OHM Remediation Services Corp.
A Subsidiary of OHM Corporation

# *FINAL*
# *SUPPLEMENTAL DELINEATION INVESTIGATION REPORT*
# *SPILL SITE 017 (SS-017)*

## *PLATTSBURGH AIR FORCE BASE*
## *PLATTSBURGH, NEW YORK*

CONTRACT NO. F41624-94-D-8106
DELIVERY ORDER 0003
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Submitted to:

**Air Force Center for Environmental Excellence**
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Submitted by:

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aircraft fuel, lubrication oils, hydraulic fluid, and degreasing solvents were used, stored, or disposed of in this area.

SS-017 originally consisted of the grassy area southeast of B-2774 where a concrete slab was used as a drum storage and waste accumulation area. The slab was approximately 15 feet by 15 feet square and was reportedly used to store carbon remover solvent, PD-680 cleaning solvent, engine oil, and hydraulic fluid. Maintenance activities were reportedly conducted in the lot area.

## 2.3 PREVIOUS INVESTIGATIONS

This section summarizes all available analytical data regarding the vadose zone soil at SS-017. All investigative and remedial work conducted prior to this SDI was performed by others. Analytical results from these previous investigations are discussed in detail in the SS-017 Action Memorandum (Parsons ES and OHM, 1996b). Complete reports documenting these previous investigations are available in the Information Repository located at PAFB.

The NYSDEC collected two grab samples near the drum storage and waste accumulation area on 16 April 1985. Elevated levels of volatile organic compounds (VOCs) were reported. The total dichlorobenzenes (DCBs) concentration ranged from below minimum detection levels (MDLs) to 9,800,00 parts-per-billion (ppb). Other compounds detected at elevated levels included xylenes, ethylbenzene, toluene, chrysene, acenaphthylene, and 2,4-dimethylphenol. In response to these data, PAFB conducted two additional soil sampling events. The first was on 21 October 1985, and the second was on 18 November 1986. Eight locations were sampled at depths ranging from 0.3 to 2 feet bgs during the first PAFB sampling event. A total of 12 soil samples were collected. Total oils/greases ranged from 157 to 59,800 ppb, while total DCBs ranged from non-detect (ND) to 23,600,000 ppb. The second PAFB sampling event was conducted to assess the extent of soil contamination. During this event, 27 locations were sampled at depths ranging from ground surface to 3 feet bgs. A total of 50 soil samples were collected. Total DCBs ranged from ND to 1,360,000 ppb. Other VOCs detected at elevated levels included toluene, ethylbenzene, and xylenes.

A soil gas survey was performed in October 1987. Twenty-six locations were sampled at depths ranging from 3.5 to 5 feet bgs. Soil gas samples were analyzed for the halocarbons trichloroethane (TCA), trichloroethene (TCE), and tetrachloroethene (PCE), and for the hydrocarbons benzene, toluene, and xylene. Halocarbon concentrations ranged up to 1007 nannograms per liter (ng/l) for TCA, 17,416 ng/l for TCE, and 95 ng/l for PCE. Twenty-five samples were analyzed for hydrocarbons. Twenty-four out of 25 samples analyzed had total hydrocarbon concentrations of 8 micrograms per liter (ug/l) or less. Sample SP13-3 showed a total hydrocarbon concentration of 877 ug/l.

Four soil boring locations were established around the concrete slab using the soil gas survey results. These locations were sampled in November 1987 to depths ranging from 1 foot to 6 feet bgs. Samples were analyzed for some or all of the following parameters: VOCs, semivolatile organic compounds (SVOCs), Target Analyte List (TAL) inorganics, and petroleum hydrocarbons (PHCs). Elevated levels of TCE (6600 micrograms per kilogram (ug/kg)), total xylenes (72,000 ug/kg), 1,2-dichlorobenzene (1,2-DCB) (41,000 ug/kg), PHCs (10,000 milligrams per kilogram (mg/kg)), and lead (163 mg/kg) were noted along with low levels of other VOCs and the SVOC bis(2-ethylhexyl)phthalate.

## 2.4 PREVIOUS REMEDIAL ACTIONS

PAFB conducted a Removal Action at SS-017 in the Fall of 1992. At that time the 15- by 15-foot concrete slab was removed for off-site disposal. Soil around the former slab location was then excavated

location I6. DCBs were detected at 12 locations and ranged from not quantifiable due to low concentration at sample point B5, to a maximum of 459,300 ug/l at location J6.

TCE, PCE, and BTEX compounds were detected in the central and western portions of the lot (Figure 4-4). DCB detections were generally restricted to the interim removal area and the adjacent portions of the lot to the south and southwest. TCE and PCE were present north and northeast of B-2753. TCE was also detected east, south, and north of B-2753, and north of B-2774.

## 4.2 SUBSURFACE SOIL SAMPLING RESULTS

On-site analyses for targeted VOCs were performed on 4 samples using EPA Method 8021. Off-site analyses for TCL VOCs (92 samples) and for TCL SVOCs (89 samples) were performed using EPA Methods 8021 and 8270, respectively. Analytical results were compared with the allowable soil concentrations presented in Technical and Administrative Guidance Memorandum (TAGM) HWR-94-4046, Table 1- Recommended soil cleanup objectives (RCOs) for VOCs, and Table 2- RCOs for SVOCs (NYSDEC, 1994).

### 4.2.1 Site Lithology and Hydrogeology

The lithology across the site was uniform. Soil below the asphalt and base layer consisted of a brown to light brown, moderately well sorted, subangular to subrounded, fine-to-medium grained sand with minor silt. Some fine gravel was also occasionally noted. Coarse gravel fill was encountered to a depth of 4 feet bgs at sampling locations SS-58, -76B, -77B, and -78B in the interim removal area (Figure 3-1). Soil beneath the fill was the same as encountered throughout the rest of the site. The top of ground water was noted at between 4.0 to 4.5 feet bgs.

### 4.2.2 Field Screening Results

Each core was screened with a PID for total volatile organic vapors. All sampling intervals and PID screening results are presented in Table 3-2. Volatile organic vapor concentrations ranged from ND to a maximum of 1315 ppm at 3.5 to 4 feet bgs at sample location SS-07 in the west-central area of the lot (Figure 3-1).

### 4.2.3 Laboratory Analytical Results

A summary of all detected compounds, frequency of detection, and maximum and minimum concentrations is presented in Table 4-3. All positive detections reported for all field samples are contained in Appendix A. The data validation report is contained in Appendix B.

#### 4.2.3.1 Volatile Organic Compounds

VOCs were detected in 77 out of 96 subsurface soil samples analyzed. However, at 16 of the 77 sampling locations, the positive VOC detection was for methylene chloride only. These totals include both on-site (VOC) and off-site (TCL VOC) analyses.

Methylene chloride, detected in a total of 68 out of 92 (68/92) field samples, 3 equipment rinsates, and 4 trip blanks was the most frequently detected VOC. Sixty-six of the 68 positive detections were below 83 ug/kg and are considered laboratory artifacts. The detections at sample locations SS-07 (6710 ug/kg) and SS-32 (2540 ug/kg) appear to be site-related. The chlorinated solvent TCE (48/96), detected at concentrations ranging from a minimum of 0.351 ug/kg to a maximum of 6730 ug/kg at location SS-32, was the second most frequently detected VOC compound. Other chlorinated solvents detected included PCE (10/92), 1,2-DCB (8/96), 1,3-DCB (3/96), 1,4-DCB (7/96), 1,3,5-trimethylbenzene (6/92), 1,2,4-trimethylbenzene (5/92),

During the soil gas survey, 116 samples were collected for on-site analysis of TCE, PCE, DCBs, and the BTEX compounds. Analytical results showed total VOC levels ranging from non-detect to 2,945,700 ug/l at location J6. TCE, detected in 71 out of 116 samples, was the most commonly detected compound followed by PCE with 34 detections. BTEX compounds were detected at 15 locations while DCBs were detected at 12 locations. The highest total VOC concentrations were observed in the west-central area of the lot around sample points J6 and I6 (Figure 4-4). This area also contains the highest concentrations of BTEX compounds, chlorinated solvents, total VOCs, and SVOCs in subsurface soil (Figure 4-5: sample points SS-32, SS-07, and J6).

Each of the 116 soil gas sampling points, along with an additional 43 field screening points, was screened in the field for $CH_4$, $CO_2$, $O_2$, and total VOCs. Soil gas samples with high concentrations of VOCs reported during the on-site GC analyses also had low $O_2$ and high $CO_2$ percentages. For example, at sample point I5 BTEX was detected at a concentration of 255,017 ug/l, TCE at 82,609 ug/l, and PCE at 47,500 ug/l (Table 4-2), while the $O_2$ and $CO_2$ percentages were 0.3 and 17.1, respectively (Table 4-1). This correlation is also seen at sample points H5, H5-1, I6, J6, and other soil gas sampling points located in the west-central area of the lot. Total VOC concentrations at the referenced sample points ranged from 385,126 ug/l at I5 to 2,945,700 ug/l at J6, while $O_2$ and $CO_2$ percentages at these same sample points ranged from 0-0.3% and 17.1-19.7% respectively. $CH_4$ was only detected at locations H5 (2.3%), I5 (0.1%), I6 (3%), and J6 (29.4%).

The low $O_2$ to high $CO_2$ ratio is an indirect indication that aerobic degradation of contaminants in subsurface soil has been occuring. A "halo effect" was also noted around the areas of highest soil contamination. That is, sample points with low or non-detectable levels of total VOCs located adjacent to areas of high VOC concentrations, such as H-4 (ND), I-4 (ND), and I-7 (636 ug/l PCE), also had low $O_2$ and high $CO_2$ concentrations. Field screening at sample point H-4 showed $O_2$ at 3% and $CO_2$ at 15.5% (3/15.5%), at I-4 6.2/12.1%, and at I-7 3.7/13.4%. This is likely due to the diffusion of $O_2$ out of the surrounding areas into the areas of higher soil contamination to support biological growth feeding on the contaminants.

$CH_4$ was present only in the west-central area of the lot. This is an area with high concentrations of BTEX compounds and chlorinated solvents in soil, and low $O_2$ concentrations and high $CO_2$ concentrations in soil gas. This suggests that aerobic biodegradation of the BTEX compounds in this area may have proceeded to the point where the available $O_2$ was consumed, allowing anaerobic biodegradation of the chlorinated solvents by methanogenic bacteria to begin. This is possible since asphalt paving caps the area and prevents the free exchange of gases between the subsurface and the atmosphere.

Even though bidegradation of contaminants is apparently occurring, contamination in soil still presents a potential threat to ground water quality at SS-017. The degraded condition of the asphalt cover has allowed contaminants to infiltrate into the subsurface, and will also allow infiltration of surface water into the subsurface in the same areas. Contaminants leaching from the soil would be quickly transported to the ground water which is at a depth of between 4.5 and 5 feet bgs.

# 5.0 SUMMARY AND CONCLUSIONS

## 5.1 SUMMARY

Field screening for total VOCs showed the widespread presence volatile organic contaminants in soil gas beneath the paved areas of SS-017 (Figure 4-1). Low $O_2$ concentrations were noted in the central area of the lot, while very low $O_2$ concentrations (<1%) and elevated $CH_4$ concentrations (0.1 to 29.4%) were noted around sampling locations H5, I5, I6, and J6 (Figure 4-3). On-site GC analysis of soil gas samples revealed the widespread presence of TCE and PCE (Figure 4-4). BTEX compounds and DCBs were also detected. The highest concentrations of VOCs in soil gas were noted at locations I6 and J6. Analysis of subsurface soil samples showed TAGM 4046 exceedances for VOCs (primarily chlorinated solvents and BTEX compounds) and BNAs (primarily PAHs) throughout the site (Figure 4-5). The majority of the exceedances were noted in the lot and in the paved area east of B-2753. Isolated exceedances were also noted in the paved area west of B-2753, the paved area north of B-2774, and in the grassy areas on the east side of the site along Arizona Avenue.

## 5.2 CONCLUSIONS

Soil gas survey results show widespread contamination of soil vapor beneath the paved areas of SS-017. However, subsurface soil sampling results indicate that only a small volume of contaminated soil is the source of the soil vapor contamination. The highest VOC concentrations in vadose zone soil were found around sample points J6, SS-07, and SS-32 in the west-central area of the lot. It appears that the widespread presence of VOCs in the soil gas trapped beneath the paved areas of SS-017 represents a static equilibrium condition within the vadose zone.

Contamination within the vadose zone soil consists of chlorinated VOCs (TCE, PCE, and DCBs) and non-chlorinated petroleum hydrocarbons (VOCs and SVOCs). There is a potential for VOCs detected at SS-017 to leach into ground water at concentrations that could exceed NYSDEC ground water standards and New York State Department of Health drinking water standards.

Soil vapor extraction (SVE) has been used to successfully remediate the vadose zone and subsurface soil for the chlorinated and non-chlorinated VOCs detected at SS-017. Enhancing in-situ bioremediation through bioventing has been used to successfully remediate soil impacted by the non-chlorinated VOCs and the SVOCs detected. A combination of SVE and bioventing could be used to remediate the vadose zone and subsurface soil in SS-017. SVE could be implemented in areas containing the chlorinated VOCs TCE, PCE, and DCBs in addition to the other non-chlorinated VOCs detected. The SVE system could then be converted to a bioventing system after the chlorinated VOCs were removed. Dedicated bioventing systems could be installed in areas containing only non-chlorinated VOC and SVOCs.

# 6.0 REFERENCES

NYSDEC, 1994, Division of Hazardous Waste Remediation Technical and Administrative Guidance Memorandum (TAGM) on Determination of Soil Cleanup Objectives and Cleanup Levels, HWR-94-4046: New York State Department of Environmental Conservation, 24 January 1994 (Revised).

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TABLES

# *TABLES*

TABLE 3-1
Soil Gas Survey Sample Collection Record

| Soil Gas Sample Point | Date | Depth (ft bgs) | Field Screened | BTEX | DCB | TCE | PCE | Remarks |
|---|---|---|---|---|---|---|---|---|
| A-3 * | 06-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| A-3 | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| A-4 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| A-5 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| A-6 | 05-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| A-7 | 05-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| A-8 | 05-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| AB-5 * | 19-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| AB-7 * | 19-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| AH-4 * | 19-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| AH-6 * | 19-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| AH-8 * | 19-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| B-3 * | 06-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| B-3 | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| B-4 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| B-5-1 | 05-Jun-96 | 2 | X | X | X | --- | --- | No standard for TCE or PCE |
| B-5 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| B-6 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| B-7 | 05-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| B-8 | 05-Jun-96 | 3.75 | X | X | X | --- | --- | No standard for TCE or PCE |
| C-3 * | 06-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| C-3` | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| C-4 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| C-5 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| C-6 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| C-7 | 05-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| C-8 | 05-Jun-96 | 3.75 | X | X | X | --- | --- | No standard for TCE or PCE |
| D-1 | 03-Jun-96 | 3.5 | X | X | X | --- | --- | No standard for TCE or PCE |
| D-2 | 05-Jun-96 | 2 | X | X | X | --- | --- | No standard for TCE or PCE |
| D-3 * | 06-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| D-3 | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| D-4 | 03-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| D-5 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| D-6 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| D-7 | 05-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| D-8 | 05-Jun-96 | 2 | X | X | X | --- | --- | No standard for TCE or PCE |
| D-9 * | 10-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| D-9 | 10-Jun-96 | 3.75 | X | X | X | X | X | |
| D-10 | 10-Jun-96 | 3.75 | X | X | X | X | X | |
| D-11 | 10-Jun-96 | 3.75 | X | X | X | X | X | |
| D-12 | 10-Jun-96 | 2 | X | X | X | X | X | |
| E-1 | 03-Jun-96 | 3.5 | X | X | X | --- | --- | No standard for TCE or PCE |
| E-2 | 03-Jun-96 | 3.5 | X | X | X | --- | --- | No standard for TCE or PCE |
| E-3 | 05-Jun-96 | 3.75 | X | X | X | --- | --- | No standard for TCE or PCE |
| E-4 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| E-5 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| E-6 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| E-7 | 05-Jun-96 | 2 | X | X | X | --- | --- | No standard for TCE or PCE |
| E-7-1 | 05-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |

**TABLE 3-1**
**Soil Gas Survey Sample Collection Record**

| Soil Gas Sample Point | Date | Depth (ft bgs) | Field Screened | BTEX | DCB | TCE | PCE | Remarks |
|---|---|---|---|---|---|---|---|---|
| E-8 | 05-Jun-96 | 3.75 | X | X | X | --- | --- | No standard for TCE or PCE |
| E-9 * | 10-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| E-9 | 10-Jun-96 | 3.75 | X | X | X | X | X | |
| E-10 | 10-Jun-96 | 3.75 | X | X | X | X | X | |
| E-11 * | 10-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| E-11 | 10-Jun-96 | 3.75 | X | X | X | X | X | |
| E-12 | 10-Jun-96 | 2 | X | X | X | X | X | |
| E-13 | 19-Jun-96 | 2 | X | X | X | X | X | |
| E-14 | 19-Jun-96 | 2 | X | X | X | X | X | |
| E-15 | 19-Jun-96 | 2 | X | X | X | X | X | |
| E-16 | 19-Jun-96 | 2 | X | X | X | X | X | |
| F-1 | 03-Jun-96 | 3.5 | X | X | X | --- | --- | No standard for TCE or PCE |
| F-2 | 03-Jun-96 | 3.5 | X | X | X | --- | --- | No standard for TCE or PCE |
| F-3 | 05-Jun-96 | 2 | X | X | X | --- | --- | No standard for TCE or PCE |
| F-4 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| F-5 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| F-6 | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| F-7 | 05-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| F-8 | 05-Jun-96 | 3.75 | X | X | X | --- | --- | No standard for TCE or PCE |
| F-9 * | 10-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| F-9 | 10-Jun-96 | 3.75 | X | X | X | X | X | |
| F-10 * | 10-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| F-10 | 10-Jun-96 | 3.75 | X | X | X | X | X | |
| F-11 * | 10-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| F-11 | 10-Jun-96 | 3.75 | X | X | X | X | X | |
| F-12 | 10-Jun-96 | 2 | X | X | X | X | X | |
| G-2 | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| G-3 | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| G-4 | 06-Jun-96 | 2 | X | X | X | X | X | |
| G-5 | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| G-6 | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| G-7 | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| G-8 | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| H-3 * | 06-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| H-3 | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| H-4 * | 07-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| H-4 | 07-Jun-96 | 3.75 | X | X | X | X | X | |
| H-5 | 07-Jun-96 | 2 | X | X | X | X | X | |
| H-5-1 | 07-Jun-96 | 3.75 | X | X | X | X | X | |
| H-6 * | 07-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| H-6 | 07-Jun-96 | 3.75 | X | X | X | X | X | |
| H-7 * | 07-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| H-7 | 07-Jun-96 | 3.75 | X | X | X | X | X | |
| H-8 * | 07-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| H-8 | 07-Jun-96 | 3.75 | X | X | X | X | X | |
| I-3 * | 06-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| I-3 | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| I-4 | 19-Jun-96 | 3.75 | X | X | X | X | X | |
| I-5 | 19-Jun-96 | 3.75 | X | X | X | X | X | |

**TABLE 3-1**
**Soil Gas Survey Sample Collection Record**

| Soil Gas Sample Point | Date | Depth (ft bgs) | Field Screened | BTEX | DCB | TCE | PCE | Remarks |
|---|---|---|---|---|---|---|---|---|
| I-6 | 19-Jun-96 | 3.75 | X | X | X | X | X | |
| I-7 | 19-Jun-96 | 3.75 | X | X | X | X | X | |
| I-8 | 19-Jun-96 | 3.75 | X | X | X | X | X | |
| IJ-9 * | 21-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| J-3 * | 06-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| J-3 | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| J-4 | 19-Jun-96 | 3.75 | X | X | X | X | X | |
| J-5 * | 07-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| J-5 | 07-Jun-96 | 3.75 | X | X | X | X | X | |
| J-6 | 07-Jun-96 | 2 | X | X | X | X | X | |
| J-6 * | 07-Jun-96 | 3.75 | X | --- | --- | --- | --- | Field screening point |
| J-7 | 19-Jun-96 | 3 | X | X | X | X | X | |
| J-8 * | 21-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| K-4 | 19-Jun-96 | 3.75 | X | X | X | X | X | |
| K-5 * | 21-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| K-6 | 19-Jun-96 | 3.75 | X | X | X | X | X | |
| K-7 * | 21-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| K-8 * | 21-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| L-4 * | 21-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| L-5 * | 21-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| L-6 * | 21-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| L-7 * | 21-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| L-8 * | 21-Jun-96 | 2.5 | X | --- | --- | --- | --- | Field screening point |
| M-4 * | 21-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| M-6 * | 21-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| N1-1 * | 11-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| N1-1 | 11-Jun-96 | 3.75 | X | X | X | X | X | |
| N1-2 | 11-Jun-96 | 2.5 | X | X | X | X | X | |
| N1-3 | 18-Jun-96 | 1.5 | X | X | X | X | X | |
| N2-1 * | 11-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| N2-1 | 11-Jun-96 | 3.75 | X | X | X | X | X | |
| N2-2 | 11-Jun-96 | 2.5 | X | X | X | X | X | |
| N3-1 * | 11-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| N3-1 | 11-Jun-96 | 3.75 | X | X | X | X | X | |
| N3-2 | 11-Jun-96 | 2.5 | X | X | X | X | X | |
| N4-1 * | 11-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| N4-1 | 11-Jun-96 | 3.75 | X | X | X | X | X | |
| N4-2 | 11-Jun-96 | 2.5 | X | X | X | X | X | |
| N5-1 * | 11-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| N5-1 | 11-Jun-96 | 2 | X | X | X | X | X | |
| N5-2 | 11-Jun-96 | 2.5 | X | X | X | X | X | |
| N5-3 | 18-Jun-96 | 2.5 | X | X | X | X | X | |
| N6-1 | 11-Jun-96 | 2.5 | X | X | X | X | X | |
| N6-2 | 11-Jun-96 | 2.5 | X | X | X | X | X | |
| N7-1 | 11-Jun-96 | 2.5 | X | X | X | X | X | |
| N7-2 | 11-Jun-96 | 2.5 | X | X | X | X | X | |
| N7-3 | 18-Jun-96 | 2.5 | X | X | X | X | X | |
| S1-1 | 18-Jun-96 | 3.75 | X | X | X | X | X | |
| S1-2 | 18-Jun-96 | 3.75 | X | X | X | X | X | |

**TABLE 3-1**
**Soil Gas Survey Sample Collection Record**

| Soil Gas Sample Point | Date | Depth (ft bgs) | Field Screened | BTEX | DCB | TCE | PCE | Remarks |
|---|---|---|---|---|---|---|---|---|
| S1-3 | 18-Jun-96 | 3.75 | X | X | X | X | X | |
| W1-1 | 18-Jun-96 | 3.75 | X | X | X | X | X | |
| W1-2 * | 18-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| W1-2 | 18-Jun-96 | 3.75 | X | X | X | X | X | |
| W1-3 * | 18-Jun-96 | 2 | X | --- | --- | --- | --- | Field screening point |
| W1-3 | 18-Jun-96 | 3.75 | X | X | X | X | X | |
| W1-4 | 18-Jun-96 | 3.75 | X | X | X | X | X | |
| W1-5 | 18-Jun-96 | 2.5 | X | X | X | X | X | |
| W2-1 | 19-Jun-96 | 2.5 | X | X | X | X | X | |
| W2-2 | 19-Jun-96 | 2.5 | X | X | X | X | X | |
| W2-3 | 19-Jun-96 | 2.5 | X | X | X | X | X | |
| W2-4 | 19-Jun-96 | 2.5 | X | X | X | X | X | |
| DUP(F-6) | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| DUP(B-6) | 04-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| DUP(A-8) | 05-Jun-96 | 4.25 | X | X | X | --- | --- | No standard for TCE or PCE |
| DUP(E-3) | 05-Jun-96 | 3.75 | X | X | X | --- | --- | No standard for TCE or PCE |
| DUP(D-3) | 06-Jun-96 | 3.75 | X | X | X | X | X | |
| DUP(H-7) | 07-Jun-96 | 3.75 | X | X | X | X | X | |
| DUP(F-12) | 10-Jun-96 | 2 | X | X | X | X | X | |
| DUP(N5-2) | 11-Jun-96 | 2.5 | X | X | X | X | X | |
| DUP(S1-1) | 18-Jun-96 | 3.75 | X | X | X | X | X | |
| DUP(N1-3) | 18-Jun-96 | 1.5 | X | X | X | X | X | |
| DUP(E-14) | 19-Jun-96 | 2 | X | X | X | X | X | |
| DUP(BLANK-11) | 19-Jun-96 | na | X | X | X | X | X | |
| BLANK-1 | 04-Jun-96 | na | X | X | X | --- | --- | No standard for TCE or PCE |
| BLANK-2 | 05-Jun-96 | na | X | X | X | --- | --- | No standard for TCE or PCE |
| BLANK-3 | 06-Jun-96 | na | X | X | X | X | X | |
| BLANK-4 | 07-Jun-96 | na | X | X | X | X | X | |
| BLANK-5 | 10-Jun-96 | na | X | X | X | X | X | |
| BLANK-6 | 11-Jun-96 | na | X | X | X | X | X | |
| BLANK-7 | 18-Jun-96 | na | X | X | X | X | X | |
| BLANK-8 | 18-Jun-96 | na | X | X | X | X | X | |
| GB-1 | 18-Jun-96 | na | X | X | X | X | X | |
| BLANK-9 | 18-Jun-96 | na | X | X | X | X | X | |
| BLANK-10 | 19-Jun-96 | na | X | X | X | X | X | |
| BLANK-11 | 19-Jun-96 | na | X | X | X | X | X | |

NOTES:
BTEX = benzene, toluene, ethylbenzene, and xylenes
DCB = dichlorobenzenes
TCE = trichloroethene
PCE = tetrachloroethene
* = field screening point only at this location and depth
X = screening or analysis performed
--- = sample not analyzed for this compound
na = not applicable

