | | |
| Nickel | 0.12 | 2.0 | 35.5 | 200 | 12000 | 8.66 | M | 1 | 2.0 | | | | | 5.29 | M | 1 | 2.0 | | | | | 5.02 | M | 1 | 2.0 | | | | |
| Zinc | 0.63 | 5.0 | 73.2 | 3100 | 41000 | 23.01 | M | 1 | 5.0 | | | | | 14.79 | M | 1 | 5.0 | | | | | 11.23 | M | 1 | 5.0 | | | | |
| **SW7060A (mg/kg)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arsenic | 0.04 | 0.5 | 19.6 | 5.0 | 200.00 | 2.54 | M | 1 | 0.5 | | | | | 1.59 | M | 1 | 0.5 | | | | | 2.17 | M | 1 | 0.5 | | | | |
| **SW7131A (mg/kg)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cadmium | 0.01 | 0.1 | 3.0 | 0.50 | 410 | 0.21 | J | 1 | 0.1 | | | | | 0.24 | J | 1 | 0.1 | | | | | 0.13 | J | 1 | 0.1 | | | | |
| **SW7421 (mg/kg)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lead | 0.13 | 0.5 | 84.5 | 1.5 | 1000 | 18.32 | M | 2 | 1.0 | | | | | 17.34 | M | 2 | 1.0 | | | | | 15.87 | M | 2 | 1.0 | | | | |
| **SW7471A (mg/kg)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mercury | 0.01 | 0.1 | 0.77 | 0.2 | 10 | 0.04 | M | 1 | 0.1 | | | | | 0.01 | M | 1 | 0.1 | | | | | 0.03 | M | 1 | 0.1 | | | | |
| **SW8260B (mg/kg)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chloroform | 0.0003 | 0.002 | -- | 10 | 0.51 | | | | | 0.0008 | F | 1 | 0.002 | | | | | 0.0004 | F | 1 | 0.002 | | | | | 0.0006 | F | 1 | 0.002 |
| Toluene | 0.0003 | 0.005 | -- | 100 | 24000.00 | | | | | 0.0003 | M | 1 | 0.005 | | | | | 0.0003 | M | 1 | 0.005 | | | | | 0.0003 | M | 1 | 0.005 |
| **SW8270C (mg/kg)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bis(2-ethylhexyl)phthalate | 0.03 | 0.7 | -- | 0.6 | 65 | 0.07 | F | 1 | 0.7 | | | | | 0.15 | F | 1 | 0.7 | | | | | 0.05 | F | 1 | 0.7 | | | | |

Tables present all laboratory results for analytes detected above the method detection limit.
Results from all laboratory analysis are presented in Appendix A
All samples were analyzed by APPL Inc.
Referenced laboratory package numbers: APPL Inc.: 31789, 31982
All MS/MSD results are presented in the Data Verification Report, Appendix B.

**Abbreviations/Notes:**
Highlighted sample concentrations exceed RRS1 (background) standards

a Background values from Revised Background Report, 2002
BrE Brackett Soils
-- No risk reduction sandard or background level available
DL Dilution
FD1 Field Duplicate
GWP-Ind Soil MSC based on groundwater protection
MDL Method Detection Limit
N1 Environmental Sample
NA Not Available
RL Reporting Limit
SAI-Ind Soil MSC for industrial use based on inhalation, ingestion, and dermal contact
SQL Sample Quantitation Limit

**Data Qualifiers:**
F- The analyte was positively identified but the associated numerical value is below the RL.
J - The analyte was positively identified, the quantitation is an estimation.
M - A matrix effect was present.