**TABLE 3-2**
**Subsurface Soil Sample Collection Record**

| Sample Number | Date | Depth (ft bgs) | PID (ppm) | Chain of Custody | TCL VOCs | TCL BNAs | Target VOCs | Remarks |
|---|---|---|---|---|---|---|---|---|
| J-6(0-2) | 07-Jun-96 | 0-2 | 900 | Onsite | --- | --- | X | Screening sample |
| J-6(5-6) | 07-Jun-96 | 5-6 | 110 | Onsite | --- | --- | X | Screening sample |
| E-8(3-4) | 07-Jun-96 | 3-4 | 0 | Onsite | --- | --- | X | Screening sample |
| F-1(3-4) | 07-Jun-96 | 3-4 | 0 | Onsite | --- | --- | X | Screening sample |
| H-5(3-4) | 11-Jun-96 | 3-4 | 30.1 | 172203 | X | X | --- | |
| B-6(3-4) | 11-Jun-96 | 3-4 | 0 | 172203 | X | X | --- | |
| N5-1(1-2) | 11-Jun-96 | 1-2 | 0 | 172203 | X | X | --- | |
| IBS-01 | 18-Jun-96 | 4-5 | 0 | 172210 | X | X | --- | Beneath Bldg. 2774 |
| IBS-02 | 18-Jun-96 | 3.5-4 | 0 | 172210 | X | X | --- | Beneath Bldg. 2774 |
| IBS-03 | 18-Jun-96 | 2-3 | 0 | 172210 | X | X | --- | Beneath Bldg. 2774 |
| IBS-04 | 18-Jun-96 | 2-3 | 0 | 172210 | X | X | --- | Beneath Bldg. 2774 |
| 17-SS-01 | 20-Jun-96 | 2.5-3.5 | 52 | 172223 | X | X | --- | |
| 17-SS-02 | 20-Jun-96 | 3-4 | 0.6 | 172223 | X | X | --- | |
| 17-SS-03 | 20-Jun-96 | 1-2 | 1.2 | 172223 | X | X | --- | |
| 17-SS-04 | 20-Jun-96 | 0.5-1.5 | 1.6 | 172223 | X | X | --- | |
| 17-SS-05 | 20-Jun-96 | 3.5-4.5 | 0 | 172223 | X | X | --- | |
| 17-SS-06 | 20-Jun-96 | 3.5-4 | 0 | 172223 | X | X | --- | |
| 17-SS-07 | 20-Jun-96 | 3.5-4 | 1315 | 172223 | X | X | --- | |
| 17-SS-08 | 24-Jun-96 | 3-4 | 0 | 101990 | X | X | --- | |
| 17-SS-09 | 24-Jun-96 | 3-4 | 0 | 101990 | X | X | --- | |
| 17-SS-10 | 24-Jun-96 | 3.5-4 | 0 | 101990 | X | X | --- | |
| 17-SS-11 | 24-Jun-96 | 3-4 | 0 | 101990 | X | X | --- | |
| 17-SS-12 | 24-Jun-96 | 3-4 | 0 | 101990 | X | X | --- | |
| 17-SS-13 | 24-Jun-96 | 3-4 | 0 | 101990 | X | X | --- | |
| 17-SS-14 | 24-Jun-96 | 1-2 | 0.9 | 101990 | X | X | --- | |
| 17-SS-15 | 24-Jun-96 | 3-4 | 0 | 101990 | X | X | --- | |
| 17-SS-16 | 24-Jun-96 | 1-2 | 1.8 | 101990 | X | X | --- | |
| 17-SS-17 | 24-Jun-96 | 0-1 | 0.8 | 101990 | X | X | --- | |
| 17-SS-18 | 24-Jun-96 | 3-4 | 0.3 | 101991 | X | X | --- | |

**TABLE 3-2**
**Subsurface Soil Sample Collection Record**

| Sample Number | Date | Depth (ft bgs) | PID (ppm) | Chain of Custody | TCL VOCs | TCL BNAs | Target VOCs | Remarks |
|---|---|---|---|---|---|---|---|---|
| 17-SS-19 | 24-Jun-96 | 3-4 | 0.5 | 101991 | X | X | --- | |
| 17-SS-20 | 24-Jun-96 | 3-4 | 0.3 | 101991 | X | X | --- | |
| 17-SS-21 | 24-Jun-96 | 3-4 | 20.2 | 101991 | X | X | --- | |
| DUP(SS-21) | 24-Jun-96 | 3-4 | 20.2 | 101991 | X | X | --- | Dupe of 17-SS-21 |
| 17-SS-22 | 24-Jun-96 | 2-3 | 64.7 | 101991 | X | X | --- | |
| BLANK-1 | 24-Jun-96 | na | na | 101991 | X | X | --- | Lab error, BNAs not run |
| 17-SS-23 | 25-Jun-96 | 1-2 | 40 | 172230 | X | X | --- | |
| 17-SS-24 | 25-Jun-96 | 1.5-2.5 | 9 | 172229 | X | X | --- | |
| 17-SS-25 | 25-Jun-96 | 1-2 | 6 | 172229 | X | X | --- | |
| 17-SS-26 | 25-Jun-96 | 1-2 | 0.1 | 172229 | X | X | --- | |
| 17-SS-27 | 25-Jun-96 | 1-2 | 2.5 | 172229 | X | X | --- | |
| 17-SS-28 | 25-Jun-96 | 1-2 | 1.4 | 172229 | X | X | --- | |
| 17-SS-29 | 25-Jun-96 | 0.5-2 | 20 | 172229 | X | X | --- | |
| 17-SS-30 | 25-Jun-96 | 2-3 | 11 | 172229 | X | X | --- | |
| 17-SS-31 | 25-Jun-96 | 2.5-3.5 | 57 | 172229 | X | X | --- | |
| 17-SS-32 | 25-Jun-96 | 2.5-3.5 | 1260 | 172229 | X | X | --- | |
| 17-SS-33 | 25-Jun-96 | 3-4 | 0.1 | 172229 | X | X | --- | |
| 17-SS-34 | 25-Jun-96 | 2.5-3.5 | 0.2 | 172230 | X | X | --- | |
| 17-SS-35 | 25-Jun-96 | 0.5-2 | 1 | 172230 | X | X | --- | |
| 17-SS-36 | 25-Jun-96 | 0.5-2 | 0.9 | 172230 | X | X | --- | |
| 17-SS-37 | 25-Jun-96 | 3-4 | 0.1 | 172230 | X | X | --- | |
| 17-SS-38 | 25-Jun-96 | 0.5-2 | 29 | 172230 | X | X | --- | |
| DUP(SS-38) | 25-Jun-96 | 0.5-2 | 29 | 172230 | X | X | --- | Dupe of 17-SS-38 |
| 17-SS-39 | 25-Jun-96 | 3-4 | 0.4 | 172230 | X | X | --- | |
| TRIP BLANK | 25-Jun-96 | na | na | 172230 | X | --- | --- | |
| 17-SS-40 | 25-Jun-96 | 0.5-2 | 5.8 | 172232 | X | X | --- | |
| 17-SS-41 | 25-Jun-96 | 0.5-2 | 1.5 | 172232 | X | X | --- | |
| 17-SS-42 | 25-Jun-96 | 0.5-2 | 3.7 | 172232 | X | X | --- | |
| 17-SS-43 | 25-Jun-96 | 3-4 | 0 | 172232 | X | X | --- | |

**TABLE 3-2**
**Subsurface Soil Sample Collection Record**

| Sample Number | Date | Depth (ft bgs) | PID (ppm) | Chain of Custody | TCL VOCs | TCL BNAs | Target VOCs | Remarks |
|---|---|---|---|---|---|---|---|---|
| 17-SS-44 | 25-Jun-96 | 3-4 | 0 | 172232 | X | X | --- | |
| 17-SS-45 | 25-Jun-96 | 3-4 | 0 | 172232 | X | X | --- | |
| 17-SS-46 | 25-Jun-96 | 3-4 | 0 | 172232 | X | X | --- | |
| 17-SS-47 | 25-Jun-96 | 3-4 | 0 | 172232 | X | X | --- | |
| BLANK-2 | 25-Jun-96 | na | na | 172232 | X | X | --- | Equipment rinsate |
| TRIP BLANK | 25-Jun-96 | na | na | 172232 | X | --- | --- | |
| 17-SS-48 | 26-Jun-96 | 3-4 | 0 | 172214 | X | X | --- | |
| 17-SS-49 | 26-Jun-96 | 3-4 | 0 | 172214 | X | X | --- | |
| BLANK-3 | 26-Jun-96 | na | na | 172214 | X | X | --- | Equipment rinsate |
| 17-SS-50 | 26-Jun-96 | 3-4 | 0 | 172214 | X | X | --- | |
| 17-SS-51 | 26-Jun-96 | 3-4 | 0 | 172214 | X | X | --- | |
| 17-SS-52 | 26-Jun-96 | 3-4 | 0 | 172214 | X | X | --- | |
| 17-SS-53 | 26-Jun-96 | 3-4 | 0 | 172214 | X | X | --- | |
| 17-SS-54 | 26-Jun-96 | 3-4 | 0 | 172214 | X | X | --- | |
| 17-SS-55 | 26-Jun-96 | 3-4 | 0 | 172214 | X | X | --- | |
| 17-SS-56 | 26-Jun-96 | 3-4 | 0 | 172214 | X | X | --- | |
| 17-SS-57 | 26-Jun-96 | 3-4 | 0 | 172236 | X | X | --- | |
| 17-SS-59 | 26-Jun-96 | 3-4 | 0 | 172236 | X | X | --- | |
| 17-SS-60 | 26-Jun-96 | 3-4 | 0 | 172236 | X | X | --- | |
| 17-SS-61 | 26-Jun-96 | 2.5-4 | 21 | 172236 | X | X | --- | |
| 17-SS-64 | 26-Jun-96 | 3-4 | 0 | 172236 | X | X | --- | |
| 17-SS-65 | 26-Jun-96 | 3-4 | 0 | 172236 | X | X | --- | |
| 17-SS-66 | 26-Jun-96 | 1-3.5 | 6 | 172236 | X | X | --- | |
| TRIP BLANK | 26-Jun-96 | na | na | 172236 | X | --- | --- | |
| 17-SS-67 | 26-Jun-96 | 2-3.5 | 0 | 172237 | X | X | --- | |
| 17-SS-68 | 26-Jun-96 | 2-3.5 | 0 | 172237 | X | X | --- | |
| 17-SS-69 | 26-Jun-96 | 2-3 | 0 | 172237 | X | X | --- | |
| 17-SS-70 | 26-Jun-96 | 2-3 | 0 | 172237 | X | X | --- | |
| 17-SS-71 | 26-Jun-96 | 2-3 | 0 | 172237 | X | X | --- | |

**TABLE 3-2**
**Subsurface Soil Sample Collection Record**

| Sample Number | Date | Depth (ft bgs) | PID (ppm) | Chain of Custody | TCL VOCs | TCL BNAs | Target VOCs | Remarks |
|---|---|---|---|---|---|---|---|---|
| 17-SS-72 | 26-Jun-96 | 2-3 | 0 | 172237 | X | X | --- | |
| TRIP BLANK | 26-Jun-96 | na | na | 172237 | X | --- | --- | |
| 17-SS-75B | 17-Sep-96 | 3-4 | 0 | ITS COC | X | X | --- | |
| 17-SS-76B | 17-Sep-96 | 4-6 | 130 | ITS COC | X | --- | --- | Low sample volume |
| 17-SS-77B | 17-Sep-96 | 4-6 | 0 | ITS COC | X | --- | --- | Low sample volume |
| 17-SS-78B | 17-Sep-96 | 4-6 | 112 | ITS COC | X | --- | --- | Low sample volume |
| 17-SS-79B | 18-Sep-96 | 2-4 | 268 | ITS COC | X | X | --- | |
| 17-SS-80B | 18-Sep-96 | 6-8 | 0 | ITS COC | X | X | --- | |
| 17-SS-81B | 18-Sep-96 | 5-6 | 0.4 | ITS COC | X | X | --- | |
| 17-SS-82B | 18-Sep-96 | 5-6.5 | 0.2 | ITS COC | X | X | --- | |
| 17-SS-83B | 18-Sep-96 | 6-8 | 8 | ITS COC | X | X | --- | |
| 17-SS-84B | 18-Sep-96 | 4-6 | 0.2 | ITS COC | X | X | --- | |
| 17-SS-85B | 18-Sep-96 | 2-4 | 10 | ITS COC | X | X | --- | |
| 17-SS-86B | 18-Sep-96 | 3-5 | 0.4 | ITS COC | X | X | --- | |
| 17-SS-87B | 18-Sep-96 | 2-4 | 1.2 | ITS COC | X | X | --- | |
| 17-SS-88B | 18-Sep-96 | 2-4 | 0.2 | ITS COC | X | X | --- | |
| 17-SS-89B | 18-Sep-96 | 2-4 | 0.2 | ITS COC | X | X | --- | |
| 17-SS-90B | 18-Sep-96 | 2-4 | 0.8 | ITS COC | X | X | --- | |
| TRIP BLANK | 18-Sep-96 | na | na | ITS COC | X | --- | --- | |
| DUPE-02 | 18-Sep-96 | 6-8 | 8 | ITS COC | X | X | --- | Dupe of 17-SS-83B |
| RINSATE-02 | 18-Sep-96 | na | na | ITS COC | X | X | --- | Equipment rinsate |

NOTES:

na = not applicable
X = requested analysis
--- = analysis not requested
ft bgs = feet below ground surface
ppm = parts per million
ITS = Inchcape Testing Services
TCL = Toxicity Characteristics List
VOCs = volatile organic compounds
BNAs = base/neutral/acid extractable compounds
DUP = duplicate sample
COC = chain of custody

**TABLE 4-1**
**Soil Gas Survey Field Screening Measurements**

| Soil Gas Sample Point | Date | Depth (ft bgs) | Time | CH4 (%) | CO2 (%) | O2 (%) | PID (ppm) |
|---|---|---|---|---|---|---|---|
| A-3 * | 06/06/96 | 2 | 1335 | 0 | 7.6 | 11.5 | 0 |
| A-3 | 06/06/96 | 3.75 | 1345 | 0 | 8.8 | 10.2 | 0 |
| A-4 | 06/04/96 | 4.25 | 0857 | 0 | 16.8 | 2.3 | 4.7 |
| A-5 | 06/04/96 | 4.25 | 0910 | 0 | 19.4 | 2.2 | 18.7 |
| A-6 | 06/05/96 | 4.25 | 0715 | 0 | 17.2 | 3.7 | 1.9 |
| A-7 | 06/05/96 | 4.25 | 0740 | 0 | 10.1 | 9.2 | 1 |
| A-8 | 06/05/96 | 4.25 | 1132 | 0 | 4.1 | 16.4 | 0 |
| AB-5 * | 06/19/96 | 2.5 | 1430 | 0 | 19.2 | 0.4 | 7.9 |
| AB-7 * | 06/19/96 | 2.5 | 1420 | 0 | 7.2 | 13 | 0.2 |
| AH-4 * | 06/19/96 | 2.5 | 1352 | 0 | 16.6 | 1.8 | 1.7 |
| AH-6 * | 06/19/96 | 2.5 | 1402 | 0 | 17.4 | 1.4 | 1.5 |
| AH-8 * | 06/19/96 | 2.5 | 1413 | 0 | 4.8 | 16.1 | 0.5 |
| B-3 * | 06/06/96 | 2 | 1313 | 0 | 6.9 | 12.5 | 3.2 |
| B-3 | 06/06/96 | 3.75 | 1321 | 0 | 7 | 12.4 | 1.5 |
| B-4 | 06/04/96 | 4.25 | 0825 | 0 | 14.1 | 5.8 | 10.8 |
| B-5-1 | 06/05/96 | 2 | 1108 | 0 | 17.5 | 2.7 | 6.2 |
| B-5 | 06/04/96 | 4.25 | 1112 | 0 | 17.1 | 4.5 | 12 |
| B-6 | 06/04/96 | 4.25 | 1641 | 0 | 13.3 | 5.5 | 3.7 |
| B-7 | 06/05/96 | 4.25 | 0826 | 0 | 9.3 | 12.8 | 1.7 |
| B-8 | 06/05/96 | 3.75 | 1252 | 0 | 3.4 | 17.3 | 0 |
| C-3 * | 06/06/96 | 2 | 1140 | 0 | 4.2 | 15.8 | 2.9 |
| C-3 | 06/06/96 | 3.75 | 1147 | 0 | 4.7 | 15.5 | 2.2 |
| C-4 | 06/04/96 | 4.25 | 0751 | 0 | 8.8 | 11.1 | 3.8 |
| C-5 | 06/04/96 | 4.25 | 1121 | 0 | 7.3 | 14.3 | 10.6 |
| C-6 | 06/04/96 | 4.25 | 1626 | 0 | 9.8 | 10.2 | 2.3 |
| C-7 | 06/05/96 | 4.25 | 0841 | 0 | 9.1 | 12.1 | 2.1 |
| C-8 | 06/05/96 | 3.75 | 1300 | 0 | 4.6 | 16.1 | 0 |
| D-1 | 06/03/96 | 3.5 | --- | 0 | 0.4 | 19.2 | --- |
| D-2 | 06/05/96 | 2 | 1455 | 0 | 1 | 20.4 | 0 |
| D-3 * | 06/06/96 | 2 | 1115 | 0 | 2.7 | 17.5 | 0 |
| D-3 | 06/06/96 | 3.75 | 1125 | 0 | 3.1 | 17.3 | 0 |
| D-4 | 06/03/96 | 4.25 | 1527 | 0 | 0.4 | 20.8 | --- |
| D-5 | 06/04/96 | 4.25 | 1140 | 0 | 2.6 | 18.6 | 0.8 |
| D-6 | 06/04/96 | 4.25 | 1527 | 0 | 5.1 | 14.8 | 1.3 |
| D-7 | 06/05/96 | 4.25 | 0958 | 0 | 10.4 | 9.6 | 2.2 |
| D-8 | 06/05/96 | 2 | 1345 | 0 | 7.3 | 13.2 | 0 |
| D-9 * | 06/10/96 | 2 | 1239 | 0 | 1.5 | 19 | 0 |
| D-9 | 06/10/96 | 3.75 | 1248 | 0 | 1.5 | 19.1 | 0 |
| D-10 | 06/10/96 | 3.75 | 1045 | 0 | 1.8 | 19.1 | 0 |
| D-11 | 06/10/96 | 3.75 | 1454 | 0 | 1.7 | 19 | 0 |
| D-12 | 06/10/96 | 2 | 1424 | 0 | 0 | 0.5 | 19.7 |
| E-1 | 06/03/96 | 3.5 | --- | 0 | 0.4 | 19.8 | --- |

**TABLE 4-1**
**Soil Gas Survey Field Screening Measurements**

| Soil Gas Sample Point | Date | Depth (ft bgs) | Time | CH4 (%) | CO2 (%) | O2 (%) | PID (ppm) |
|---|---|---|---|---|---|---|---|
| E-2 | 06/03/96 | 3.5 | 1433 | 0 | 1.8 | 18.5 | --- |
| E-3 | 06/05/96 | 3.75 | 1603 | 0 | 1.7 | 19.4 | 0 |
| E-4 | 06/04/96 | 4.25 | 0712 | 0 | 0.5 | 20.4 | 0.7 |
| E-5 | 06/04/96 | 4.25 | 1300 | 0 | 1.2 | 20.1 | 2.1 |
| E-6 | 06/04/96 | 4.25 | 1518 | 0 | 3.8 | 16 | 2.9 |
| E-7 | 06/05/96 | 2 | 1008 | 0 | 8.8 | 11.5 | 1.4 |
| E-7-1 | 06/05/96 | 4.25 | 1017 | 0 | 8.8 | 11.6 | 0.5 |
| E-8 | 06/05/96 | 3.75 | 1357 | 0 | 7.4 | 13 | 0 |
| E-9 * | 06/10/96 | 2 | 1258 | 0 | 2.5 | 18.5 | 0 |
| E-9 | 06/10/96 | 3.75 | 1308 | 0 | 2.8 | 18.9 | 0 |
| E-10 | 06/10/96 | 3.75 | 1030 | 0 | 2.3 | 18.1 | 2.1 |
| E-11 * | 06/10/96 | 2 | 1513 | 0 | 3.1 | 17.6 | 4.3 |
| E-11 | 06/10/96 | 3.75 | 1521 | 0 | 3.1 | 17.6 | 3.6 |
| E-12 | 06/10/96 | 2 | 1400 | 0 | 1.7 | 18.9 | 10 |
| E-13 | 06/19/96 | 2 | 0740 | 0 | 6.1 | 16.1 | 7.6 |
| E-14 | 06/19/96 | 2 | 0750 | 0 | 5.8 | 14.4 | 29.4 |
| E-15 | 06/19/96 | 2 | 0911 | 0 | 3.2 | 18.5 | 0.3 |
| E-16 | 06/19/96 | 2 | 0920 | 0 | 0 | 2.6 | 0 |
| F-1 | 06/03/96 | 3.5 | --- | 0 | 0.3 | 20.1 | --- |
| F-2 | 06/03/96 | 3.5 | --- | 0 | 0.5 | 20.1 | --- |
| F-3 | 06/05/96 | 2 | 1553 | 0 | 0.6 | 20.1 | 0 |
| F-4 | 06/04/96 | 4.25 | 0725 | 0 | 0.5 | 20.2 | 0.1 |
| F-5 | 06/04/96 | 4.25 | 1309 | 0 | 0.4 | 20.7 | 0.5 |
| F-6 | 06/04/96 | 4.25 | 1405 | 0 | 1.5 | 19.5 | 0.5 |
| F-7 | 06/05/96 | 4.25 | 1058 | 0 | 3.9 | 16.3 | 0.2 |
| F-8 | 06/05/96 | 3.75 | 1442 | 0 | 2.7 | 18.5 | 0 |
| F-9 * | 06/10/96 | 2 | 1328 | 0 | 2.1 | 18.3 | 0 |
| F-9 | 06/10/96 | 3.75 | 1338 | 0 | 2.2 | 19.4 | 0 |
| F-10 * | 06/10/96 | 2 | 1110 | 0 | 3.6 | 17.2 | 1.8 |
| F-10 | 06/10/96 | 3.75 | 1121 | 0 | 2.4 | 18.5 | 2 |
| F-11 * | 06/10/96 | 2 | 1551 | 0 | 3.5 | 17.1 | 4.3 |
| F-11 | 06/10/96 | 3.75 | 1559 | 0 | 2.1 | 18.3 | 1 |
| F-12 | 06/10/96 | 2 | 1438 | 0 | 0.3 | 20.1 | 0 |
| G-2 | 06/06/96 | 3.75 | 0740 | 0 | 0.1 | 20.5 | 0 |
| G-3 | 06/06/96 | 3.75 | 0758 | 0 | 0.5 | 20.2 | 0 |
| G-4 | 06/06/96 | 2 | 0814 | 0 | 0.8 | 20 | 0 |
| G-5 | 06/06/96 | 3.75 | 0857 | 0 | 0 | 18.2 | 0 |
| G-6 | 06/06/96 | 3.75 | 0913 | 0 | 0.4 | 20.1 | 0 |
| G-7 | 06/06/96 | 3.75 | 0942 | 0 | 1.1 | 19.3 | 0 |
| G-8 | 06/06/96 | 3.75 | 0954 | 0 | 1 | 20 | 0 |
| H-3 * | 06/06/96 | 2 | 1401 | 0 | 7.5 | 10.7 | 0 |
| H-3 | 06/06/96 | 3.75 | 1409 | 0 | 7.6 | 10.7 | 0 |

**TABLE 4-1**
**Soil Gas Survey Field Screening Measurements**

| Soil Gas Sample Point | Date | Depth (ft bgs) | Time | CH4 (%) | CO2 (%) | O2 (%) | PID (ppm) |
|---|---|---|---|---|---|---|---|
| H-4 * | 06/07/96 | 2 | --- | 0 | 15.5 | 3 | 2.1 |
| H-4 | 06/07/96 | 3.75 | 0905 | 0 | 13.1 | 5.3 | 1.2 |
| H-5 | 06/07/96 | 2 | 0937 | 2.3 | 19.7 | 0 | 700 |
| H-5-1 | 06/07/96 | 3.75 | 0945 | 2.1 | 19.7 | 0.1 | 699 |
| H-6 * | 06/07/96 | 2 | --- | 0 | 18.2 | 0.2 | 21.3 |
| H-6 | 06/07/96 | 3.75 | 1131 | 0 | 18.5 | 0.2 | 31.5 |
| H-7 * | 06/07/96 | 2 | --- | 0 | 13.2 | 5 | 0.2 |
| H-7 | 06/07/96 | 3.75 | 1151 | 0 | 13.2 | 5.1 | 0 |
| H-8 * | 06/07/96 | 2 | --- | 0 | 4.7 | 15.3 | 0 |
| H-8 | 06/07/96 | 3.75 | 1302 | 0 | 4.7 | 15.3 | 0 |
| I-3 * | 06/06/96 | 2 | 1428 | 0 | 4.6 | 14.5 | 2.7 |
| I-3 | 06/06/96 | 3.75 | 1435 | 0 | 4.6 | 14.5 | 2.1 |
| I-4 | 06/19/96 | 3.75 | 1259 | 0 | 12.1 | 6.2 | 0 |
| I-5 | 06/19/96 | 3.75 | 1549 | 0.1 | 17.1 | 0.3 | 138 |
| I-6 | 06/19/96 | 3.75 | 1538 | 3 | 17.9 | 0.2 | 765 |
| I-7 | 06/19/96 | 3.75 | 1457 | 0 | 13.4 | 3.7 | 0.8 |
| I-8 | 06/19/96 | 3.75 | 1445 | 0 | 3.9 | 15.2 | 0 |
| IJ-9 * | 06/21/96 | 2.5 | 0724 | 0 | 1.1 | 20.7 | 0 |
| J-3 * | 06/06/96 | 2 | 1459 | 0 | 0.5 | 20.4 | 1.4 |
| J-3 | 06/06/96 | 3.75 | 1506 | 0 | 0.5 | 20.4 | 1 |
| J-4 | 06/19/96 | 3.75 | 1308 | 0 | 3.2 | 17.1 | 0 |
| J-5 * | 06/07/96 | 2 | --- | 0 | 8 | 10.3 | 2 |
| J-5 | 06/07/96 | 3.75 | 1328 | 0 | 8.5 | 10.2 | 0 |
| J-6 | 06/07/96 | 2 | 1353 | 29.4 | 17.4 | 0.1 | >2000 |
| J-6 * | 06/07/96 | 3.75 | --- | 21.8 | 17.7 | 0 | 1740 |
| J-7 | 06/19/96 | 3 | 1604 | 0 | 9.8 | 8.2 | 0.8 |
| J-8 * | 06/21/96 | 2.5 | 0742 | 0 | 1.6 | 18.4 | 0.1 |
| K-4 | 06/19/96 | 3.75 | 1329 | 0 | 3.2 | 15.9 | 0 |
| K-5 * | 06/21/96 | 2.5 | 0944 | 0 | 2.71 | 17.4 | 1.2 |
| K-6 | 06/19/96 | 3.75 | 1617 | 0 | 5.4 | 12.5 | 0.4 |
| K-7 * | 06/21/96 | 2 | 1029 | 0 | 6 | 13.3 | 0 |
| K-8 * | 06/21/96 | 2.5 | 0751 | 0 | 3.4 | 16.4 | 1.2 |
| L-4 * | 06/21/96 | 2.5 | 0925 | 0 | 5.2 | 13.3 | 1.4 |
| L-5 * | 06/21/96 | 2.5 | 0919 | 0 | 6.2 | 12.9 | 0.9 |
| L-6 * | 06/21/96 | 2.5 | 0901 | 0 | 6 | 13.3 | 4.3 |
| L-7 * | 06/21/96 | 2.5 | 0851 | 0 | 5.9 | 12.6 | 1.4 |
| L-8 * | 06/21/96 | 2.5 | 0842 | 0 | 4.6 | 14.6 | 2.6 |
| M-4 * | 06/21/96 | 2 | 1058 | 0 | 4.7 | 13.8 | 0.7 |
| M-6 * | 06/21/96 | 2 | 1039 | 0 | 3.6 | 16.1 | 1.4 |
| N1-1 * | 06/11/96 | 2 | 0749 | 0 | 0.7 | 19.5 | 0 |
| N1-1 | 06/11/96 | 3.75 | 0806 | 0 | 0.8 | 19.5 | 0 |
| N1-2 | 06/11/96 | 2.5 | 1334 | 0 | 2.8 | 17.1 | 0 |

**TABLE 4-1**
**Soil Gas Survey Field Screening Measurements**

| Soil Gas Sample Point | Date | Depth (ft bgs) | Time | CH4 (%) | CO2 (%) | O2 (%) | PID (ppm) |
|---|---|---|---|---|---|---|---|
| N1-3 | 06/18/96 | 1.5 | 1620 | 0 | 2.8 | 18.3 | 0 |
| N2-1 * | 06/11/96 | 2 | 0724 | 0 | 2.2 | 17.9 | 0 |
| N2-1 | 06/11/96 | 3.75 | 0732 | 0 | 2.2 | 17.9 | 0 |
| N2-2 | 06/11/96 | 2.5 | 1317 | 0 | 2.9 | 17.5 | 0 |
| N3-1 * | 06/11/96 | 2 | --- | 0 | 3.4 | 16.2 | 0.2 |
| N3-1 | 06/11/96 | 3.75 | 0842 | 0 | 3.4 | 16.3 | 0 |
| N3-2 | 06/11/96 | 2.5 | 1303 | 0 | 3.8 | 14.7 | 0 |
| N4-1 * | 06/11/96 | 2 | 0917 | 0 | 4.3 | 15 | 0.7 |
| N4-1 | 06/11/96 | 3.75 | 0925 | 0 | 4.3 | 15.1 | 0 |
| N4-2 | 06/11/96 | 2.5 | 1141 | 0 | 3.9 | 14.1 | 0 |
| N5-1 * | 06/11/96 | 2 | 0934 | 0 | 4.8 | 14.3 | 0.5 |
| N5-1 | 06/11/96 | 2 | 0953 | 0 | 4.7 | 14.3 | 0.6 |
| N5-2 | 06/11/96 | 2.5 | 1127 | 0 | 7.4 | 9.9 | 0.4 |
| N5-3 | 06/18/96 | 2.5 | 1604 | 0 | 9.8 | 6.1 | 0 |
| N6-1 | 06/11/96 | 2.5 | 1016 | 0 | 3.9 | 15.3 | 0 |
| N6-2 | 06/11/96 | 2.5 | 1050 | 0 | 6.6 | 7.6 | 1.3 |
| N7-1 | 06/11/96 | 2.5 | 1033 | 0 | 1.7 | 18.3 | 0 |
| N7-2 | 06/11/96 | 2.5 | 1059 | 0 | 5.6 | 11.6 | 0 |
| N7-3 | 06/18/96 | 2.5 | 1549 | 0 | 5.7 | 12.9 | 0 |
| S1-1 | 06/18/96 | 3.75 | 0824 | 0 | 4.1 | 16.2 | 0 |
| S1-2 | 06/18/96 | 3.75 | 0850 | 0 | 1.5 | 19 | 0 |
| S1-3 | 06/18/96 | 3.75 | 1012 | 0 | 7.5 | 3.8 | 0 |
| W1-1 | 06/18/96 | 3.75 | 1028 | 0 | 14.2 | 2.3 | 8.1 |
| W1-2 * | 06/18/96 | 2 | --- | 0 | 10.2 | 9 | 0.3 |
| W1-2 | 06/18/96 | 3.75 | 1042 | 0 | 10.5 | 10 | 0 |
| W1-3 * | 06/18/96 | 2 | --- | 0 | 1.1 | 19.4 | 1.3 |
| W1-3 | 06/18/96 | 3.75 | 1308 | 0 | 1.2 | 19.3 | 2.2 |
| W1-4 | 06/18/96 | 3.75 | 1327 | 0 | 2.4 | 17.8 | 0 |
| W1-5 | 06/18/96 | 2.5 | 1540 | 0 | 3.5 | 15.5 | 1.5 |
| W2-1 | 06/19/96 | 2.5 | 1021 | 0 | 8 | 8.9 | 0 |
| W2-2 | 06/19/96 | 2.5 | 1031 | 0 | 10 | 7.9 | 0 |
| W2-3 | 06/19/96 | 2.5 | 1047 | 0 | 3.7 | 14.5 | 0 |
| W2-4 | 06/19/96 | 2.5 | 1056 | 0 | 1.6 | 16.7 | 0 |
| DUP(F-6) | 06/04/96 | 4.25 | 1407 | 0 | 1.5 | 20.2 | 0 |
| DUP(B-6) | 06/04/96 | 4.25 | 1643 | 0 | 13.4 | 5.5 | 3.9 |
| DUP(A-8) | 06/05/96 | 4.25 | 1133 | 0 | 4.1 | 16.4 | 0 |
| DUP(E-3) | 06/05/96 | 3.75 | 1606 | 0 | 1.7 | 19.4 | 0 |
| DUP(D-3) | 06/06/96 | 3.75 | 1127 | 0 | 3.1 | 17.3 | 0 |
| DUP(H-7) | 06/07/96 | 3.75 | 1156 | 0 | 13.2 | 5.1 | 0 |
| DUP(F-12) | 06/10/96 | 2 | 1440 | 0 | 0.3 | 20.1 | 0 |
| DUP(N5-2) | 06/11/96 | 2.5 | 1131 | 0 | 7.4 | 9.9 | 0.4 |
| DUP(S1-1) | 06/18/96 | 3.75 | 0826 | 0 | 4 | 16.2 | 0 |

**TABLE 4-1**
**Soil Gas Survey Field Screening Measurements**

| Soil Gas Sample Point | Date | Depth (ft bgs) | Time | CH4 (%) | CO2 (%) | O2 (%) | PID (ppm) |
|---|---|---|---|---|---|---|---|
| DUP(N1-3) | 06/18/96 | 1.5 | 1622 | 0 | 2.8 | 18.3 | 0 |
| DUP(E-14) | 06/19/96 | 2 | 0752 | 0 | 5.8 | 14.4 | 29.4 |
| DUP(BLANK-11) | 06/19/96 | na | 1338 | 0 | 0 | 21.2 | 0 |
| BLANK-1 | 06/04/96 | na | 1433 | 0 | 0 | 21.9 | 0 |
| BLANK-2 | 06/05/96 | na | 0724 | 0 | 0 | 21.9 | 0 |
| BLANK-3 | 06/06/96 | na | 0734 | 0 | 0 | 20.8 | 0 |
| BLANK-4 | 06/07/96 | na | 0916 | 0 | 0 | 20.7 | 0 |
| BLANK-5 | 06/10/96 | na | 1132 | 0 | 0 | 20.8 | 0 |
| BLANK-6 | 06/11/96 | na | 0739 | 0 | 0 | 20.6 | 0 |
| BLANK-7 | 06/18/96 | na | 0831 | 0 | 0 | 20.5 | 0 |
| BLANK-8 | 06/18/96 | na | 1143 | 0 | 0 | 21.2 | 0 |
| GB-1 | 06/18/96 | na | 1157 | 0 | 0 | 21.2 | 0 |
| BLANK-9 | 06/18/96 | na | 1319 | 0 | 0 | 21 | 0 |
| BLANK-10 | 06/19/96 | na | 0902 | 0 | 0 | 20.8 | 0 |
| BLANK-11 | 06/19/96 | na | 1336 | 0 | 0 | 21.2 | 0 |

NOTES:
CH4 = methane
CO2 = carbon dioxide
O2 = oxygen
PID = total volatile organic vapors
* = field screening only, no analysis performed

**TABLE 4-2**
**Soil Gas Survey Field Analytical Results**

| Sample Number | Depth (ft bgs) | Total VOCs (ug/L) | BENZ (ug/L) | TOL (ug/L) | EBNZ (ug/L) | XYLN (ug/L) | Total BTEX | DCB (ug/L) | TCE (ug/L) | PCE (ug/L) | UNK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A-3 | 3.75 | 1790 | --- | --- | --- | --- | --- | --- | 1790 | --- | |
| A-4 | 4.25 | 4157 | --- | 457 | --- | --- | 457 | --- | 3700 | --- | |
| A-5 | 4.25 | 57600 | --- | 8300 | --- | 15000 | 23300 | 13000 | 21300 | --- | |
| A-6 | 4.25 | 59 | --- | --- | --- | --- | --- | --- | --- | 59 | |
| A-7 | 4.25 | 361 | --- | --- | --- | --- | + | --- | --- | 361 | |
| A-8 | 4.25 | 333 | --- | --- | --- | --- | --- | --- | --- | 333 | |
| B-3 | 3.75 | 10000 | --- | --- | --- | --- | --- | --- | 10000 | --- | |
| B-4 | 4.25 | 76570 | --- | --- | --- | --- | --- | 8070 | 68500 | --- | |
| B-5-1 | 2 | 6000 | 2000 | --- | --- | --- | 2000 | --- | 4000 | + | + |
| B-5 | 4.25 | 90500 | --- | --- | --- | 7800 | 7800 | + | 82700 | --- | |
| B-6 | 4.25 | 3400 | --- | --- | --- | --- | --- | 3400 | ++ | --- | + |
| B-7 | 4.25 | 1029 | --- | --- | --- | --- | --- | --- | 444 | 585 | |
| B-8 | 3.75 | 222 | --- | --- | --- | --- | --- | --- | --- | 222 | |
| C-3 | 3.75 | 10100 | --- | --- | --- | --- | --- | --- | 10100 | --- | |
| C-4 | 4.25 | 91399 | 189 | --- | --- | --- | 189 | 5610 | 85600 | --- | |
| C-5 | 4.25 | +++ | --- | --- | --- | --- | --- | --- | +++ | --- | |
| C-6 | 4.25 | 2300 | --- | --- | --- | --- | --- | 2300 | ++ | + | + |
| C-7 | 4.25 | 1181 | --- | --- | --- | --- | --- | --- | 875 | 306 | |
| C-8 | 3.75 | 481 | --- | --- | --- | --- | --- | --- | 175 | 306 | |
| D-1 | 3.5 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| D-2 | 2 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| D-3 | 3.75 | 800 | --- | --- | --- | --- | --- | --- | 800 | --- | |
| D-4 | 4.25 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| D-5 | 4.25 | + | --- | --- | --- | --- | --- | --- | + | --- | |
| D-6 | 4.25 | 456 | --- | --- | --- | --- | --- | 456 | + | --- | |
| D-7 | 4.25 | 1866 | --- | --- | --- | --- | --- | --- | 1560 | 306 | |
| D-8 | 2 | 675 | --- | --- | --- | --- | --- | --- | 175 | 500 | |
| D-9 | 3.75 | 647 | --- | --- | --- | --- | --- | --- | --- | 647 | |
| D-10 | 3.75 | 1369 | --- | --- | --- | --- | --- | --- | 1016 | 353 | |
| D-11 | 3.75 | 3333 | --- | --- | --- | --- | --- | --- | 3333 | --- | |

**TABLE 4-2**
**Soil Gas Survey Field Analytical Results**

| Sample Number | Depth (ft bgs) | Total VOCs (ug/L) | BENZ (ug/L) | TOL (ug/L) | EBNZ (ug/L) | XYLN (ug/L) | Total BTEX | DCB (ug/L) | TCE (ug/L) | PCE (ug/L) | UNK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| D-12 | 2 | 1904 | --- | --- | --- | --- | --- | --- | 1904 | --- | |
| E-1 | 3.5 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| E-2 | 3.5 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| E-3 | 3.75 | 260 | --- | --- | --- | --- | --- | --- | 260 | --- | |
| E-4 | 4.25 | 7644 | 335 | --- | --- | 209 | 544 | --- | 7100 | --- | + |
| E-5 | 4.25 | 700 | 700 | --- | --- | --- | 700 | + | ++ | --- | |
| E-6 | 4.25 | ++ | --- | --- | --- | --- | --- | --- | ++ | --- | + |
| E-7 | 2 | 18468 | --- | --- | --- | --- | --- | --- | 18200 | 268 | |
| E-7-1 | 4.25 | 1277 | --- | --- | --- | --- | --- | --- | 1060 | 217 | |
| E-8 | 3.75 | 481 | --- | --- | --- | --- | --- | --- | 175 | 306 | |
| E-9 | 3.75 | 1538 | --- | --- | --- | --- | --- | --- | 244 | 1294 | |
| E-10 | 3.75 | 3620 | --- | --- | --- | --- | --- | --- | 3082 | 538 | |
| E-11 | 3.75 | 7450 | --- | --- | --- | --- | --- | --- | 7069 | 381 | |
| E-12 | 2 | 14814 | --- | --- | --- | --- | --- | --- | 14814 | --- | |
| E-13 | 2 | 90740 | --- | --- | --- | --- | --- | --- | 90740 | --- | |
| E-14 | 2 | 55075 | --- | --- | --- | --- | --- | --- | 55075 | --- | |
| E-15 | 2 | 1130 | --- | --- | --- | --- | --- | --- | 1130 | --- | |
| E-16 | 2 | 172 | 39 | --- | --- | --- | --- | --- | 133 | --- | |
| F-1 | 3.5 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| F-2 | 3.5 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| F-3 | 2 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| F-4 | 4.25 | 2000 | --- | --- | --- | --- | --- | 2000 | --- | --- | |
| F-5 | 4.25 | <50 | --- | <50 | --- | --- | <50 | --- | + | --- | |
| F-6 | 4.25 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| F-7 | 4.25 | 429 | --- | --- | --- | --- | --- | --- | 344 | 85 | |
| F-8 | 3.75 | 148 | --- | --- | --- | --- | --- | --- | --- | 148 | |
| F-9 | 3.75 | 1409 | --- | --- | --- | --- | --- | --- | 225 | 1184 | |
| F-10 | 3.75 | 2523 | --- | --- | --- | --- | --- | --- | 2057 | 466 | |
| F-11 | 3.75 | 6386 | --- | --- | --- | --- | --- | --- | 6153 | 233 | |
| F-12 | 2 | 2208 | --- | --- | --- | --- | --- | --- | 2208 | --- | |

**TABLE 4-2**
**Soil Gas Survey Field Analytical Results**

| Sample Number | Depth (ft bgs) | Total VOCs (ug/L) | BENZ (ug/L) | TOL (ug/L) | EBNZ (ug/L) | XYLN (ug/L) | Total BTEX | DCB (ug/L) | TCE (ug/L) | PCE (ug/L) | UNK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| G-2 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| G-3 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| G-4 | 2 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| G-5 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| G-6 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| G-7 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| G-8 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| H-3 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| H-4 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| H-5 | 2 | 825000 | 53000 | 78000 | 40000 | 100000 | 271000 | 29000 | 525000 | --- | |
| H-5-1 | 3.75 | 725500 | 50000 | 78000 | 42500 | 100000 | 270500 | 25000 | 430000 | --- | |
| H-6 | 3.75 | 21918 | 500 | 7800 | --- | --- | 8300 | --- | 12800 | 818 | |
| H-7 | 3.75 | 663 | --- | --- | --- | --- | --- | --- | --- | 663 | |
| H-8 | 3.75 | 558 | --- | --- | --- | --- | --- | --- | --- | 558 | |
| I-3 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| I-4 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| I-5 | 3.75 | 385126 | 2570 | 246430 | 3267 | 2750 | 255017 | --- | 82609 | 47500 | |
| I-6 | 3.75 | 1050370 | ++ | 1050000 | ++ | ++ | 1050000 | --- | 370 | --- | |
| I-7 | 3.75 | 636 | --- | --- | --- | --- | --- | --- | --- | 636 | |
| I-8 | 3.75 | 454 | --- | --- | --- | --- | --- | --- | --- | 454 | |
| J-3 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| J-4 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| J-5 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| J-6 | 2 | 2945700 | 212000 | 180000 | 123600 | 333800 | 849400 | 459300 | 1637000 | --- | |
| J-7 | 3 | 2000 | --- | --- | --- | --- | --- | --- | --- | 2000 | |
| K-4 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| K-6 | 3.75 | 642 | --- | 135 | --- | --- | 135 | --- | --- | 507 | |
| N1-1 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| N1-2 | 2.75 | 111 | --- | --- | --- | --- | --- | --- | 111 | --- | |
| N1-3 | 1.5 | 665 | --- | 17 | --- | --- | --- | --- | 121 | 527 | |

**TABLE 4-2**
**Soil Gas Survey Field Analytical Results**

| Sample Number | Depth (ft bgs) | Total VOCs (ug/L) | BENZ (ug/L) | TOL (ug/L) | EBNZ (ug/L) | XYLN (ug/L) | Total BTEX | DCB (ug/L) | TCE (ug/L) | PCE (ug/L) | UNK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N2-1 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| N2-2 | 2.5 | 512 | --- | --- | --- | --- | --- | --- | 512 | --- | |
| N3-1 | 3.75 | + | --- | --- | --- | --- | --- | --- | --- | --- | + |
| N3-2 | 2.5 | 886 | --- | --- | --- | --- | --- | --- | 886 | --- | |
| N4-1 | 3.75 | 585 | --- | --- | --- | --- | --- | --- | 585 | --- | |
| N4-2 | 2.5 | 994 | --- | --- | --- | --- | --- | --- | 994 | --- | |
| N5-1 | 2 | 2250 | --- | --- | --- | --- | --- | --- | 2250 | --- | |
| N5-2 | 2.5 | 3306 | --- | --- | --- | --- | --- | --- | 3306 | --- | |
| N5-3 | 2.5 | 21 | --- | --- | --- | --- | --- | --- | 21 | --- | |
| N6-1 | 2.5 | 1091 | --- | --- | --- | --- | --- | --- | 1091 | --- | |
| N6-2 | 2.5 | 4169 | --- | --- | --- | --- | --- | --- | 4169 | --- | |
| N7-1 | 2.5 | 135 | --- | --- | --- | --- | --- | --- | 135 | --- | |
| N7-2 | 2.5 | 1850 | --- | --- | --- | --- | --- | --- | 1850 | --- | |
| N7-3 | 2.5 | 23 | --- | --- | --- | --- | --- | --- | 23 | --- | |
| S1-1 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| S1-2 | 3.75 | 760 | --- | --- | --- | --- | --- | --- | 760 | --- | |
| S1-3 | 3.75 | + | --- | + | --- | + | --- | --- | --- | --- | |
| W1-1 | 3.75 | + | --- | --- | --- | --- | --- | --- | --- | --- | + |
| W1-2 | 3.75 | 243 | --- | --- | --- | --- | --- | --- | 243 | --- | |
| W1-3 | 3.75 | 6827 | --- | --- | --- | --- | --- | --- | + | 6827 | |
| W1-4 | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| W1-5 | 2.5 | 1450 | --- | --- | --- | --- | --- | --- | 1450 | --- | |
| W2-1 | 2.5 | 652 | --- | --- | --- | --- | --- | --- | 652 | --- | |
| W2-2 | 2.5 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| W2-3 | 2.5 | 395 | --- | --- | --- | --- | --- | --- | 395 | --- | |
| W2-4 | 2.5 | 42 | --- | --- | --- | --- | --- | --- | 42 | --- | |
| DUP(F-6) | 4.25 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| DUP(B-6) | 4.25 | 700 | --- | --- | --- | --- | --- | 700 | --- | --- | + |
| DUP(A-8) | 4.25 | 333 | --- | --- | --- | --- | --- | --- | --- | 333 | |
| DUP(E-3) | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |

**TABLE 4-2**
**Soil Gas Survey Field Analytical Results**

| Sample Number | Depth (ft bgs) | Total VOCs (ug/L) | BENZ (ug/L) | TOL (ug/L) | EBNZ (ug/L) | XYLN (ug/L) | Total BTEX | DCB (ug/L) | TCE (ug/L) | PCE (ug/L) | UNK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DUP(D-3) | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| DUP(H-7) | 3.75 | 663 | --- | --- | --- | --- | --- | --- | --- | 663 | |
| DUP(F-12) | 2 | 3095 | --- | --- | --- | --- | --- | --- | 3095 | --- | |
| DUP(N5-2) | 2.5 | 3500 | --- | --- | --- | --- | --- | --- | 3500 | --- | |
| DUP(S1-1) | 3.75 | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| DUP(N1-3) | 1.5 | 747 | --- | 20 | --- | --- | --- | --- | 127 | 600 | |
| DUP(E-14) | 2 | 47425 | --- | --- | --- | --- | --- | --- | 47425 | --- | |
| DUP(BLANK-11) | na | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| BLANK-1 | na | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| BLANK-2 | na | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| BLANK-3 | na | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| BLANK-4 | na | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| BLANK-5 | na | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| BLANK-6 | na | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| BLANK-7 | na | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| BLANK-8 | na | 141 | --- | 118 | --- | 23 | --- | --- | --- | --- | |
| GB-1 | na | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| BLANK-9 | na | 15 | --- | 15 | --- | --- | --- | --- | --- | --- | |
| BLANK-10 | na | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |
| BLANK-11 | na | 0 | --- | --- | --- | --- | --- | --- | --- | --- | |

NOTES:

ug/L = micrograms-per-liter or parts-per-billion
VOCs = volatile organic compounds
BENZ = benzene
TOL = toluene
EBNZ = ethylbenzene
XYLN = xylenes, total
BTEX = BTEX, total
DCB = dichlorobenzenes, total
TCE = trichloroethene
PCE = tetrachloroethene
UNK = unknowns, + if detected
\+ = compound present but not quantifiable
small (+), medium (++), large (+++) peak
--- = not detected

**TABLE 4-3**
**Summary of Detected Compounds in Subsurface Soil**

| Area | Analysis | Compound | Units | Number of Detections | Number of Analyses | Maximum Detection | Minimum Detection |
|---|---|---|---|---|---|---|---|
| ON-SITE ANALYSES | | | | | | | |
| SS-017 | VOC | 1,2-Dichlorobenzene | ug/kg | 4 | 4 | 38100 | 6.05 |
| SS-017 | VOC | 1,4-Dichlorobenzene | ug/kg | 4 | 4 | 4940 | 1.94 |
| SS-017 | VOC | Benzene | ug/kg | 4 | 4 | 7180 | 1.74 |
| SS-017 | VOC | Ethylbenzene | ug/kg | 4 | 4 | 1900 | 2.27 |
| SS-017 | VOC | m,p-Xylene | ug/kg | 4 | 4 | 52100 | 7.16 |
| SS-017 | VOC | o-Xylene | ug/kg | 4 | 4 | 29500 | 3.53 |
| SS-017 | VOC | Toluene | ug/kg | 4 | 4 | 1103 | 0.864 |
| SS-017 | VOC | Trichloroethylene | ug/kg | 3 | 4 | 3640 | 2.03 |
| SS-017 | VOC | Tetrachloroethene | ug/kg | 2 | 4 | 292 | 1.87 |
| SS-017 | VOC | Total VOCs | ug/kg | 4 | 4 | 138463 | 23.554 |
| OFF-SITE ANALYSES | | | | | | | |
| SS-017 | TCL VOC | Methylene chloride | ug/kg | 68 | 92 | 6710 | 1.32 |
| SS-017 | TCL VOC | Trichloroethylene | ug/kg | 45 | 92 | 6730 | 0.351 |
| SS-017 | TCL VOC | Naphthalene | ug/kg | 12 | 92 | 32000 | 1.04 |
| SS-017 | TCL VOC | Toluene | ug/kg | 11 | 92 | 5.88 | 1.6 |
| SS-017 | TCL VOC | Tetrachloroethene | ug/kg | 8 | 92 | 9.16 | 0.49 |
| SS-017 | TCL VOC | Xylenes | ug/kg | 7 | 92 | 21200 | 0.857 |
| SS-017 | TCL VOC | 1,3,5-Trimethylbenzene | ug/kg | 6 | 92 | 34000 | 2.59 |
| SS-017 | TCL VOC | Ethylbenzene | ug/kg | 6 | 92 | 7800 | 0.267 |
| SS-017 | TCL VOC | 1,2,4-Trimethylbenzene | ug/kg | 5 | 92 | 72100 | 9.53 |
| SS-017 | TCL VOC | 1,2-cis-Dichloroethylene | ug/kg | 4 | 92 | 44.1 | 0.532 |
| SS-017 | TCL VOC | 1,2-Dichlorobenzene | ug/kg | 4 | 92 | 310000 | 79 |
| SS-017 | TCL VOC | 1,3-Dichlorobenzene | ug/kg | 3 | 92 | 110000 | 0.77 |
| SS-017 | TCL VOC | 1,4-Dichlorobenzene | ug/kg | 3 | 92 | 140000 | 3.99 |
| SS-017 | TCL VOC | n-Butylbenzene | ug/kg | 3 | 92 | 8000 | 9.57 |
| SS-017 | TCL VOC | 1,2,4-Trichlorobenzene | ug/kg | 2 | 92 | 9500 | 250 |
| SS-017 | TCL VOC | 4-Isopropyltoluene | ug/kg | 2 | 92 | 4120 | 2590 |
| SS-017 | TCL VOC | n-Propylbenzene | ug/kg | 2 | 92 | 4480 | 2100 |
| SS-017 | TCL VOC | o-Xylene | ug/kg | 2 | 92 | 6100 | 1400 |
| SS-017 | TCL VOC | p-Isopropyltoluene | ug/kg | 2 | 92 | 40000 | 4200 |
| SS-017 | TCL VOC | sec-Butylbenzene | ug/kg | 2 | 92 | 180000 | 9600 |
| SS-017 | TCL VOC | 1,1,1-Trichloroethane | ug/kg | 1 | 92 | 622 | 622 |
| SS-017 | TCL VOC | 1,2,3-Trichlorobenzene | ug/kg | 1 | 92 | 0.379 | 0.379 |
| SS-017 | TCL VOC | 2-Chlorotoluene | ug/kg | 1 | 92 | 250 | 250 |
| SS-017 | TCL VOC | m,p-Xylene | ug/kg | 1 | 92 | 22000 | 22000 |
| SS-017 | TCL VOC | tert-Butylbenzene | ug/kg | 1 | 92 | 390 | 390 |
| SS-017 | TCL VOC | Trichlorofluoromethane | ug/kg | 1 | 92 | 1.15 | 1.15 |
| SS-017 | TCL VOC | Total VOCs | ug/kg | 73 | 92 | 972500 | 1.86 |
| SS-017 | TCL BNA | Fluoranthene | ug/kg | 12 | 89 | 745 | 33.1 |
| SS-017 | TCL BNA | Pyrene | ug/kg | 12 | 89 | 610 | 31.5 |
| SS-017 | TCL BNA | Phenanthrene | ug/kg | 11 | 89 | 4010 | 106 |
| SS-017 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 9 | 89 | 340 | 36.7 |
| SS-017 | TCL BNA | Benzo(a)anthracene | ug/kg | 8 | 89 | 410 | 43 |

**TABLE 4-3**
**Summary of Detected Compounds in Subsurface Soil**

| Area | Analysis | Compound | Units | Number of Detections | Number of Analyses | Maximum Detection | Minimum Detection |
|---|---|---|---|---|---|---|---|
| SS-017 | TCL BNA | Benzo(a)pyrene | ug/kg | 8 | 89 | 370 | 46.3 |
| SS-017 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 8 | 89 | 370 | 42.8 |
| SS-017 | TCL BNA | Chrysene | ug/kg | 8 | 89 | 430 | 47.5 |
| SS-017 | TCL BNA | Anthracene | ug/kg | 6 | 89 | 122 | 21.5 |
| SS-017 | TCL BNA | Di-n-butyl phthalate | ug/kg | 6 | 89 | 213 | 44.6 |
| SS-017 | TCL BNA | 2-Methylnaphthalene | ug/kg | 5 | 89 | 25600 | 34.3 |
| SS-017 | TCL BNA | bis(2-Ethylhexyl)phthalate | ug/kg | 4 | 89 | 1110 | 47.8 |
| SS-017 | TCL BNA | Indeno(1,2,3-cd)pyrene | ug/kg | 3 | 89 | 142 | 64.2 |
| SS-017 | TCL BNA | Naphthalene | ug/kg | 3 | 89 | 15700 | 324 |
| SS-017 | TCL BNA | Fluorene | ug/kg | 2 | 89 | 1740 | 511 |
| SS-017 | TCL BNA | p-Chloro-m-cresol | ug/kg | 2 | 89 | 84.5 | 78.7 |
| SS-017 | TCL BNA | 1,2-Dichlorobenzene | ug/kg | 1 | 89 | 460 | 460 |
| SS-017 | TCL BNA | Acenaphthene | ug/kg | 1 | 89 | 1120 | 1120 |
| SS-017 | TCL BNA | Benzo(ghi)perylene | ug/kg | 1 | 89 | 58.1 | 58.1 |
| SS-017 | TCL BNA | Carbazole | ug/kg | 1 | 89 | 70 | 70 |
| SS-017 | TCL BNA | Dibenzofuran | ug/kg | 1 | 89 | 947 | 947 |

NOTES: VOC = Volatile organic compound
TCL = Toxicity Characteristics List
BNA = Base/neutral/acid extractable compound
ug/kg = micrograms per kilogram

## TABLE 4-4
## Subsurface Soil TAGM-4046 Exceedances

| Sample Number | Analysis | Compound | Units | RCO | Reported Detection | Q | Depth (ft bgs) | PID (ppm) |
|---|---|---|---|---|---|---|---|---|
| J6(0-2) | VOC | Benzene | ug/kg | 0.6 | 7180 | | 0-2 | 900 |
| J6(0-2) | VOC | Dichlorobenzene, 1,2- | ug/kg | 79 | 38100 | | 0-2 | 900 |
| J6(0-2) | VOC | Dichlorobenzene, 1,4- | ug/kg | 85 | 4940 | | 0-2 | 900 |
| J6(0-2) | VOC | Ethylbenzene | ug/kg | 55 | 1900 | | 0-2 | 900 |
| J6(0-2) | VOC | Toluene | ug/kg | 15 | 1103 | | 0-2 | 900 |
| J6(0-2) | VOC | Total VOCs | ug/kg | 10000 | 138463 | | 0-2 | 900 |
| J6(0-2) | VOC | Trichloroethylene | ug/kg | 7 | 3640 | | 0-2 | 900 |
| J6(0-2) | VOC | Xylenes, total | ug/kg | 12 | 81600 | | 0-2 | 900 |
| J6(5-6) | VOC | Benzene | ug/kg | 0.6 | 2240 | | 5-6 | 110 |
| J6(5-6) | VOC | Dichlorobenzene, 1,2- | ug/kg | 79 | 26300 | | 5-6 | 110 |
| J6(5-6) | VOC | Dichlorobenzene, 1,4- | ug/kg | 85 | 4840 | | 5-6 | 110 |
| J6(5-6) | VOC | Ethylbenzene | ug/kg | 55 | 143 | | 5-6 | 110 |
| J6(5-6) | VOC | Tetrachloroethene | ug/kg | 14 | 292 | | 5-6 | 110 |
| J6(5-6) | VOC | Toluene | ug/kg | 15 | 242 | | 5-6 | 110 |
| J6(5-6) | VOC | Total VOCs | ug/kg | 10000 | 54214 | | 5-6 | 110 |
| J6(5-6) | VOC | Trichloroethylene | ug/kg | 7 | 57.2 | | 5-6 | 110 |
| J6(5-6) | VOC | Xylenes, total | ug/kg | 12 | 20100 | | 5-6 | 110 |
| E8(3-4) | VOC | Benzene | ug/kg | 0.6 | 4.63 | | 3-4 | 0 |
| E8(3-4) | VOC | Xylenes, total | ug/kg | 12 | 14.14 | | 3-4 | 0 |
| F1(3-4) | VOC | Benzene | ug/kg | 0.6 | 1.74 | | 3-4 | 0 |
| H-5(3-4) | TCL VOC | Methylene chloride | ug/kg | 1 | 17.4 | | 3-4 | 30.1 |
| B-6(3-4) | TCL VOC | Methylene chloride | ug/kg | 1 | 30 | | 3-4 | 0 |
| N5-1(1-2) | TCL VOC | Methylene chloride | ug/kg | 1 | 82.2 | | 1-2 | 0 |
| N5-1(1-2) | TCL VOC | Trichloroethylene | ug/kg | 7 | 17.1 | | 1-2 | 0 |
| N5-1(1-2) | TCL BNA | Di-n-butyl phthalate | ug/kg | 81 | 213 | J | 1-2 | 0 |
| IBS-1 | TCL VOC | Methylene chloride | ug/kg | 1 | 7.76 | | 4-5 | 0 |
| IBS-2 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.8 | J | 3.5-4 | 0 |
| IBS-3 | TCL VOC | Methylene chloride | ug/kg | 1 | 4.52 | J | 2-3 | 0 |
| IBS-4 | TCL VOC | Methylene chloride | ug/kg | 1 | 10.1 | | 2-3 | 0 |
| 17-SS-01 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.47 | J | 2.5-3.5 | 52 |
| 17-SS-01 | TCL BNA | p-Chloro-m-cresol | ug/kg | 2.4 | 78.7 | J | 2.5-3.5 | 52 |
| 17-SS-02 | TCL VOC | Methylene chloride | ug/kg | 1 | 8.02 | | 3-4 | 0.6 |

**TABLE 4-4**
**Subsurface Soil TAGM-4046 Exceedances**

| Sample Number | Analysis | Compound | Units | RCO | Reported Detection | Q | Depth (ft bgs) | PID (ppm) |
|---|---|---|---|---|---|---|---|---|
| 17-SS-03 | TCL VOC | Methylene chloride | ug/kg | 1 | 48.5 | | 1-2 | 1.2 |
| 17-SS-03 | TCL VOC | Trichloroethylene | ug/kg | 7 | 175 | | 1-2 | 1.2 |
| 17-SS-04 | TCL VOC | Methylene chloride | ug/kg | 1 | 31.5 | J | 0.5-1.5 | 1.6 |
| 17-SS-04 | TCL VOC | Trichloroethylene | ug/kg | 7 | 99.7 | | 0.5-1.5 | 1.6 |
| 17-SS-04 | TCL BNA | p-Chloro-m-cresol | ug/kg | 2.4 | 84.5 | J | 0.5-1.5 | 1.6 |
| 17-SS-05 | TCL VOC | Methylene chloride | ug/kg | 1 | 7.49 | | 3.5-4.5 | 0 |
| 17-SS-06 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.73 | J | 3.5-4 | 0 |
| 17-SS-07 | TCL VOC | Ethylbenzene | ug/kg | 55 | 2740 | | 3.5-4 | 1315 |
| 17-SS-07 | TCL VOC | Methylene chloride | ug/kg | 1 | 6710 | | 3.5-4 | 1315 |
| 17-SS-07 | TCL VOC | Naphthalene | ug/kg | 130 | 25000 | | 3.5-4 | 1315 |
| 17-SS-07 | TCL VOC | Trichloroethylene | ug/kg | 7 | 1090 | J | 3.5-4 | 1315 |
| 17-SS-07 | TCL VOC | Xylenes, total | ug/kg | 12 | 21200 | | 3.5-4 | 1315 |
| 17-SS-07 | TCL VOC | Total VOCs | ug/kg | 10000 | 157940 | | 3.5-4 | 1315 |
| 17-SS-07 | TCL BNA | Acenaphthene | ug/kg | 900 | 1120 | J | 3.5-4 | 1315 |
| 17-SS-07 | TCL BNA | Dibenzofuran | ug/kg | 62 | 947 | J | 3.5-4 | 1315 |
| 17-SS-07 | TCL BNA | Methylnaphthalene, 2- | ug/kg | 364 | 25600 | | 3.5-4 | 1315 |
| 17-SS-07 | TCL BNA | Naphthalene | ug/kg | 130 | 15700 | | 3.5-4 | 1315 |
| 17-SS-07 | TCL BNA | Phenanthrene | ug/kg | 2200 | 4010 | | 3.5-4 | 1315 |
| 17-SS-08 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.22 | J | 3-4 | 0 |
| 17-SS-09 | TCL VOC | Methylene chloride | ug/kg | 1 | 4.49 | J | 3-4 | 0 |
| 17-SS-10 | TCL VOC | Methylene chloride | ug/kg | 1 | 4.88 | J | 3.5-4 | 0 |
| 17-SS-11 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.56 | J | 3-4 | 0 |
| 17-SS-12 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.63 | J | 3-4 | 0 |
| 17-SS-13 | TCL VOC | Methylene chloride | ug/kg | 1 | 3.11 | J | 3-4 | 0 |
| 17-SS-14 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.86 | J | 1-2 | 0.9 |
| 17-SS-15 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.84 | J | 3-4 | 0 |
| 17-SS-16 | TCL VOC | Methylene chloride | ug/kg | 1 | 40.6 | | 1-2 | 1.8 |
| 17-SS-17 | TCL VOC | Methylene chloride | ug/kg | 1 | 9.81 | | 0-1 | 0.8 |
| 17-SS-17 | TCL BNA | Benzo(a)anthracene | ug/kg | 30 | 290 | J | 0-1 | 0.8 |

**TABLE 4-4**
**Subsurface Soil TAGM-4046 Exceedances**

| Sample Number | Analysis | Compound | Units | RCO | Reported Detection | Q | Depth (ft bgs) | PID (ppm) |
|---|---|---|---|---|---|---|---|---|
| 17-SS-17 | TCL BNA | Benzo(a)pyrene | ug/kg | 61 | 241 | J | 0-1 | 0.8 |
| 17-SS-17 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 11 | 233 | J | 0-1 | 0.8 |
| 17-SS-17 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 11 | 242 | J | 0-1 | 0.8 |
| 17-SS-17 | TCL BNA | Chrysene | ug/kg | 4 | 337 | J | 0-1 | 0.8 |
| 17-SS-17 | TCL BNA | Indeno(1,2,3-cd)pyrene | ug/kg | 32 | 142 | J | 0-1 | 0.8 |
| 17-SS-18 | TCL VOC | Methylene chloride | ug/kg | 1 | 3.91 | J | 3-4 | 0.3 |
| 17-SS-19 | TCL VOC | Methylene chloride | ug/kg | 1 | 3.25 | J | 3-4 | 0.5 |
| 17-SS-20 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.27 | J | 3-4 | 0.3 |
| 17-SS-21 | TCL VOC | Methylene chloride | ug/kg | 1 | 1.32 | J | 3-4 | 20.2 |
| 17-SS-22 | TCL VOC | Methylene chloride | ug/kg | 1 | 1.59 | J | 2-3 | 64.7 |
| 17-SS-22 | TCL BNA | Di-n-butyl phthalate | ug/kg | 81 | 99.6 | J | 2-3 | 64.7 |
| 17-SS-23 | TCL VOC | Methylene chloride | ug/kg | 1 | 25.6 | | 1-2 | 40 |
| 17-SS-23 | TCL BNA | Naphthalene | ug/kg | 130 | 324 | J | 1-2 | 40 |
| 17-SS-24 | TCL VOC | Methylene chloride | ug/kg | 1 | 19.6 | J | 1.5-2.5 | 9 |
| 17-SS-24 | TCL VOC | Trichloroethylene | ug/kg | 7 | 11.5 | | 1.5-2.5 | 9 |
| 17-SS-25 | TCL VOC | Methylene chloride | ug/kg | 1 | 4.48 | J | 1-2 | 6 |
| 17-SS-26 | TCL VOC | Methylene chloride | ug/kg | 1 | 1.86 | J | 1-2 | 0.1 |
| 17-SS-27 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.99 | J | 1-2 | 2.5 |
| 17-SS-28 | TCL VOC | Methylene chloride | ug/kg | 1 | 17.8 | | 1-2 | 1.4 |
| 17-SS-29 | TCL VOC | Methylene chloride | ug/kg | 1 | 62.9 | | 0.5-2 | 20 |
| 17-SS-30 | TCL VOC | Methylene chloride | ug/kg | 1 | 14.8 | | 2-3 | 11 |
| 17-SS-31 | TCL VOC | Methylene chloride | ug/kg | 1 | 16.2 | | 2.5-3.5 | 57 |
| 17-SS-32 | TCL VOC | Methylene chloride | ug/kg | 1 | 2540 | J | 2.5-3.5 | 1260 |
| 17-SS-32 | TCL VOC | Naphthalene | ug/kg | 130 | 7470 | | 2.5-3.5 | 1260 |
| 17-SS-32 | TCL VOC | Trichloroethane, 1,1,1- | ug/kg | 7.6 | 622 | | 2.5-3.5 | 1260 |
| 17-SS-32 | TCL VOC | Trichloroethylene | ug/kg | 7 | 6730 | | 2.5-3.5 | 1260 |
| 17-SS-32 | TCL VOC | Xylenes, total | ug/kg | 12 | 13600 | | 2.5-3.5 | 1260 |
| 17-SS-32 | TCL VOC | Total VOCs | ug/kg | 10000 | 65562 | | 2.5-3.5 | 1260 |
| 17-SS-32 | TCL BNA | Methylnaphthalene, 2- | ug/kg | 364 | 5810 | | 2.5-3.5 | 1260 |

**TABLE 4-4**
**Subsurface Soil TAGM-4046 Exceedances**

| Sample Number | Analysis | Compound | Units | RCO | Reported Detection | Q | Depth (ft bgs) | PID (ppm) |
|---|---|---|---|---|---|---|---|---|
| 17-SS-32 | TCL BNA | Naphthalene | ug/kg | 130 | 4590 | | 2.5-3.5 | 1260 |
| 17-SS-33 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.53 | J | 3-4 | 0.1 |
| 17-SS-34 | TCL VOC | Methylene chloride | ug/kg | 1 | 12.3 | | 2.5-3.5 | 0.2 |
| 17-SS-35 | TCL VOC | Methylene chloride | ug/kg | 1 | 4.15 | J | 0.5-2 | 1 |
| 17-SS-36 | TCL VOC | Methylene chloride | ug/kg | 1 | 8.35 | | 0.5-2 | 0.9 |
| 17-SS-36 | TCL BNA | Di-n-butyl phthalate | ug/kg | 81 | 106 | J | 0.5-2 | 0.9 |
| 17-SS-37 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.76 | J | 3-4 | 0.1 |
| 17-SS-38 | TCL VOC | Methylene chloride | ug/kg | 1 | 7.97 | | 0.5-2 | 29 |
| 17-SS-38 | TCL BNA | Benzo(a)anthracene | ug/kg | 30 | 146 | J | 0.5-2 | 29 |
| 17-SS-38 | TCL BNA | Benzo(a)pyrene | ug/kg | 61 | 122 | J | 0.5-2 | 29 |
| 17-SS-38 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 11 | 121 | J | 0.5-2 | 29 |
| 17-SS-38 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 11 | 99.4 | J | 0.5-2 | 29 |
| 17-SS-38 | TCL BNA | Chrysene | ug/kg | 4 | 131 | J | 0.5-2 | 29 |
| 17-SS-38 | TCL BNA | Di-n-butyl phthalate | ug/kg | 81 | 112 | J | 0.5-2 | 29 |
| 17-SS-39 | TCL VOC | Methylene chloride | ug/kg | 1 | 1.87 | J | 3-4 | 0.4 |
| 17-SS-40 | TCL VOC | Methylene chloride | ug/kg | 1 | 4.96 | J | 0.5-2 | 5.8 |
| 17-SS-40 | TCL BNA | Benzo(a)anthracene | ug/kg | 30 | 178 | J | 0.5-2 | 5.8 |
| 17-SS-40 | TCL BNA | Benzo(a)pyrene | ug/kg | 61 | 152 | J | 0.5-2 | 5.8 |
| 17-SS-40 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 11 | 158 | J | 0.5-2 | 5.8 |
| 17-SS-40 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 11 | 147 | J | 0.5-2 | 5.8 |
| 17-SS-40 | TCL BNA | Chrysene | ug/kg | 4 | 190 | J | 0.5-2 | 5.8 |
| 17-SS-40 | TCL BNA | Indeno(1,2,3-cd)pyrene | ug/kg | 32 | 101 | J | 0.5-2 | 5.8 |
| 17-SS-41 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.48 | J | 0.5-2 | 1.5 |
| 17-SS-42 | TCL VOC | Methylene chloride | ug/kg | 1 | 4.33 | J | 0.5-2 | 3.7 |
| 17-SS-43 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.27 | J | 3-4 | 0 |
| 17-SS-44 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.31 | J | 3-4 | 0 |
| 17-SS-45 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.25 | J | 3-4 | 0 |
| 17-SS-46 | TCL VOC | Methylene chloride | ug/kg | 1 | 3.64 | J | 3-4 | 0 |
| 17-SS-47 | TCL VOC | Dichlorobenzene, 1,2- | ug/kg | 79 | 107 | | 3-4 | 0 |

**TABLE 4-4**
**Subsurface Soil TAGM-4046 Exceedances**

| Sample Number | Analysis | Compound | Units | RCO | Reported Detection | Q | Depth (ft bgs) | PID (ppm) |
|---|---|---|---|---|---|---|---|---|
| 17-SS-47 | TCL VOC | Methylene chloride | ug/kg | 1 | 12.6 | | 3-4 | 0 |
| 17-SS-47 | TCL BNA | Dichlorobenzene, 1,2- | ug/kg | 79 | 460 | | 3-4 | 0 |
| 17-SS-48 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.16 | J | 3-4 | 0 |
| 17-SS-49 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.24 | J | 3-4 | 0 |
| 17-SS-49 | TCL BNA | Benzo(a)anthracene | ug/kg | 30 | 106 | J | 3-4 | 0 |
| 17-SS-49 | TCL BNA | Benzo(a)pyrene | ug/kg | 61 | 93.8 | J | 3-4 | 0 |
| 17-SS-49 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 11 | 111 | J | 3-4 | 0 |
| 17-SS-49 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 11 | 89.7 | J | 3-4 | 0 |
| 17-SS-49 | TCL BNA | Chrysene | ug/kg | 4 | 111 | J | 3-4 | 0 |
| 17-SS-50 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.58 | J | 3-4 | 0 |
| 17-SS-50 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 11 | 42.4 | J | 3-4 | 0 |
| 17-SS-50 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 11 | 42.8 | J | 3-4 | 0 |
| 17-SS-51 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.58 | J | 3-4 | 0 |
| 17-SS-51 | TCL BNA | Benzo(a)anthracene | ug/kg | 30 | 107 | J | 3-4 | 0 |
| 17-SS-51 | TCL BNA | Benzo(a)pyrene | ug/kg | 61 | 82.6 | J | 3-4 | 0 |
| 17-SS-51 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 11 | 82.9 | J | 3-4 | 0 |
| 17-SS-51 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 11 | 70.3 | J | 3-4 | 0 |
| 17-SS-51 | TCL BNA | Chrysene | ug/kg | 4 | 120 | J | 3-4 | 0 |
| 17-SS-53 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.53 | J | 3-4 | 0 |
| 17-SS-54 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.3 | J | 3-4 | 0 |
| 17-SS-55 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.15 | J | 3-4 | 0 |
| 17-SS-56 | TCL VOC | Methylene chloride | ug/kg | 1 | 2.74 | J | 3-4 | 0 |
| 17-SS-57 | TCL VOC | Methylene chloride | ug/kg | 1 | 3.77 | J | 3-4 | 0 |
| 17-SS-59 | TCL VOC | Methylene chloride | ug/kg | 1 | 4.39 | J | 3-4 | 0 |
| 17-SS-60 | TCL VOC | Methylene chloride | ug/kg | 1 | 9.63 | | 3-4 | 0 |
| 17-SS-60 | TCL VOC | Trichloroethylene | ug/kg | 7 | 37.9 | | 3-4 | 0 |
| 17-SS-61 | TCL VOC | Methylene chloride | ug/kg | 1 | 4.73 | J | 2.5-4 | 21 |
| 17-SS-61 | TCL VOC | Trichloroethylene | ug/kg | 7 | 1100 | | 2.5-4 | 21 |
| 17-SS-64 | TCL VOC | Methylene chloride | ug/kg | 1 | 3.21 | J | 3-4 | 0 |
| 17-SS-65 | TCL VOC | Methylene chloride | ug/kg | 1 | 5.58 | | 3-4 | 0 |

**TABLE 4-4**
**Subsurface Soil TAGM-4046 Exceedances**

| Sample Number | Analysis | Compound | Units | RCO | Reported Detection | Q | Depth (ft bgs) | PID (ppm) |
|---|---|---|---|---|---|---|---|---|
| 17-SS-66 | TCL BNA | Benzo(a)anthracene | ug/kg | 30 | 43 | J | 1-3.5 | 6 |
| 17-SS-66 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 11 | 36.7 | J | 1-3.5 | 6 |
| 17-SS-66 | TCL BNA | Chrysene | ug/kg | 4 | 47.5 | J | 1-3.5 | 6 |
| 17-SS-67 | TCL BNA | Benzo(a)anthracene | ug/kg | 30 | 125 | J | 2-3.5 | 0 |
| 17-SS-67 | TCL BNA | Benzo(a)pyrene | ug/kg | 61 | 110 | J | 2-3.5 | 0 |
| 17-SS-67 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 11 | 106 | J | 2-3.5 | 0 |
| 17-SS-67 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 11 | 104 | J | 2-3.5 | 0 |
| 17-SS-67 | TCL BNA | Chrysene | ug/kg | 4 | 151 | J | 2-3.5 | 0 |
| 17-SS-67 | TCL BNA | Indeno(1,2,3-cd)pyrene | ug/kg | 32 | 64.2 | J | 2-3.5 | 0 |
| 17-SS-76B | TCL VOC | Butylbenzene, n- | ug/kg | 55 | 8000 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Butylbenzene, sec- | ug/kg | 55 | 180000 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Dichlorobenzene, 1,2- | ug/kg | 79 | 310000 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Dichlorobenzene, 1,3- | ug/kg | 15.5 | 110000 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Dichlorobenzene, 1,4- | ug/kg | 85 | 140000 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Ethylbenzene | ug/kg | 55 | 7800 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Isopropyltoluene, p- | ug/kg | 141 | 40000 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Naphthalene | ug/kg | 130 | 32000 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Propylbenzene, n- | ug/kg | 141 | 2100 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Trichlorobenzene, 1,2,4- | ug/kg | 34 | 9500 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Trimethylbenzene, 1,2,4- | ug/kg | 36 | 71000 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Trimethylbenzene, 1,3,5- | ug/kg | 36 | 34000 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Xylenes, total | ug/kg | 12 | 28100 | | 4-6 | 130 |
| 17-SS-76B | TCL VOC | Total VOCs | ug/kg | 10000 | 972500 | | 4-6 | 130 |
| 17-SS-78B | TCL VOC | Butylbenzene, n- | ug/kg | 55 | 1500 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Butylbenzene, sec- | ug/kg | 55 | 9600 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Butylbenzene, tert- | ug/kg | 55 | 390 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Chlorotoluene, 2- | ug/kg | 17 | 250 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Dichlorobenzene, 1,2- | ug/kg | 79 | 2600 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Dichlorobenzene, 1,3- | ug/kg | 15.5 | 1100 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Dichlorobenzene, 1,4- | ug/kg | 85 | 1600 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Isopropyltoluene, p- | ug/kg | 141 | 4200 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Naphthalene | ug/kg | 55 | 880 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Trichlorobenzene, 1,2,4- | ug/kg | 34 | 250 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Trichloroethylene | ug/kg | 7 | 810 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Trimethylbenzene, 1,3,5- | ug/kg | 36 | 2900 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Xylenes, total | ug/kg | 12 | 1400 | | 4-6 | 112 |
| 17-SS-78B | TCL VOC | Total VOCs | ug/kg | 10000 | 27480 | | 4-6 | 112 |
| 17-SS-87B | TCL VOC | Dichlorobenzene, 1,2- | ug/kg | 79 | 79 | | 2-4 | 1.2 |
| 17-SS-87B | TCL VOC | Trichloroethylene | ug/kg | 7 | 810 | | 2-4 | 1.2 |

**TABLE 4-4**
**Subsurface Soil TAGM-4046 Exceedances**

| Sample Number | Analysis | Compound | Units | RCO | Reported Detection | Q | Depth (ft bgs) | PID (ppm) |
|---|---|---|---|---|---|---|---|---|
| 17-SS-89B | TCL BNA | Benzo(a)anthracene | ug/kg | 30 | 410 | J | 2-4 | 0.2 |
| 17-SS-89B | TCL BNA | Benzo(a)pyrene | ug/kg | 110 | 370 | J | 2-4 | 0.2 |
| 17-SS-89B | TCL BNA | Benzo(b)fluoranthene | ug/kg | 11 | 340 | J | 2-4 | 0.2 |
| 17-SS-89B | TCL BNA | Benzo(k)fluoranthene | ug/kg | 11 | 370 | J | 2-4 | 0.2 |
| 17-SS-89B | TCL BNA | Chrysene | ug/kg | 4 | 430 | J | 2-4 | 0.2 |

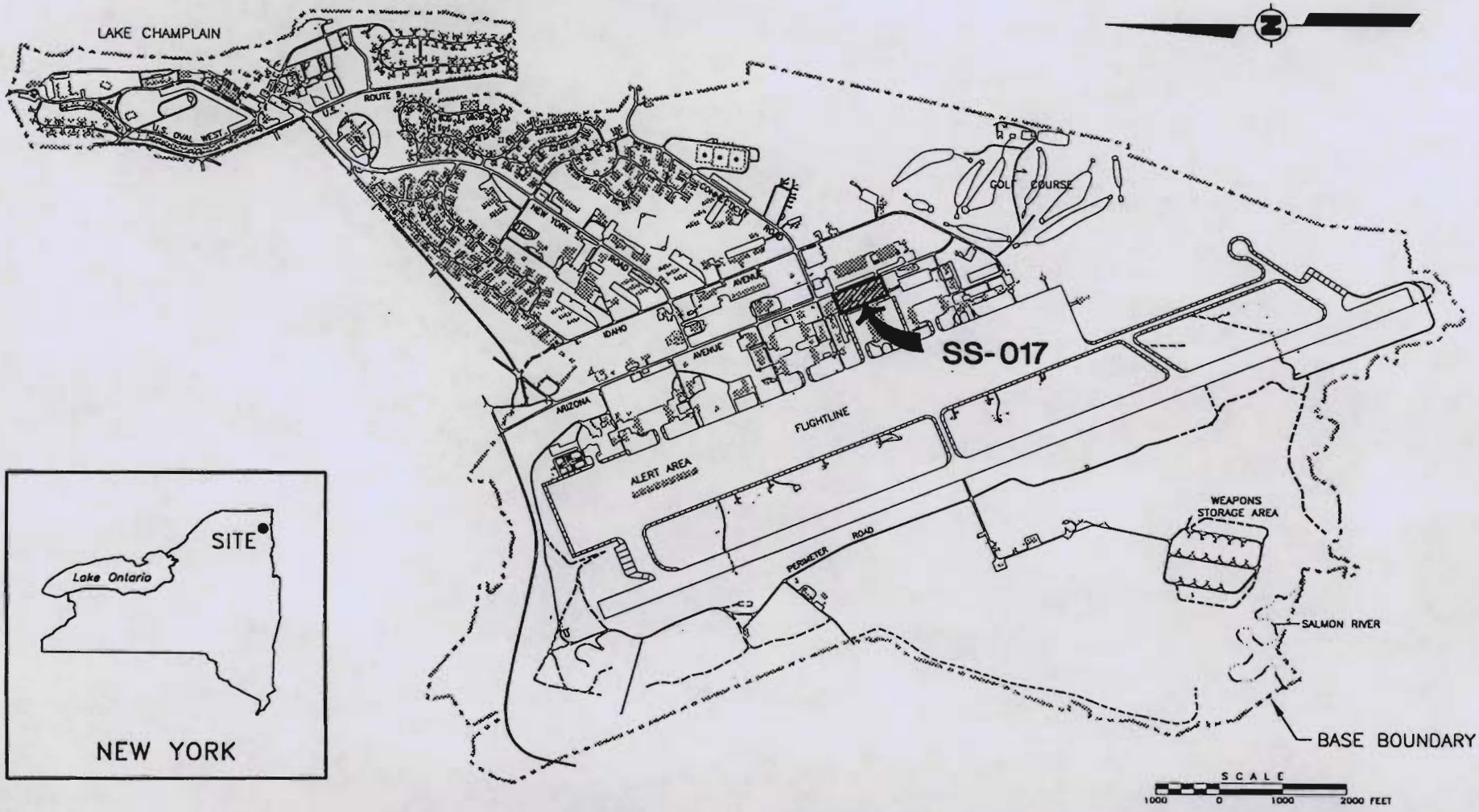
NOTES:
ug/kg = micrograms per kilogram
RCO = Recommended Cleanup Objective
Q = qualifier
ft bgs = feet below ground surface
PID = photoionization detector
ppm = parts per million
J = estimated value below practical quantitation limit

FIGURES

# *FIGURES*

Plot Scale: 1 = 1 revision 0

CAD File: 17257-A10




Legend

BASE BOUNDARY

OHM Remediation Services Corp.

OHM Project No. 17257

| Drawn By: | Checked By: | Approved By: |
|---|---|---|
| A. Smith | S.McGINN | D.PRINGLE |
| Date: | Scale: | Drawing No. |
| 4/10/97 | AS SHOWN | 17257-A10 |

FIGURE 1-1

SITE LOCATION MAP

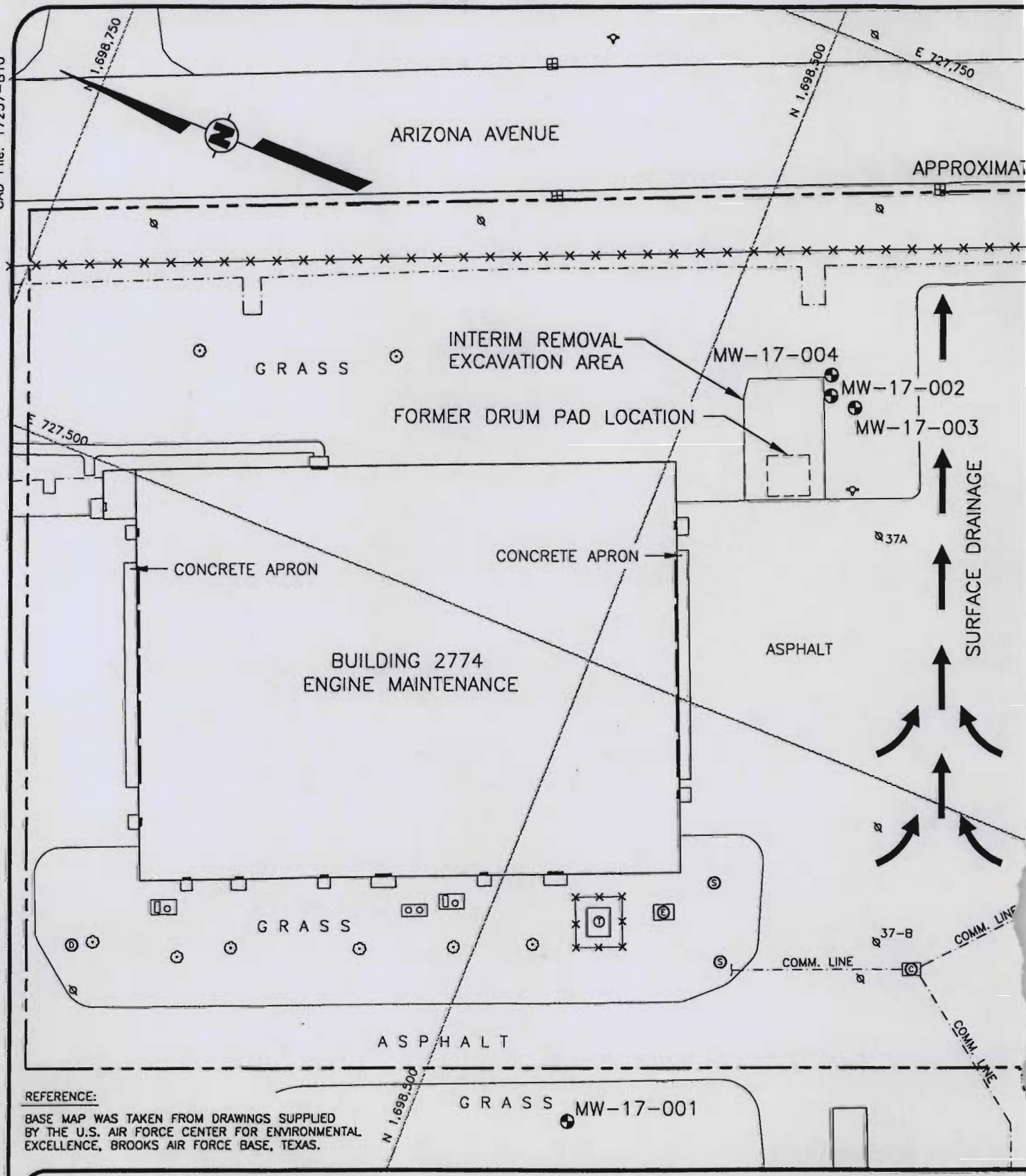
SPILL SITE 017 (SS-017)

PLATTSBURGH AIR FORCE BASE, NEW YORK

PREPARED FOR

AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE

BROOKS AIR FORCE BASE, TEXAS




REFERENCE:

BASE MAP WAS TAKEN FROM DRAWINGS SUPPLIED BY THE U.S. AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE, BROOKS AIR FORCE BASE, TEXAS.

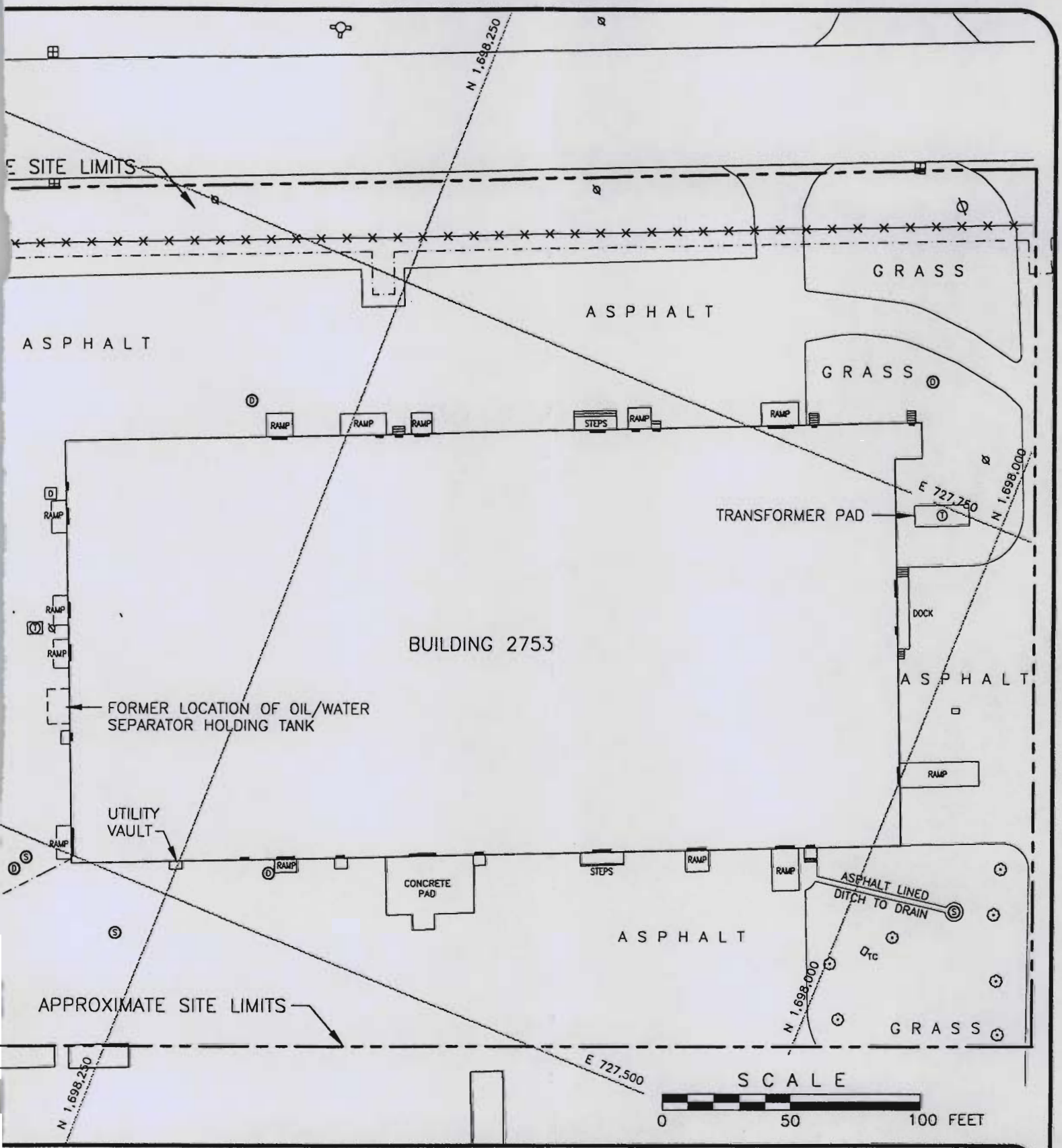
Legend

- SURFACE DRAINAGE
- MONITORING WELL (MW-17-001)
- FIRE HYDRANT LOCATION
- UTILITY POLE
- STORM DRAIN
- SEWER MANHOLE
- TRANSFORMER
- COMMUNICATION LINES
- DOOR
- TIME CAPSULE
- TREE
- CATCH BASIN

| No. | Revision/Issue |
|---|---|
| | |

CAD File: 17257-B10

Plot Scale: 1 = 1 revision 0

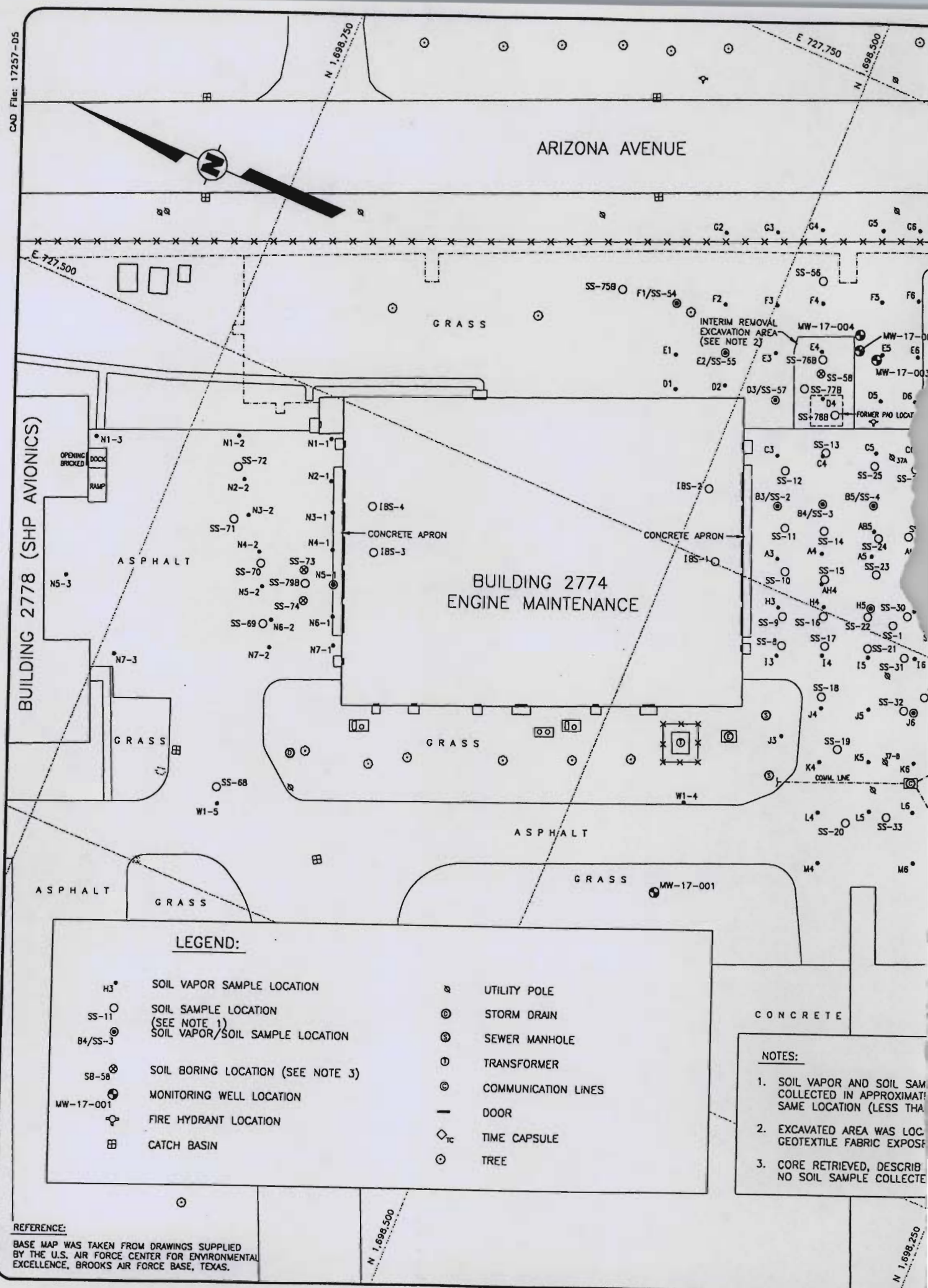


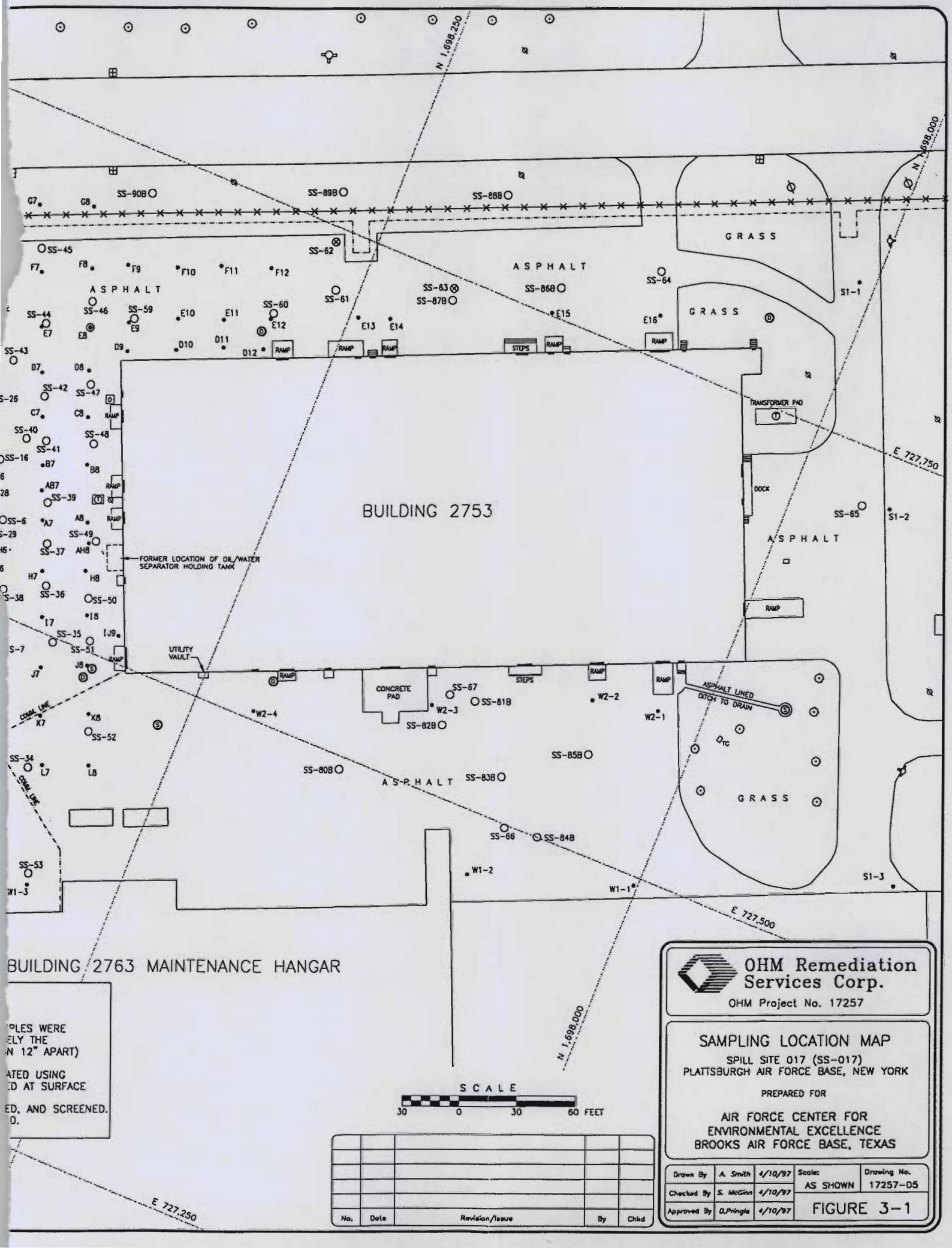

| | |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | Date |

**OHM Remediation Services Corp.**
OHM Project No. 17257

| Drawn By: | Checked By: | Approved By: |
|---|---|---|
| M. WARNICK | S. McGINN | D. PRINGLE |
| Date: | Scale: | Drawing No. |
| 4/10/97 | AS SHOWN | 17257-B10 |

FIGURE 1-2
SITE PLAN FOR SS-017
PLATTSBURGH AIR FORCE BASE, NEW YORK
PREPARED FOR
AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
BROOKS AIR FORCE BASE, TEXAS


CAD File: 17257-05
Plot Scale: 1 = 30
ARIZONA AVENUE
N 1,698,750
E 727,750
N 1,698,500
E 727,500
BUILDING 2778 (SHP AVIONICS)
BUILDING 2774
ENGINE MAINTENANCE
CONCRETE APRON
ASPHALT
GRASS
CONCRETE
INTERIM REMOVAL EXCAVATION AREA (SEE NOTE 2)
FORMER PAD LOCAT
COMM. LINE
OPENING BRICKED
DOCK
RAMP
MW-17-001
MW-17-004
LEGEND:
SOIL VAPOR SAMPLE LOCATION
SOIL SAMPLE LOCATION (SEE NOTE 1)
SOIL VAPOR/SOIL SAMPLE LOCATION
SOIL BORING LOCATION (SEE NOTE 3)
MONITORING WELL LOCATION
FIRE HYDRANT LOCATION
CATCH BASIN
UTILITY POLE
STORM DRAIN
SEWER MANHOLE
TRANSFORMER
COMMUNICATION LINES
DOOR
TIME CAPSULE
TREE
NOTES:
1. SOIL VAPOR AND SOIL SAM
COLLECTED IN APPROXIMAT
SAME LOCATION (LESS THA
2. EXCAVATED AREA WAS LOC
GEOTEXTILE FABRIC EXPOSE
3. CORE RETRIEVED, DESCRIB
NO SOIL SAMPLE COLLECTE
REFERENCE:
BASE MAP WAS TAKEN FROM DRAWINGS SUPPLIED BY THE U.S. AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE, BROOKS AIR FORCE BASE, TEXAS.

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N 12" APART)

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D AT SURFACE

ED, AND SCREENED.
D.

| No. | Date | Revision/Issue | By | Chkd |
|---|---|---|---|---|
| | | | | |

OHM Remediation Services Corp.

OHM Project No. 17257

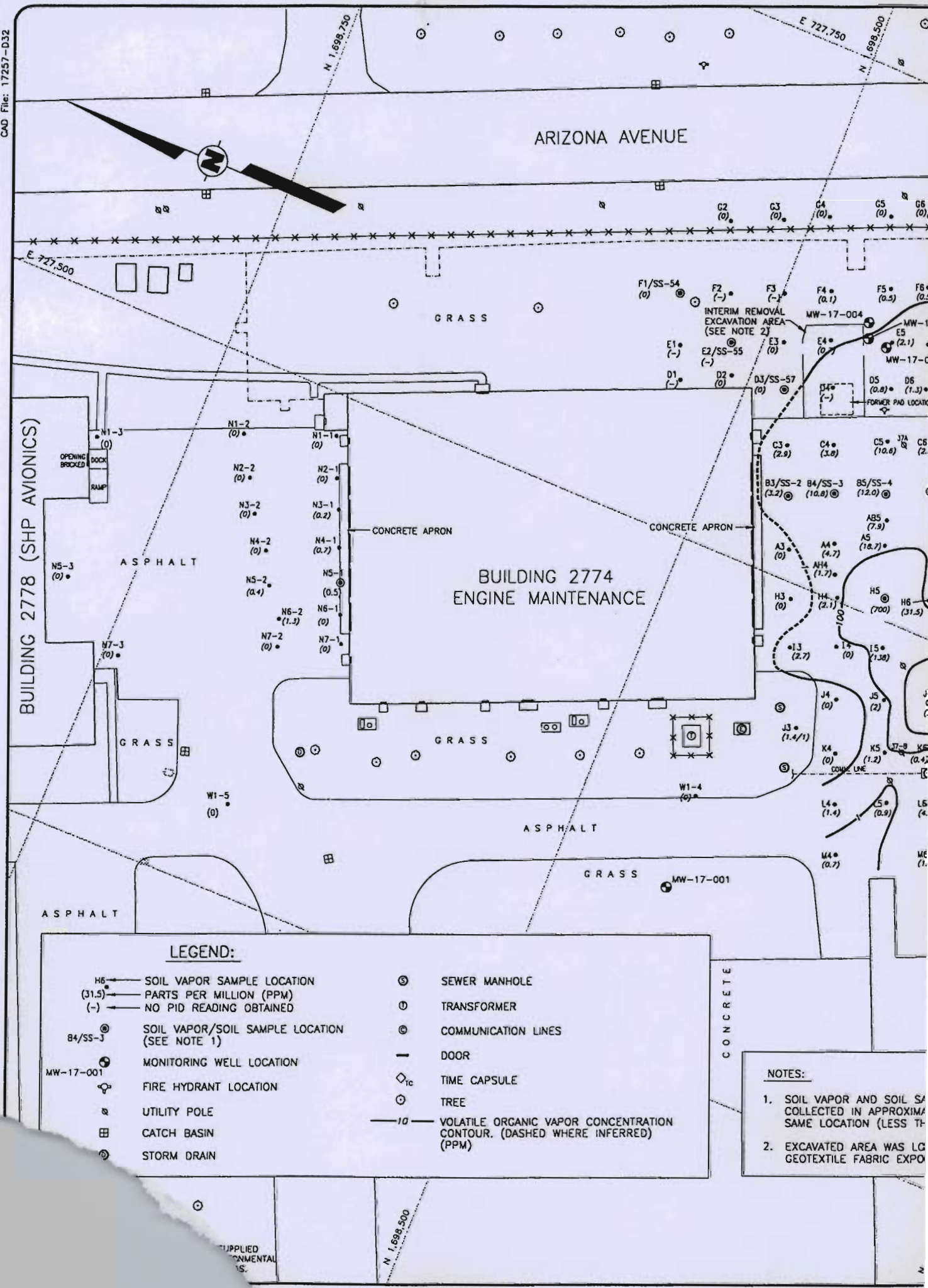
# SAMPLING LOCATION MAP

SPILL SITE 017 (SS-017)
PLATTSBURGH AIR FORCE BASE, NEW YORK

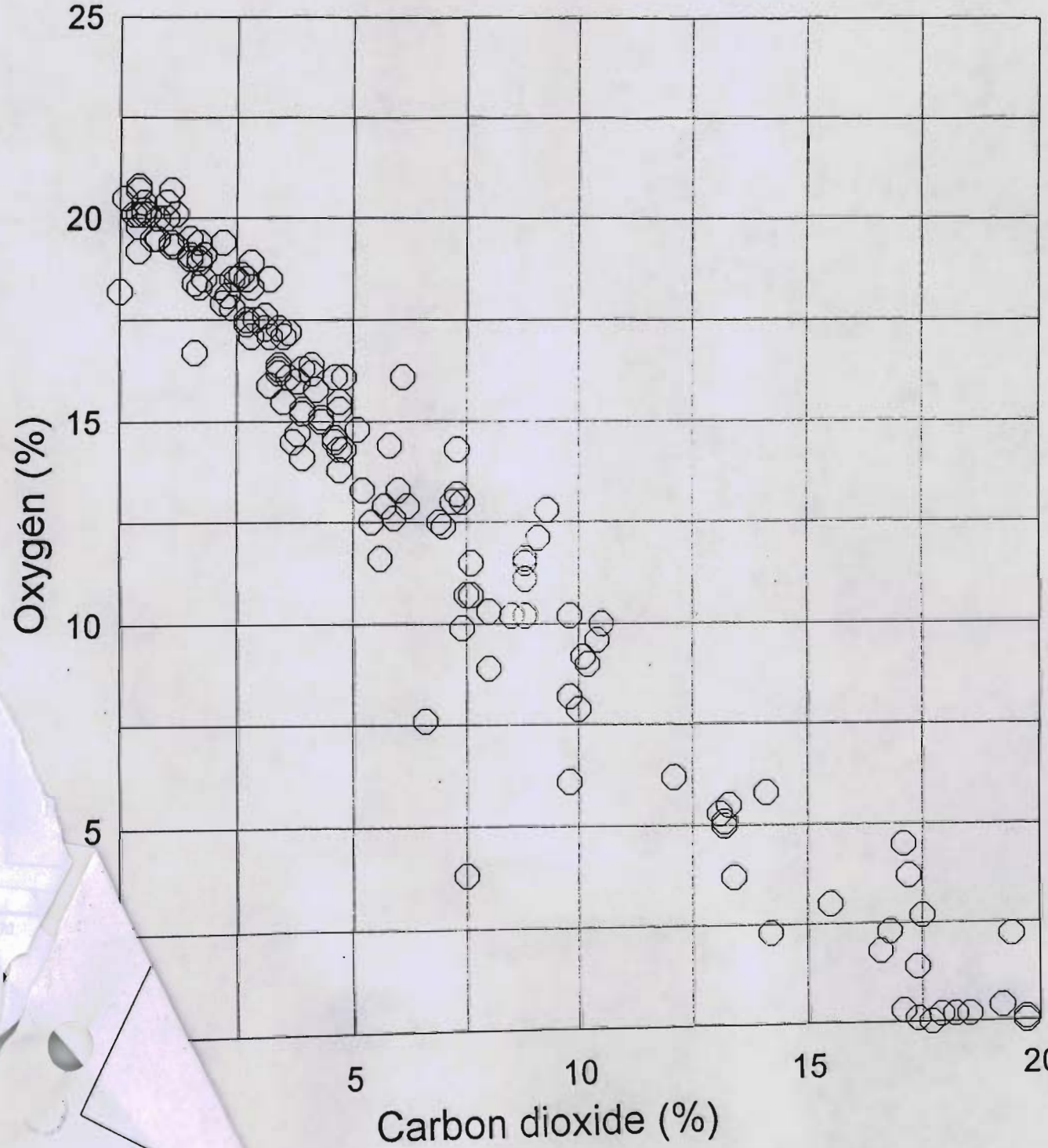
PREPARED FOR

AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
BROOKS AIR FORCE BASE, TEXAS

| | | | | |
|---|---|---|---|---|
| Drawn By | A. Smith | 4/10/97 | Scale: AS SHOWN | Drawing No. 17257-05 |
| Checked By | S. McGinn | 4/10/97 | | |
| Approved By | D.Pringle | 4/10/97 | FIGURE 3-1 | |


CAD File: 17257-D32
ARIZONA AVENUE
N 1,698,750
E 727,750
N 1,698,500
E 727,500
GRASS
INTERIM REMOVAL EXCAVATION AREA (SEE NOTE 2)
MW-17-004
FORMER PAD LOCATION
BUILDING 2778 (SHP AVIONICS)
OPENING BRICKED
DOCK
RAMP
CONCRETE APRON
CONCRETE APRON
BUILDING 2774
ENGINE MAINTENANCE
ASPHALT
ASPHALT
ASPHALT
ASPHALT
GRASS
GRASS
GRASS
GRASS
MW-17-001
CONCRETE
COMM. LINE
LEGEND:
SOIL VAPOR SAMPLE LOCATION
PARTS PER MILLION (PPM)
NO PID READING OBTAINED
SOIL VAPOR/SOIL SAMPLE LOCATION (SEE NOTE 1)
MONITORING WELL LOCATION
FIRE HYDRANT LOCATION
UTILITY POLE
CATCH BASIN
STORM DRAIN
SEWER MANHOLE
TRANSFORMER
COMMUNICATION LINES
DOOR
TIME CAPSULE
TREE
VOLATILE ORGANIC VAPOR CONCENTRATION CONTOUR. (DASHED WHERE INFERRED) (PPM)
NOTES:
1. SOIL VAPOR AND SOIL SA
COLLECTED IN APPROXIMA
SAME LOCATION (LESS TH
2. EXCAVATED AREA WAS LC
GEOTEXTILE FABRIC EXPO

## Figure 4-2: Plot of CO2/O2 Percentages

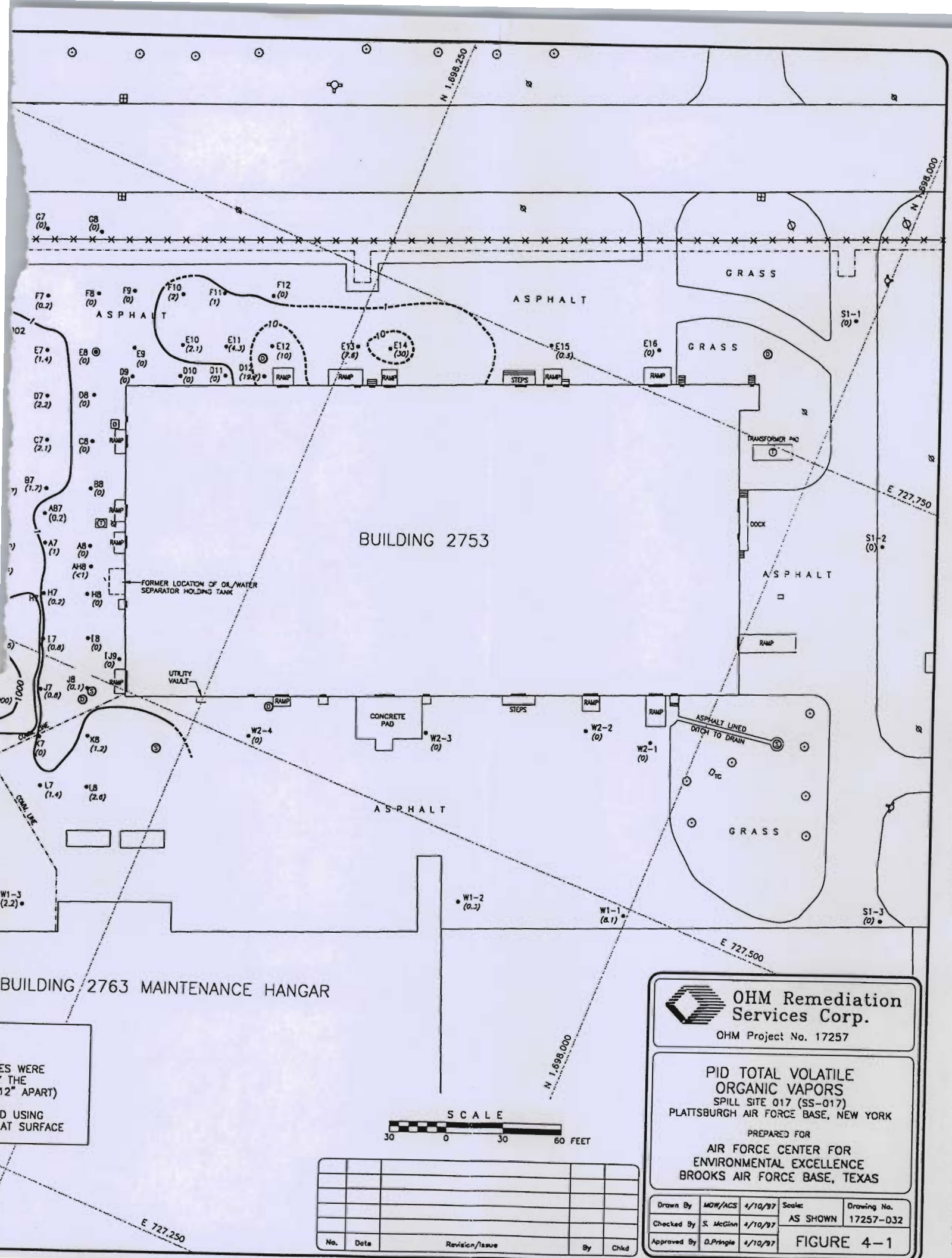



The plotted data is presented in Table 4-1

17257\17SG-FS.WK4



04/09/97




ES WERE
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12" APART)

D USING
AT SURFACE

| No. | Date | Revision/Issue | By | Chkd |
|---|---|---|---|---|
| | | | | |

OHM Remediation Services Corp.

OHM Project No. 17257

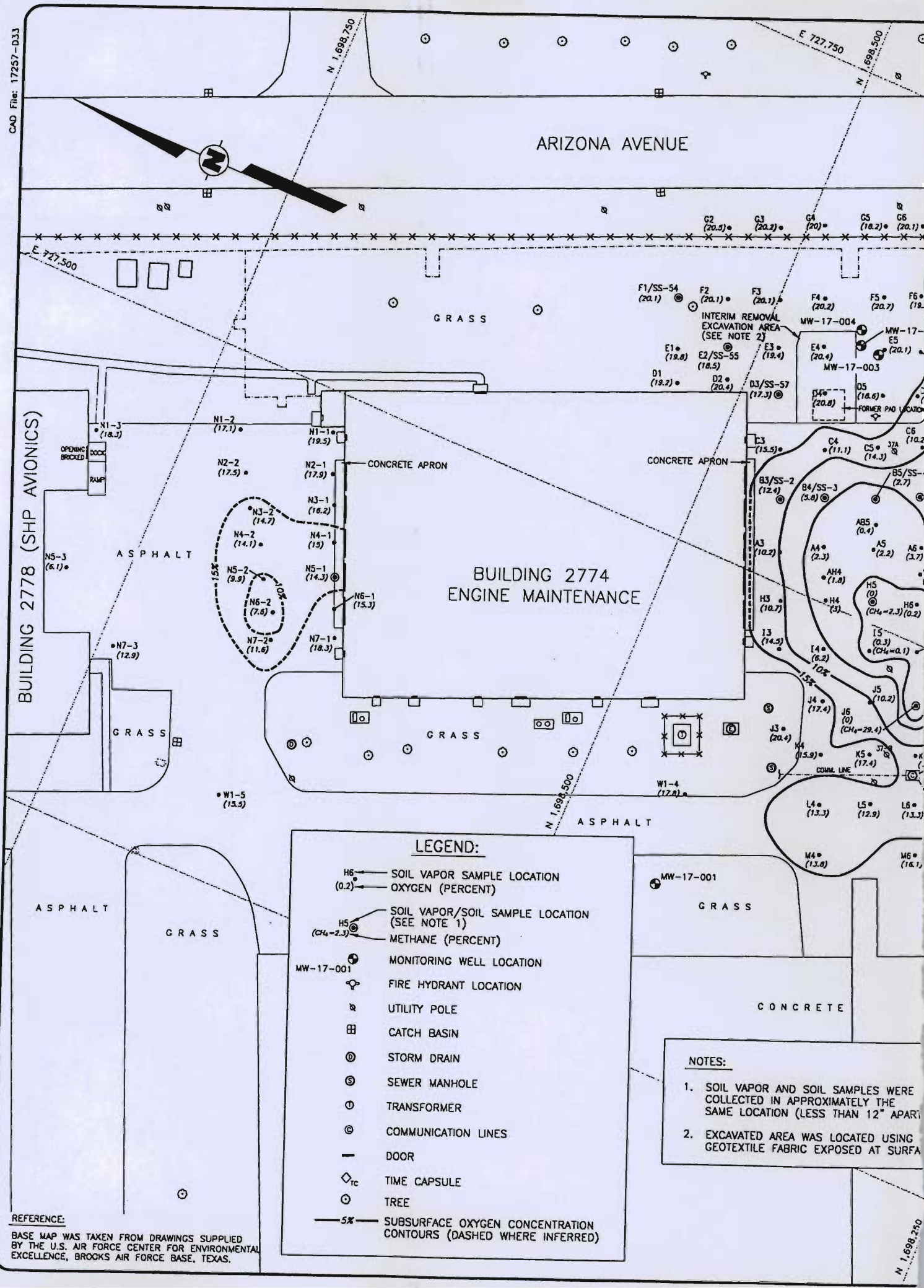
# PID TOTAL VOLATILE ORGANIC VAPORS

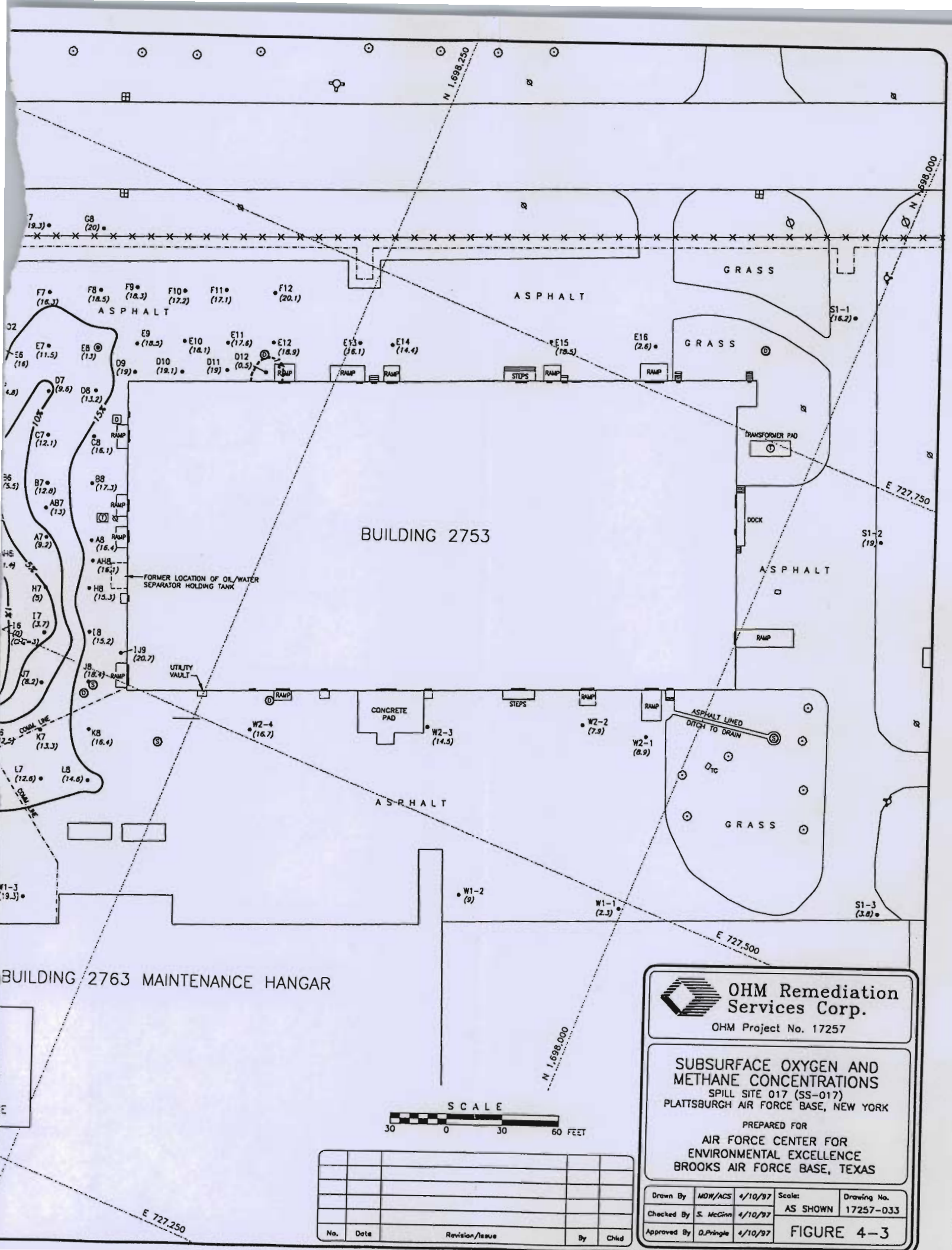
SPILL SITE 017 (SS-017)
PLATTSBURGH AIR FORCE BASE, NEW YORK

PREPARED FOR

AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
BROOKS AIR FORCE BASE, TEXAS

| | | | | |
|---|---|---|---|---|
| Drawn By | MDW/ACS | 4/10/97 | Scale: AS SHOWN | Drawing No. 17257-D32 |
| Checked By | S. McGinn | 4/10/97 | | |
| Approved By | D.Pringle | 4/10/97 | FIGURE 4-1 | |


CAD File: 17257-D33
ARIZONA AVENUE
N 1,698,750
E 727,750
N 1,698,500
E 727,500
BUILDING 2778 (SHP AVIONICS)
BUILDING 2774
ENGINE MAINTENANCE
CONCRETE APRON
CONCRETE APRON
INTERIM REMOVAL
EXCAVATION AREA
(SEE NOTE 2)
FORMER PAD LOCATION
OPENING BRICKED
DOOR
RAMP
ASPHALT
GRASS
CONCRETE
COAXIAL LINE
15%
10%
LEGEND:
SOIL VAPOR SAMPLE LOCATION
OXYGEN (PERCENT)
SOIL VAPOR/SOIL SAMPLE LOCATION (SEE NOTE 1)
METHANE (PERCENT)
MONITORING WELL LOCATION
FIRE HYDRANT LOCATION
UTILITY POLE
CATCH BASIN
STORM DRAIN
SEWER MANHOLE
TRANSFORMER
COMMUNICATION LINES
DOOR
TIME CAPSULE
TREE
SUBSURFACE OXYGEN CONCENTRATION CONTOURS (DASHED WHERE INFERRED)
NOTES:
1. SOIL VAPOR AND SOIL SAMPLES WERE COLLECTED IN APPROXIMATELY THE SAME LOCATION (LESS THAN 12" APART
2. EXCAVATED AREA WAS LOCATED USING GEOTEXTILE FABRIC EXPOSED AT SURFA
REFERENCE:
BASE MAP WAS TAXEN FROM DRAWINGS SUPPLIED BY THE U.S. AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE, BROOKS AIR FORCE BASE, TEXAS.
Plot Scale: 1 = 30
N 1,698,250




OHM Remediation Services Corp.

OHM Project No. 17257

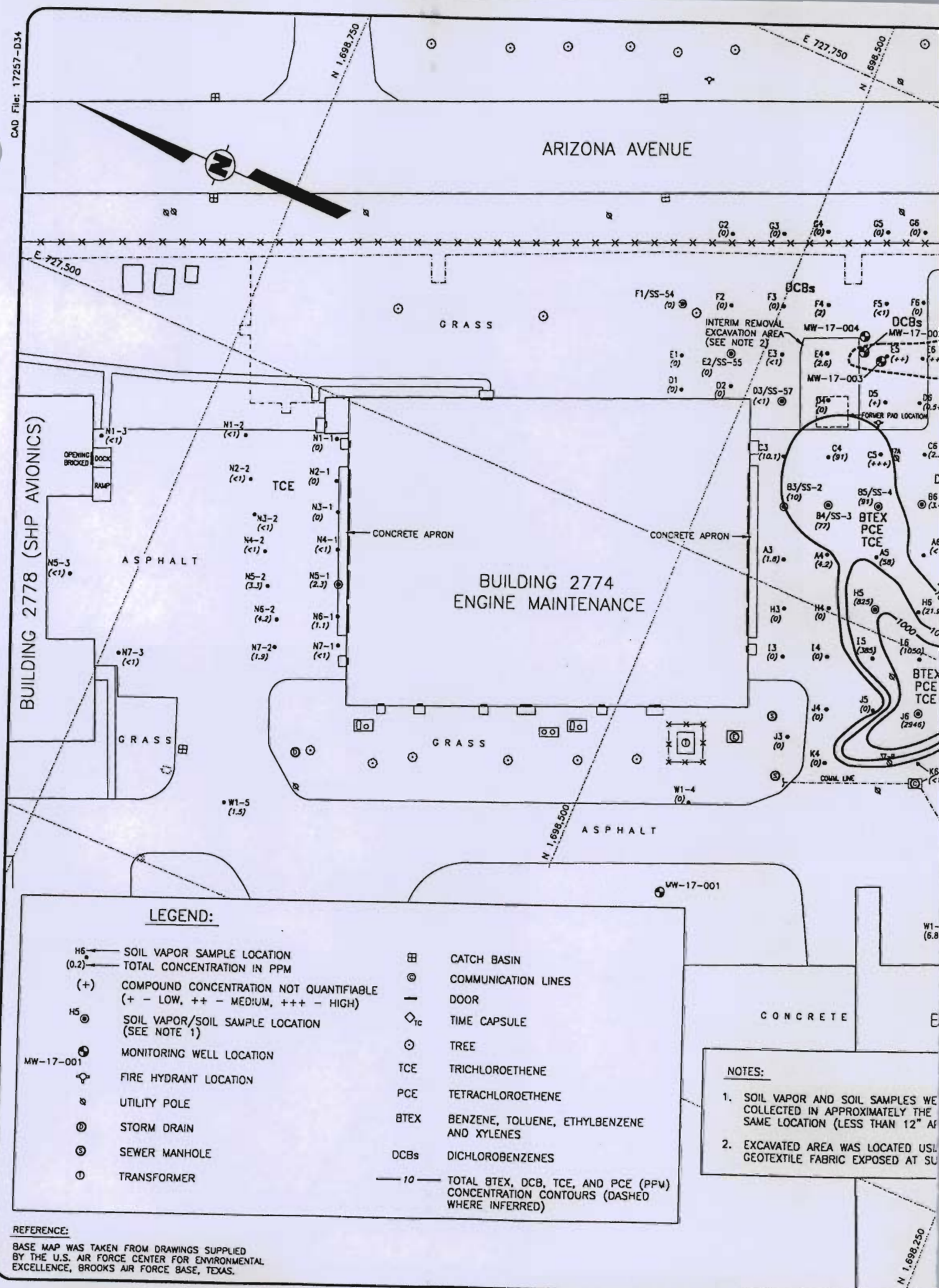
# SUBSURFACE OXYGEN AND METHANE CONCENTRATIONS

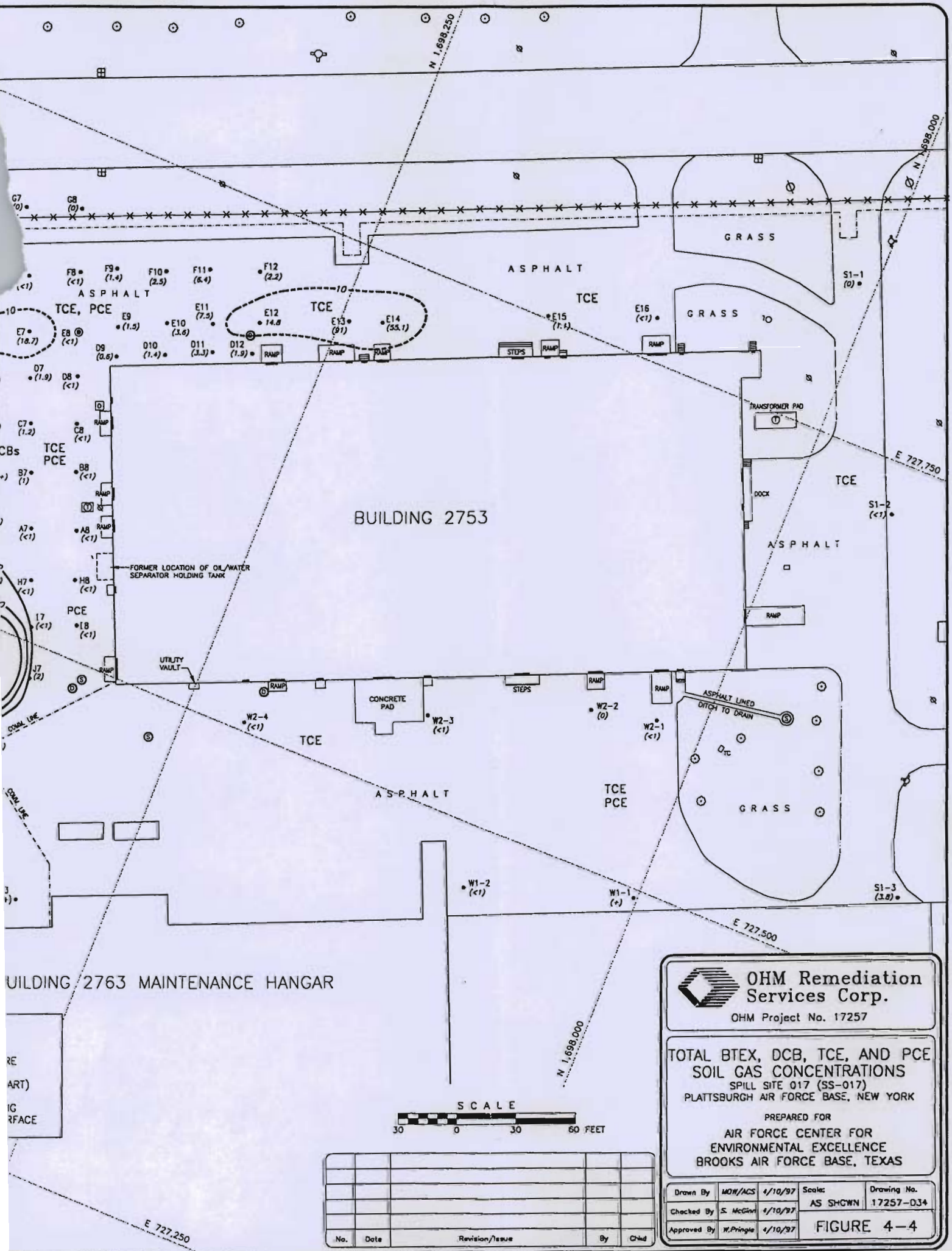
SPILL SITE 017 (SS-017)
PLATTSBURGH AIR FORCE BASE, NEW YORK

PREPARED FOR
AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
BROOKS AIR FORCE BASE, TEXAS

| | | | | |
|---|---|---|---|---|
| Drawn By | MDW/ACS | 4/10/97 | Scale: AS SHOWN | Drawing No. 17257-033 |
| Checked By | S. McGinn | 4/10/97 | | |
| Approved By | D.Pringle | 4/10/97 | | FIGURE 4-3 |

| No. | Date | Revision/Issue | By | Chkd |
|---|---|---|---|---|
| | | | | |


CAD File: 17257-D34
ARIZONA AVENUE
N 1,698,750
E 727,750
N 1,698,500
E 727,500
GRASS
DCBs
INTERIM REMOVAL EXCAVATION AREA (SEE NOTE 2)
MW-17-004
MW-17-003
F1/SS-54
F2/SS-55
D3/SS-57
FORMER PAD LOCATION
BUILDING 2778 (SHP AVIONICS)
OPENING BRICKED
DOCK
RAMP
TCE
CONCRETE APRON
ASPHALT
BUILDING 2774
ENGINE MAINTENANCE
B3/SS-2
B5/SS-4
B4/SS-3
BTEX
PCE
TCE
1000
COAL LINE
W1-5
W1-4
MW-17-001
CONCRETE
LEGEND:
H6 — SOIL VAPOR SAMPLE LOCATION
(0.2) — TOTAL CONCENTRATION IN PPM
(+) COMPOUND CONCENTRATION NOT QUANTIFIABLE (+ – LOW, ++ – MEDIUM, +++ – HIGH)
H5 SOIL VAPOR/SOIL SAMPLE LOCATION (SEE NOTE 1)
MW-17-001 MONITORING WELL LOCATION
FIRE HYDRANT LOCATION
UTILITY POLE
STORM DRAIN
SEWER MANHOLE
TRANSFORMER
CATCH BASIN
COMMUNICATION LINES
DOOR
TC TIME CAPSULE
TREE
TCE TRICHLOROETHENE
PCE TETRACHLOROETHENE
BTEX BENZENE, TOLUENE, ETHYLBENZENE AND XYLENES
DCBs DICHLOROBENZENES
10 TOTAL BTEX, DCB, TCE, AND PCE (PPM) CONCENTRATION CONTOURS (DASHED WHERE INFERRED)
NOTES:
1. SOIL VAPOR AND SOIL SAMPLES WE COLLECTED IN APPROXIMATELY THE SAME LOCATION (LESS THAN 12" AP
2. EXCAVATED AREA WAS LOCATED USI GEOTEXTILE FABRIC EXPOSED AT SU
REFERENCE:
BASE MAP WAS TAKEN FROM DRAWINGS SUPPLIED BY THE U.S. AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE, BROOKS AIR FORCE BASE, TEXAS.
Plot Scale: 1 = 30
N 1,698,250




OHM Remediation Services Corp.

OHM Project No. 17257

# TOTAL BTEX, DCB, TCE, AND PCE SOIL GAS CONCENTRATIONS

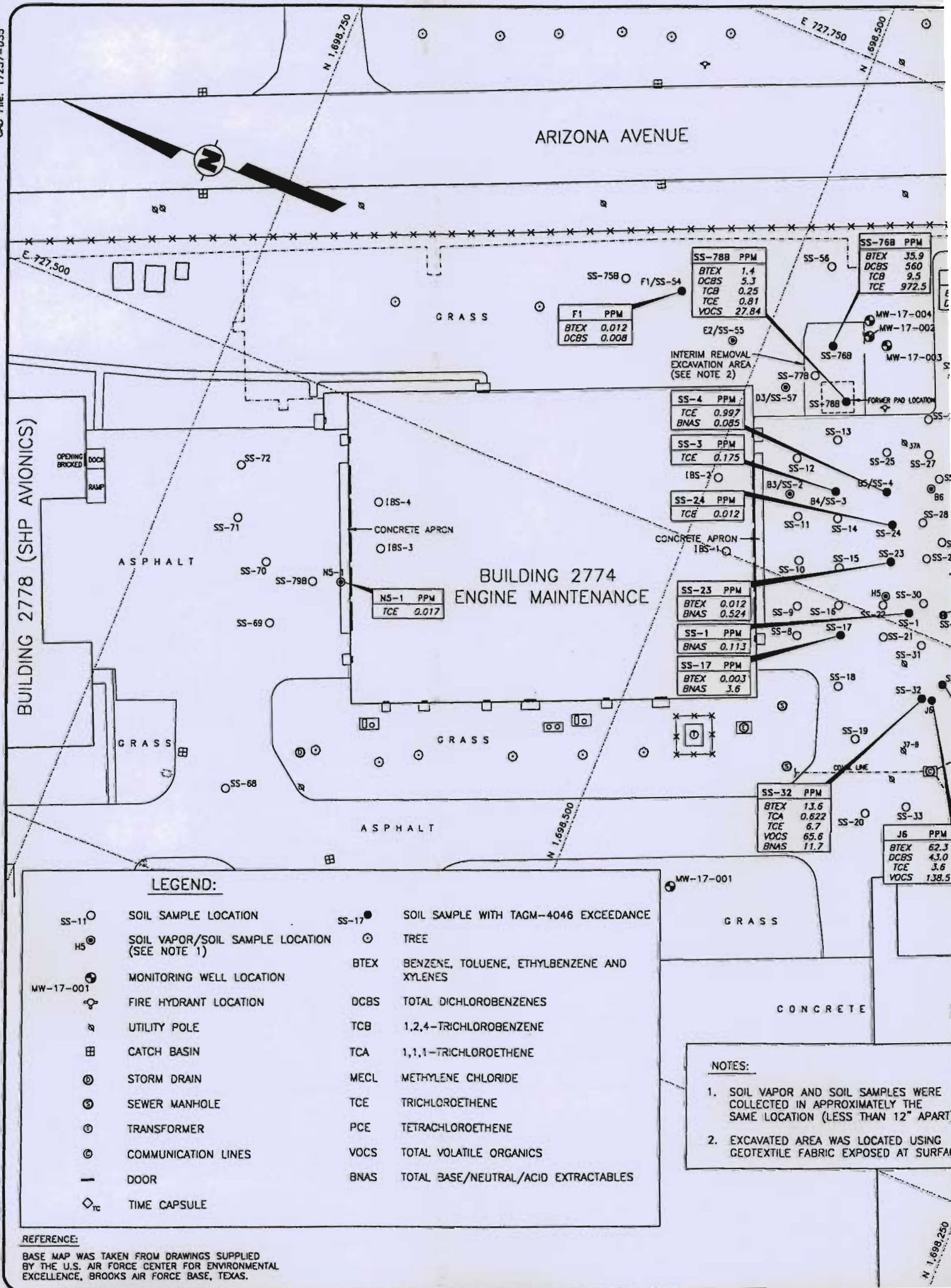
SPILL SITE 017 (SS-017)
PLATTSBURGH AIR FORCE BASE, NEW YORK

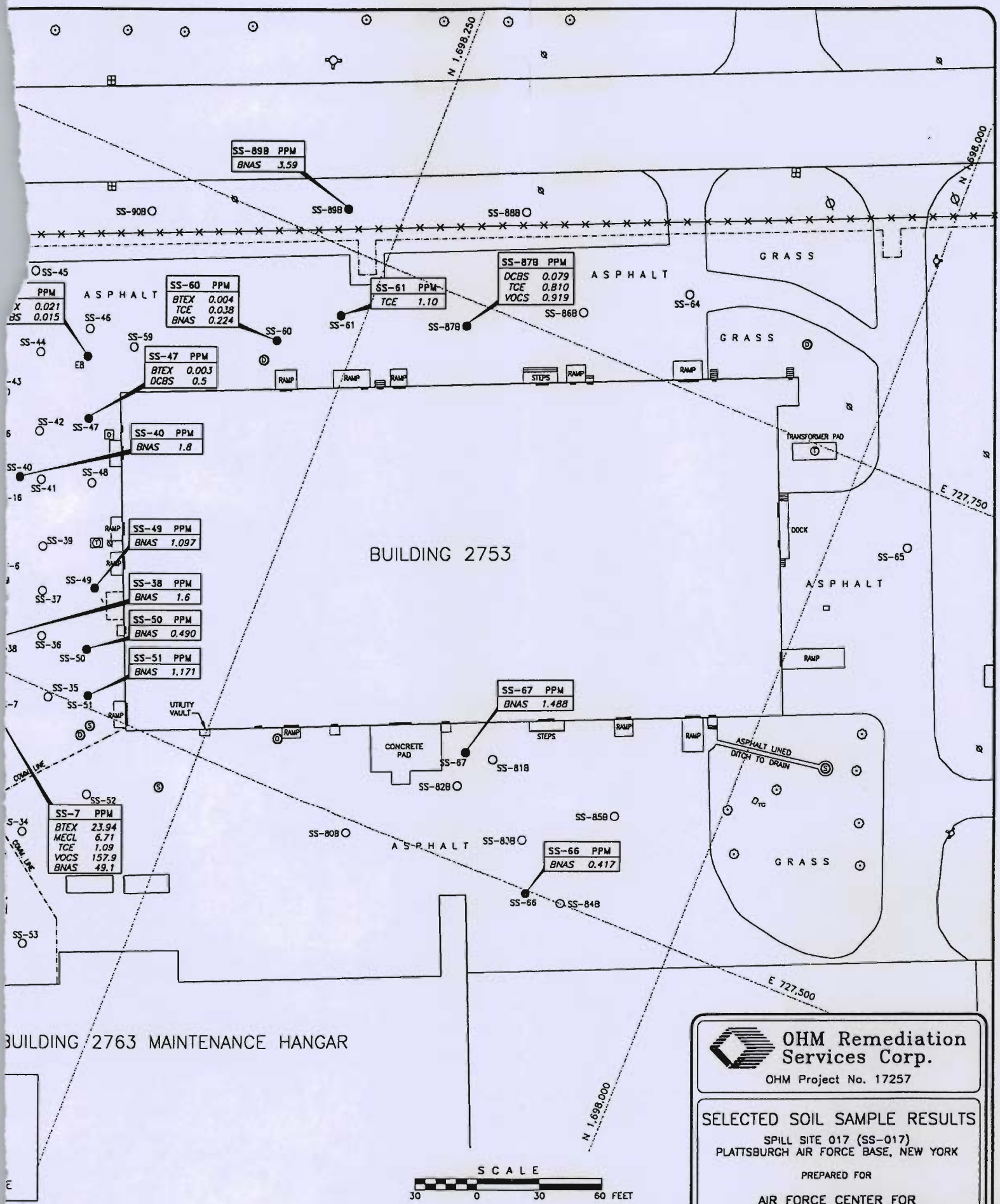
PREPARED FOR

AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
BROOKS AIR FORCE BASE, TEXAS

| | | | | |
|---|---|---|---|---|
| Drawn By | MDW/ACS | 4/10/97 | Scale: AS SHOWN | Drawing No. 17257-DJ4 |
| Checked By | S. McGinn | 4/10/97 | | |
| Approved By | W.Pringle | 4/10/97 | FIGURE 4-4 | |

| No. | Date | Revision/Issue | By | Chkd |
|---|---|---|---|---|
| | | | | |


CAD File: 17257-035
Plot Scale: 1 = 30
ARIZONA AVENUE
N 1,698,750
E 727,750
N 1,698,500
E 727,500
N 1,698,250
BUILDING 2778 (SHP AVIONICS)
BUILDING 2774
ENGINE MAINTENANCE
OPENING BRICKED
DOCK
RAMP
CONCRETE APRON
ASPHALT
GRASS
CONCRETE
INTERIM REMOVAL EXCAVATION AREA (SEE NOTE 2)
FORMER PAD LOCATION
SS-758 F1/SS-54
F1 PPM
BTEX 0.012
DCBS 0.008
SS-788 PPM
BTEX 1.4
DCBS 5.3
TCB 0.25
TCE 0.81
VOCS 27.84
SS-768 PPM
BTEX 35.9
DCBS 560
TCB 9.5
TCE 972.5
E2/SS-55
SS-768
SS-778
SS-788
D3/SS-57
MW-17-004
MW-17-002
MW-17-003
SS-4 PPM
TCE 0.997
BNAS 0.085
SS-3 PPM
TCE 0.175
SS-24 PPM
TCE 0.012
B3/SS-2
B5/SS-4
B4/SS-3
B6
IBS-1
IBS-2
IBS-3
IBS-4
N5-1
N5-1 PPM
TCE 0.017
SS-23 PPM
BTEX 0.012
BNAS 0.524
SS-1 PPM
BNAS 0.113
SS-17 PPM
BTEX 0.003
BNAS 3.6
SS-32 PPM
BTEX 13.6
TCA 0.622
TCE 6.7
VOCS 65.6
BNAS 11.7
J6 PPM
BTEX 62.3
DCBS 43.0
TCE 3.6
VOCS 138.5
MW-17-001
SS-72
SS-71
SS-70
SS-798
SS-69
SS-68
SS-56
SS-13
SS-12
SS-11
SS-14
SS-15
SS-10
SS-9
SS-16
SS-8
SS-17
SS-18
SS-19
SS-20
SS-21
SS-22
SS-23
SS-24
SS-25
SS-27
SS-28
SS-30
SS-31
SS-32
SS-33
H5
J6
37A
37-B
LEGEND:
SS-11 SOIL SAMPLE LOCATION
SS-17 SOIL SAMPLE WITH TAGM-4046 EXCEEDANCE
H5 SOIL VAPOR/SOIL SAMPLE LOCATION (SEE NOTE 1)
TREE
MW-17-001 MONITORING WELL LOCATION
BTEX BENZENE, TOLUENE, ETHYLBENZENE AND XYLENES
FIRE HYDRANT LOCATION
DCBS TOTAL DICHLOROBENZENES
UTILITY POLE
TCB 1,2,4-TRICHLOROBENZENE
CATCH BASIN
TCA 1,1,1-TRICHLOROETHENE
STORM DRAIN
MECL METHYLENE CHLORIDE
SEWER MANHOLE
TCE TRICHLOROETHENE
TRANSFORMER
PCE TETRACHLOROETHENE
COMMUNICATION LINES
VOCS TOTAL VOLATILE ORGANICS
DOOR
BNAS TOTAL BASE/NEUTRAL/ACID EXTRACTABLES
TIME CAPSULE
NOTES:
1. SOIL VAPOR AND SOIL SAMPLES WERE COLLECTED IN APPROXIMATELY THE SAME LOCATION (LESS THAN 12" APART
2. EXCAVATED AREA WAS LOCATED USING GEOTEXTILE FABRIC EXPOSED AT SURFA
REFERENCE:
BASE MAP WAS TAKEN FROM DRAWINGS SUPPLIED BY THE U.S. AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE, BROOKS AIR FORCE BASE, TEXAS.




OHM Remediation Services Corp.

OHM Project No. 17257

# SELECTED SOIL SAMPLE RESULTS

SPILL SITE 017 (SS-017)
PLATTSBURGH AIR FORCE BASE, NEW YORK

PREPARED FOR

AIR FORCE CENTER FOR ENVIRONMENTAL EXCELLENCE
BROOKS AIR FORCE BASE, TEXAS

| | | | | |
|---|---|---|---|---|
| Drawn By | M. Warnick | 4/10/97 | Scale: AS SHOWN | Drawing No. 17257-035 |
| Checked By | S. McGinn | 4/10/97 | | |
| Approved By | D. Pringle | 4/10/97 | | FIGURE 4-5 |

APPENDIX
A

# *APPENDIX A*
# *SUBSURFACE SOIL SAMPLING RESULTS - SUMMARY TABLE OF DETECTED COMPOUNDS*

## APPENDIX A

SUBSURFACE SOIL SAMPLING RESULTS
ALL POSITIVE DETECTIONS

NOTES:

| | |
|---|---|
| ft | feet |
| PID | Total volatile organic vapor concentration from photoionization detector |
| ppm | parts-per-million |
| TCL | Toxicity Characteristics List |
| VOCs | Volatile organic compounds |
| BNAs | Base/neutral/acid extractable compounds |
| mg/kg | milligrams per kilogram (ppm) |
| --- | compound analyzed for but not detected |
| * | compound not analyzed for |

## APPENDIX A
## Subsurface Soil Samples - All Positive Detections

| Area | Sample | Analysis | Compound | Units | Value | Qual |
|---|---|---|---|---|---|---|
| SS-017 | 17-SS-01 | TCL BNA | 2-Methylnaphthalene | ug/kg | 34.3 | J |
| SS-017 | 17-SS-01 | TCL BNA | p-Chloro-m-cresol | ug/kg | 78.7 | J |
| SS-017 | 17-SS-01 | TCL VOC | Methylene chloride | ug/kg | 2.47 | J |
| SS-017 | 17-SS-01 | TCL VOC | Naphthalene | ug/kg | 26.1 | |
| SS-017 | 17-SS-01 | TCL VOC | Total VOCs | ug/kg | 28.57 | |
| SS-017 | 17-SS-02 | TCL VOC | Methylene chloride | ug/kg | 8.02 | |
| SS-017 | 17-SS-02 | TCL VOC | Toluene | ug/kg | 2.61 | |
| SS-017 | 17-SS-02 | TCL VOC | Total VOCs | ug/kg | 17.58 | |
| SS-017 | 17-SS-02 | TCL VOC | Trichloroethylene | ug/kg | 6.95 | |
| SS-017 | 17-SS-03 | TCL VOC | Methylene chloride | ug/kg | 48.5 | |
| SS-017 | 17-SS-03 | TCL VOC | Total VOCs | ug/kg | 223.5 | |
| SS-017 | 17-SS-03 | TCL VOC | Trichloroethylene | ug/kg | 175 | |
| SS-017 | 17-SS-04 | TCL BNA | p-Chloro-m-cresol | ug/kg | 84.5 | J |
| SS-017 | 17-SS-04 | TCL VOC | 1,2-cis-Dichloroethylene | ug/kg | 44.1 | |
| SS-017 | 17-SS-04 | TCL VOC | Methylene chloride | ug/kg | 31.5 | J |
| SS-017 | 17-SS-04 | TCL VOC | Total VOCs | ug/kg | 175.3 | |
| SS-017 | 17-SS-04 | TCL VOC | Trichloroethylene | ug/kg | 99.7 | |
| SS-017 | 17-SS-05 | TCL VOC | Methylene chloride | ug/kg | 7.49 | |
| SS-017 | 17-SS-05 | TCL VOC | Total VOCs | ug/kg | 8.95 | |
| SS-017 | 17-SS-05 | TCL VOC | Trichloroethylene | ug/kg | 1.46 | |
| SS-017 | 17-SS-06 | TCL BNA | bis(2-Ethylhexyl)phthalate | ug/kg | 269 | J |
| SS-017 | 17-SS-06 | TCL VOC | Methylene chloride | ug/kg | 2.73 | J |
| SS-017 | 17-SS-06 | TCL VOC | Total VOCs | ug/kg | 3.75 | |
| SS-017 | 17-SS-06 | TCL VOC | Trichloroethylene | ug/kg | 1.02 | |
| SS-017 | 17-SS-07 | TCL BNA | 2-Methylnaphthalene | ug/kg | 25600 | |
| SS-017 | 17-SS-07 | TCL BNA | Acenaphthene | ug/kg | 1120 | J |
| SS-017 | 17-SS-07 | TCL BNA | Dibenzofuran | ug/kg | 947 | J |
| SS-017 | 17-SS-07 | TCL BNA | Fluorene | ug/kg | 1740 | J |
| SS-017 | 17-SS-07 | TCL BNA | Naphthalene | ug/kg | 15700 | |
| SS-017 | 17-SS-07 | TCL BNA | Phenanthrene | ug/kg | 4010 | |
| SS-017 | 17-SS-07 | TCL VOC | 1,2,4-Trimethylbenzene | ug/kg | 72100 | |
| SS-017 | 17-SS-07 | TCL VOC | 1,3,5-Trimethylbenzene | ug/kg | 20500 | |
| SS-017 | 17-SS-07 | TCL VOC | 4-Isopropyltoluene | ug/kg | 4120 | |
| SS-017 | 17-SS-07 | TCL VOC | Ethylbenzene | ug/kg | 2740 | |
| SS-017 | 17-SS-07 | TCL VOC | Methylene chloride | ug/kg | 6710 | |
| SS-017 | 17-SS-07 | TCL VOC | n-Propylbenzene | ug/kg | 4480 | |
| SS-017 | 17-SS-07 | TCL VOC | Naphthalene | ug/kg | 25000 | |

## APPENDIX A
## Subsurface Soil Samples - All Positive Detections

| Area | Sample | Analysis | Compound | Units | Value | Qual |
|---|---|---|---|---|---|---|
| SS-017 | 17-SS-07 | TCL VOC | Total VOCs | ug/kg | 157940 | |
| SS-017 | 17-SS-07 | TCL VOC | Trichloroethylene | ug/kg | 1090 | J |
| SS-017 | 17-SS-07 | TCL VOC | Xylenes | ug/kg | 21200 | |
| SS-017 | 17-SS-08 | TCL VOC | Methylene chloride | ug/kg | 2.22 | J |
| SS-017 | 17-SS-08 | TCL VOC | Total VOCs | ug/kg | 2.22 | |
| SS-017 | 17-SS-09 | TCL VOC | Methylene chloride | ug/kg | 4.49 | J |
| SS-017 | 17-SS-09 | TCL VOC | Total VOCs | ug/kg | 4.49 | |
| SS-017 | 17-SS-10 | TCL VOC | Methylene chloride | ug/kg | 4.88 | J |
| SS-017 | 17-SS-10 | TCL VOC | Total VOCs | ug/kg | 4.88 | |
| SS-017 | 17-SS-11 | TCL VOC | Methylene chloride | ug/kg | 2.56 | J |
| SS-017 | 17-SS-11 | TCL VOC | Total VOCs | ug/kg | 3.387 | |
| SS-017 | 17-SS-11 | TCL VOC | Trichloroethylene | ug/kg | 0.827 | J |
| SS-017 | 17-SS-12 | TCL VOC | Methylene chloride | ug/kg | 2.63 | J |
| SS-017 | 17-SS-12 | TCL VOC | Total VOCs | ug/kg | 3.79 | |
| SS-017 | 17-SS-12 | TCL VOC | Trichloroethylene | ug/kg | 1.16 | |
| SS-017 | 17-SS-13 | TCL VOC | 1,2,3-Trichlorobenzene | ug/kg | 0.379 | J |
| SS-017 | 17-SS-13 | TCL VOC | Methylene chloride | ug/kg | 3.11 | J |
| SS-017 | 17-SS-13 | TCL VOC | Total VOCs | ug/kg | 4.313 | |
| SS-017 | 17-SS-13 | TCL VOC | Trichloroethylene | ug/kg | 0.824 | J |
| SS-017 | 17-SS-14 | TCL VOC | Methylene chloride | ug/kg | 2.86 | J |
| SS-017 | 17-SS-14 | TCL VOC | Total VOCs | ug/kg | 3.413 | |
| SS-017 | 17-SS-14 | TCL VOC | Trichloroethylene | ug/kg | 0.553 | J |
| SS-017 | 17-SS-15 | TCL BNA | bis(2-Ethylhexyl)phthalate | ug/kg | 1110 | |
| SS-017 | 17-SS-15 | TCL VOC | Methylene chloride | ug/kg | 2.84 | J |
| SS-017 | 17-SS-15 | TCL VOC | Total VOCs | ug/kg | 2.84 | |
| SS-017 | 17-SS-16 | TCL VOC | Methylene chloride | ug/kg | 40.6 | |
| SS-017 | 17-SS-16 | TCL VOC | Toluene | ug/kg | 3.96 | |
| SS-017 | 17-SS-16 | TCL VOC | Total VOCs | ug/kg | 48.43 | |
| SS-017 | 17-SS-16 | TCL VOC | Trichloroethylene | ug/kg | 2.56 | |
| SS-017 | 17-SS-16 | TCL VOC | Xylenes | ug/kg | 1.31 | |
| SS-017 | 17-SS-17 | TCL BNA | Anthracene | ug/kg | 122 | J |
| SS-017 | 17-SS-17 | TCL BNA | Benzo(a)anthracene | ug/kg | 290 | J |
| SS-017 | 17-SS-17 | TCL BNA | Benzo(a)pyrene | ug/kg | 241 | J |

## APPENDIX A
## Subsurface Soil Samples - All Positive Detections

| Area | Sample | Analysis | Compound | Units | Value | Qual |
|---|---|---|---|---|---|---|
| SS-017 | 17-SS-17 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 233 | J |
| SS-017 | 17-SS-17 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 242 | J |
| SS-017 | 17-SS-17 | TCL BNA | Carbazole | ug/kg | 70 | J |
| SS-017 | 17-SS-17 | TCL BNA | Chrysene | ug/kg | 337 | J |
| SS-017 | 17-SS-17 | TCL BNA | Fluoranthene | ug/kg | 745 | |
| SS-017 | 17-SS-17 | TCL BNA | Indeno(1,2,3-cd)pyrene | ug/kg | 142 | J |
| SS-017 | 17-SS-17 | TCL BNA | Phenanthrene | ug/kg | 594 | |
| SS-017 | 17-SS-17 | TCL BNA | Pyrene | ug/kg | 588 | |
| SS-017 | 17-SS-17 | TCL VOC | Methylene chloride | ug/kg | 9.81 | |
| SS-017 | 17-SS-17 | TCL VOC | Toluene | ug/kg | 3.15 | |
| SS-017 | 17-SS-17 | TCL VOC | Total VOCs | ug/kg | 15.02 | |
| SS-017 | 17-SS-17 | TCL VOC | Trichloroethylene | ug/kg | 2.06 | |
| SS-017 | 17-SS-18 | TCL VOC | Methylene chloride | ug/kg | 3.91 | J |
| SS-017 | 17-SS-18 | TCL VOC | Total VOCs | ug/kg | 4.647 | |
| SS-017 | 17-SS-18 | TCL VOC | Trichloroethylene | ug/kg | 0.737 | J |
| SS-017 | 17-SS-19 | TCL VOC | Methylene chloride | ug/kg | 3.25 | J |
| SS-017 | 17-SS-19 | TCL VOC | Total VOCs | ug/kg | 3.25 | |
| SS-017 | 17-SS-20 | TCL VOC | Methylene chloride | ug/kg | 2.27 | J |
| SS-017 | 17-SS-20 | TCL VOC | Total VOCs | ug/kg | 2.27 | |
| SS-017 | 17-SS-21 | TCL VOC | Methylene chloride | ug/kg | 1.32 | J |
| SS-017 | 17-SS-21 | TCL VOC | Total VOCs | ug/kg | 2.94 | |
| SS-017 | 17-SS-21 | TCL VOC | Trichloroethylene | ug/kg | 1.62 | |
| SS-017 | 17-SS-22 | TCL BNA | Di-n-butyl phthalate | ug/kg | 99.6 | J |
| SS-017 | 17-SS-22 | TCL VOC | Methylene chloride | ug/kg | 1.59 | J |
| SS-017 | 17-SS-22 | TCL VOC | Naphthalene | ug/kg | 25 | |
| SS-017 | 17-SS-22 | TCL VOC | Total VOCs | ug/kg | 26.59 | |
| SS-017 | 17-SS-23 | TCL BNA | 2-Methylnaphthalene | ug/kg | 200 | J |
| SS-017 | 17-SS-23 | TCL BNA | Naphthalene | ug/kg | 324 | J |
| SS-017 | 17-SS-23 | TCL VOC | 1,2,4-Trimethylbenzene | ug/kg | 28.3 | |
| SS-017 | 17-SS-23 | TCL VOC | 1,3,5-Trimethylbenzene | ug/kg | 19.1 | |
| SS-017 | 17-SS-23 | TCL VOC | Ethylbenzene | ug/kg | 2.33 | J |
| SS-017 | 17-SS-23 | TCL VOC | Methylene chloride | ug/kg | 25.6 | |
| SS-017 | 17-SS-23 | TCL VOC | Naphthalene | ug/kg | 65.8 | |
| SS-017 | 17-SS-23 | TCL VOC | Toluene | ug/kg | 2.68 | J |
| SS-017 | 17-SS-23 | TCL VOC | Total VOCs | ug/kg | 150.96 | |
| SS-017 | 17-SS-23 | TCL VOC | Xylenes | ug/kg | 7.15 | |

## APPENDIX A
## Subsurface Soil Samples - All Positive Detections

| Area | Sample | Analysis | Compound | Units | Value | Qual |
|---|---|---|---|---|---|---|
| SS-017 | 17-SS-24 | TCL VOC | 1,2-cis-Dichloroethylene | ug/kg | 3.55 | J |
| SS-017 | 17-SS-24 | TCL VOC | Methylene chloride | ug/kg | 19.6 | J |
| SS-017 | 17-SS-24 | TCL VOC | Total VOCs | ug/kg | 34.65 | |
| SS-017 | 17-SS-24 | TCL VOC | Trichloroethylene | ug/kg | 11.5 | |
| SS-017 | 17-SS-25 | TCL VOC | Methylene chloride | ug/kg | 4.48 | J |
| SS-017 | 17-SS-25 | TCL VOC | Total VOCs | ug/kg | 5.49 | |
| SS-017 | 17-SS-25 | TCL VOC | Trichloroethylene | ug/kg | 1.01 | J |
| SS-017 | 17-SS-26 | TCL VOC | Methylene chloride | ug/kg | 1.86 | J |
| SS-017 | 17-SS-26 | TCL VOC | Total VOCs | ug/kg | 1.86 | |
| SS-017 | 17-SS-27 | TCL VOC | Methylene chloride | ug/kg | 2.99 | J |
| SS-017 | 17-SS-27 | TCL VOC | Total VOCs | ug/kg | 3.627 | |
| SS-017 | 17-SS-27 | TCL VOC | Trichloroethylene | ug/kg | 0.637 | J |
| SS-017 | 17-SS-28 | TCL BNA | Fluoranthene | ug/kg | 33.1 | J |
| SS-017 | 17-SS-28 | TCL BNA | Pyrene | ug/kg | 31.5 | J |
| SS-017 | 17-SS-28 | TCL VOC | Methylene chloride | ug/kg | 17.8 | |
| SS-017 | 17-SS-28 | TCL VOC | Tetrachloroethene | ug/kg | 0.571 | J |
| SS-017 | 17-SS-28 | TCL VOC | Total VOCs | ug/kg | 22.421 | |
| SS-017 | 17-SS-28 | TCL VOC | Trichloroethylene | ug/kg | 4.05 | |
| SS-017 | 17-SS-29 | TCL VOC | 1,2-cis-Dichloroethylene | ug/kg | 0.532 | J |
| SS-017 | 17-SS-29 | TCL VOC | Methylene chloride | ug/kg | 62.9 | |
| SS-017 | 17-SS-29 | TCL VOC | Tetrachloroethene | ug/kg | 0.643 | J |
| SS-017 | 17-SS-29 | TCL VOC | Total VOCs | ug/kg | 68.365 | |
| SS-017 | 17-SS-29 | TCL VOC | Trichloroethylene | ug/kg | 3.14 | |
| SS-017 | 17-SS-29 | TCL VOC | Trichlorofluoromethane | ug/kg | 1.15 | |
| SS-017 | 17-SS-30 | TCL VOC | Methylene chloride | ug/kg | 14.8 | |
| SS-017 | 17-SS-30 | TCL VOC | Naphthalene | ug/kg | 2.96 | |
| SS-017 | 17-SS-30 | TCL VOC | Total VOCs | ug/kg | 17.76 | |
| SS-017 | 17-SS-31 | TCL BNA | 2-Methylnaphthalene | ug/kg | 57.1 | J |
| SS-017 | 17-SS-31 | TCL VOC | Methylene chloride | ug/kg | 16.2 | |
| SS-017 | 17-SS-31 | TCL VOC | Naphthalene | ug/kg | 25.2 | |
| SS-017 | 17-SS-31 | TCL VOC | Total VOCs | ug/kg | 42.63 | |
| SS-017 | 17-SS-31 | TCL VOC | Trichloroethylene | ug/kg | 1.23 | |
| SS-017 | 17-SS-32 | TCL BNA | 2-Methylnaphthalene | ug/kg | 5810 | |
| SS-017 | 17-SS-32 | TCL BNA | Fluorene | ug/kg | 511 | J |
| SS-017 | 17-SS-32 | TCL BNA | Naphthalene | ug/kg | 4590 | |

## APPENDIX A
## Subsurface Soil Samples - All Positive Detections

| Area | Sample | Analysis | Compound | Units | Value | Qual |
|---|---|---|---|---|---|---|
| SS-017 | 17-SS-32 | TCL BNA | Phenanthrene | ug/kg | 807 | J |
| SS-017 | 17-SS-32 | TCL VOC | 1,1,1-Trichloroethane | ug/kg | 622 | |
| SS-017 | 17-SS-32 | TCL VOC | 1,2,4-Trimethylbenzene | ug/kg | 23600 | |
| SS-017 | 17-SS-32 | TCL VOC | 1,3,5-Trimethylbenzene | ug/kg | 8410 | |
| SS-017 | 17-SS-32 | TCL VOC | 4-Isopropyltoluene | ug/kg | 2590 | |
| SS-017 | 17-SS-32 | TCL VOC | Methylene chloride | ug/kg | 2540 | J |
| SS-017 | 17-SS-32 | TCL VOC | Naphthalene | ug/kg | 7470 | |
| SS-017 | 17-SS-32 | TCL VOC | Total VOCs | ug/kg | 65562 | |
| SS-017 | 17-SS-32 | TCL VOC | Trichloroethylene | ug/kg | 6730 | |
| SS-017 | 17-SS-32 | TCL VOC | Xylenes | ug/kg | 13600 | |
| SS-017 | 17-SS-33 | TCL VOC | Methylene chloride | ug/kg | 2.53 | J |
| SS-017 | 17-SS-33 | TCL VOC | Total VOCs | ug/kg | 2.53 | |
| SS-017 | 17-SS-34 | TCL VOC | Ethylbenzene | ug/kg | 0.708 | J |
| SS-017 | 17-SS-34 | TCL VOC | Methylene chloride | ug/kg | 12.3 | |
| SS-017 | 17-SS-34 | TCL VOC | Tetrachloroethene | ug/kg | 4.34 | |
| SS-017 | 17-SS-34 | TCL VOC | Toluene | ug/kg | 5.88 | |
| SS-017 | 17-SS-34 | TCL VOC | Total VOCs | ug/kg | 31.608 | |
| SS-017 | 17-SS-34 | TCL VOC | Trichloroethylene | ug/kg | 5.11 | |
| SS-017 | 17-SS-34 | TCL VOC | Xylenes | ug/kg | 3.27 | |
| SS-017 | 17-SS-35 | TCL BNA | Fluoranthene | ug/kg | 56.2 | J |
| SS-017 | 17-SS-35 | TCL BNA | Pyrene | ug/kg | 46.3 | J |
| SS-017 | 17-SS-35 | TCL VOC | Methylene chloride | ug/kg | 4.15 | J |
| SS-017 | 17-SS-35 | TCL VOC | Tetrachloroethene | ug/kg | 0.994 | J |
| SS-017 | 17-SS-35 | TCL VOC | Total VOCs | ug/kg | 6.274 | |
| SS-017 | 17-SS-35 | TCL VOC | Trichloroethylene | ug/kg | 1.13 | |
| SS-017 | 17-SS-36 | TCL BNA | Di-n-butyl phthalate | ug/kg | 106 | J |
| SS-017 | 17-SS-36 | TCL BNA | Fluoranthene | ug/kg | 36.6 | J |
| SS-017 | 17-SS-36 | TCL BNA | Pyrene | ug/kg | 37.3 | J |
| SS-017 | 17-SS-36 | TCL VOC | Methylene chloride | ug/kg | 8.35 | |
| SS-017 | 17-SS-36 | TCL VOC | Tetrachloroethene | ug/kg | 0.497 | J |
| SS-017 | 17-SS-36 | TCL VOC | Total VOCs | ug/kg | 9.539 | |
| SS-017 | 17-SS-36 | TCL VOC | Trichloroethylene | ug/kg | 0.692 | J |
| SS-017 | 17-SS-37 | TCL BNA | Di-n-butyl phthalate | ug/kg | 79.9 | J |
| SS-017 | 17-SS-37 | TCL VOC | Methylene chloride | ug/kg | 2.76 | J |
| SS-017 | 17-SS-37 | TCL VOC | Total VOCs | ug/kg | 2.76 | |
| SS-017 | 17-SS-38 | TCL BNA | Anthracene | ug/kg | 69.8 | J |
| SS-017 | 17-SS-38 | TCL BNA | Benzo(a)anthracene | ug/kg | 146 | J |

## APPENDIX A
## Subsurface Soil Samples - All Positive Detections

| Area | Sample | Analysis | Compound | Units | Value | Qual |
|---|---|---|---|---|---|---|
| SS-017 | 17-SS-38 | TCL BNA | Benzo(a)pyrene | ug/kg | 122 | J |
| SS-017 | 17-SS-38 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 121 | J |
| SS-017 | 17-SS-38 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 99.4 | J |
| SS-017 | 17-SS-38 | TCL BNA | Chrysene | ug/kg | 131 | J |
| SS-017 | 17-SS-38 | TCL BNA | Di-n-butyl phthalate | ug/kg | 112 | J |
| SS-017 | 17-SS-38 | TCL BNA | Fluoranthene | ug/kg | 303 | J |
| SS-017 | 17-SS-38 | TCL BNA | Phenanthrene | ug/kg | 239 | J |
| SS-017 | 17-SS-38 | TCL BNA | Pyrene | ug/kg | 250 | J |
| SS-017 | 17-SS-38 | TCL VOC | Methylene chloride | ug/kg | 7.97 | |
| SS-017 | 17-SS-38 | TCL VOC | Total VOCs | ug/kg | 9.76 | |
| SS-017 | 17-SS-38 | TCL VOC | Trichloroethylene | ug/kg | 1.79 | |
| SS-017 | 17-SS-39 | TCL VOC | Methylene chloride | ug/kg | 1.87 | J |
| SS-017 | 17-SS-39 | TCL VOC | Total VOCs | ug/kg | 1.87 | |
| SS-017 | 17-SS-40 | TCL BNA | Anthracene | ug/kg | 37 | J |
| SS-017 | 17-SS-40 | TCL BNA | Benzo(a)anthracene | ug/kg | 178 | J |
| SS-017 | 17-SS-40 | TCL BNA | Benzo(a)pyrene | ug/kg | 152 | J |
| SS-017 | 17-SS-40 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 158 | J |
| SS-017 | 17-SS-40 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 147 | J |
| SS-017 | 17-SS-40 | TCL BNA | Chrysene | ug/kg | 190 | J |
| SS-017 | 17-SS-40 | TCL BNA | Fluoranthene | ug/kg | 362 | |
| SS-017 | 17-SS-40 | TCL BNA | Indeno(1,2,3-cd)pyrene | ug/kg | 101 | J |
| SS-017 | 17-SS-40 | TCL BNA | Phenanthrene | ug/kg | 179 | J |
| SS-017 | 17-SS-40 | TCL BNA | Pyrene | ug/kg | 275 | J |
| SS-017 | 17-SS-40 | TCL VOC | Methylene chloride | ug/kg | 4.96 | J |
| SS-017 | 17-SS-40 | TCL VOC | Tetrachloroethene | ug/kg | 1.61 | |
| SS-017 | 17-SS-40 | TCL VOC | Total VOCs | ug/kg | 8.57 | |
| SS-017 | 17-SS-40 | TCL VOC | Trichloroethylene | ug/kg | 2 | |
| SS-017 | 17-SS-41 | TCL VOC | Methylene chloride | ug/kg | 2.48 | J |
| SS-017 | 17-SS-41 | TCL VOC | Total VOCs | ug/kg | 2.48 | |
| SS-017 | 17-SS-42 | TCL VOC | Methylene chloride | ug/kg | 4.33 | J |
| SS-017 | 17-SS-42 | TCL VOC | Toluene | ug/kg | 1.6 | |
| SS-017 | 17-SS-42 | TCL VOC | Total VOCs | ug/kg | 8.367 | |
| SS-017 | 17-SS-42 | TCL VOC | Trichloroethylene | ug/kg | 1.58 | |
| SS-017 | 17-SS-42 | TCL VOC | Xylenes | ug/kg | 0.857 | J |
| SS-017 | 17-SS-43 | TCL VOC | Methylene chloride | ug/kg | 2.27 | J |
| SS-017 | 17-SS-43 | TCL VOC | Total VOCs | ug/kg | 2.27 | |
| SS-017 | 17-SS-44 | TCL VOC | Methylene chloride | ug/kg | 2.31 | J |

## APPENDIX A
## Subsurface Soil Samples - All Positive Detections

| Area | Sample | Analysis | Compound | Units | Value | Qual |
|---|---|---|---|---|---|---|
| SS-017 | 17-SS-44 | TCL VOC | Total VOCs | ug/kg | 2.829 | |
| SS-017 | 17-SS-44 | TCL VOC | Trichloroethylene | ug/kg | 0.519 | J |
| SS-017 | 17-SS-45 | TCL BNA | bis(2-Ethylhexyl)phthalate | ug/kg | 47.8 | J |
| SS-017 | 17-SS-45 | TCL VOC | Methylene chloride | ug/kg | 2.25 | J |
| SS-017 | 17-SS-45 | TCL VOC | Total VOCs | ug/kg | 2.25 | |
| SS-017 | 17-SS-46 | TCL VOC | Methylene chloride | ug/kg | 3.64 | J |
| SS-017 | 17-SS-46 | TCL VOC | Toluene | ug/kg | 2.03 | |
| SS-017 | 17-SS-46 | TCL VOC | Total VOCs | ug/kg | 7.04 | |
| SS-017 | 17-SS-46 | TCL VOC | Trichloroethylene | ug/kg | 1.37 | |
| SS-017 | 17-SS-47 | TCL BNA | 1,2-Dichlorobenzene | ug/kg | 460 | |
| SS-017 | 17-SS-47 | TCL VOC | 1,2-Dichlorobenzene | ug/kg | 107 | |
| SS-017 | 17-SS-47 | TCL VOC | 1,3-Dichlorobenzene | ug/kg | 0.77 | J |
| SS-017 | 17-SS-47 | TCL VOC | 1,4-Dichlorobenzene | ug/kg | 3.99 | |
| SS-017 | 17-SS-47 | TCL VOC | Methylene chloride | ug/kg | 12.6 | |
| SS-017 | 17-SS-47 | TCL VOC | Tetrachloroethene | ug/kg | 9.16 | |
| SS-017 | 17-SS-47 | TCL VOC | Toluene | ug/kg | 2.93 | |
| SS-017 | 17-SS-47 | TCL VOC | Total VOCs | ug/kg | 139.45 | |
| SS-017 | 17-SS-47 | TCL VOC | Trichloroethylene | ug/kg | 3 | |
| SS-017 | 17-SS-48 | TCL VOC | Methylene chloride | ug/kg | 2.16 | J |
| SS-017 | 17-SS-48 | TCL VOC | Tetrachloroethene | ug/kg | 0.49 | J |
| SS-017 | 17-SS-48 | TCL VOC | Total VOCs | ug/kg | 3.001 | |
| SS-017 | 17-SS-48 | TCL VOC | Trichloroethylene | ug/kg | 0.351 | J |
| SS-017 | 17-SS-49 | TCL BNA | Benzo(a)anthracene | ug/kg | 106 | J |
| SS-017 | 17-SS-49 | TCL BNA | Benzo(a)pyrene | ug/kg | 93.8 | J |
| SS-017 | 17-SS-49 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 111 | J |
| SS-017 | 17-SS-49 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 89.7 | J |
| SS-017 | 17-SS-49 | TCL BNA | Chrysene | ug/kg | 111 | J |
| SS-017 | 17-SS-49 | TCL BNA | Fluoranthene | ug/kg | 271 | J |
| SS-017 | 17-SS-49 | TCL BNA | Phenanthrene | ug/kg | 140 | J |
| SS-017 | 17-SS-49 | TCL BNA | Pyrene | ug/kg | 174 | J |
| SS-017 | 17-SS-49 | TCL VOC | Methylene chloride | ug/kg | 2.24 | J |
| SS-017 | 17-SS-49 | TCL VOC | Total VOCs | ug/kg | 2.24 | |
| SS-017 | 17-SS-50 | TCL BNA | Anthracene | ug/kg | 21.5 | J |
| SS-017 | 17-SS-50 | TCL BNA | Benzo(a)pyrene | ug/kg | 46.3 | J |
| SS-017 | 17-SS-50 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 42.4 | J |
| SS-017 | 17-SS-50 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 42.8 | J |
| SS-017 | 17-SS-50 | TCL BNA | Fluoranthene | ug/kg | 125 | J |

## APPENDIX A
## Subsurface Soil Samples - All Positive Detections

| Area | Sample | Analysis | Compound | Units | Value | Qual |
|---|---|---|---|---|---|---|
| SS-017 | 17-SS-50 | TCL BNA | Phenanthrene | ug/kg | 112 | J |
| SS-017 | 17-SS-50 | TCL BNA | Pyrene | ug/kg | 100 | J |
| SS-017 | 17-SS-50 | TCL VOC | Methylene chloride | ug/kg | 2.58 | J |
| SS-017 | 17-SS-50 | TCL VOC | Total VOCs | ug/kg | 3.171 | |
| SS-017 | 17-SS-50 | TCL VOC | Trichloroethylene | ug/kg | 0.591 | J |
| SS-017 | 17-SS-51 | TCL BNA | Anthracene | ug/kg | 42.9 | J |
| SS-017 | 17-SS-51 | TCL BNA | Benzo(a)anthracene | ug/kg | 107 | J |
| SS-017 | 17-SS-51 | TCL BNA | Benzo(a)pyrene | ug/kg | 82.6 | J |
| SS-017 | 17-SS-51 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 82.9 | J |
| SS-017 | 17-SS-51 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 70.3 | J |
| SS-017 | 17-SS-51 | TCL BNA | Chrysene | ug/kg | 120 | J |
| SS-017 | 17-SS-51 | TCL BNA | Fluoranthene | ug/kg | 264 | J |
| SS-017 | 17-SS-51 | TCL BNA | Phenanthrene | ug/kg | 210 | J |
| SS-017 | 17-SS-51 | TCL BNA | Pyrene | ug/kg | 191 | J |
| SS-017 | 17-SS-51 | TCL VOC | Methylene chloride | ug/kg | 2.58 | J |
| SS-017 | 17-SS-51 | TCL VOC | Total VOCs | ug/kg | 3.013 | |
| SS-017 | 17-SS-51 | TCL VOC | Trichloroethylene | ug/kg | 0.433 | J |
| SS-017 | 17-SS-52 | TCL VOC | Total VOCs | ug/kg | 2.91 | |
| SS-017 | 17-SS-52 | TCL VOC | Trichloroethylene | ug/kg | 2.91 | |
| SS-017 | 17-SS-53 | TCL VOC | Methylene chloride | ug/kg | 2.53 | J |
| SS-017 | 17-SS-53 | TCL VOC | Total VOCs | ug/kg | 2.53 | |
| SS-017 | 17-SS-54 | TCL VOC | Methylene chloride | ug/kg | 2.3 | J |
| SS-017 | 17-SS-54 | TCL VOC | Total VOCs | ug/kg | 2.3 | |
| SS-017 | 17-SS-55 | TCL VOC | Methylene chloride | ug/kg | 2.15 | J |
| SS-017 | 17-SS-55 | TCL VOC | Total VOCs | ug/kg | 2.15 | |
| SS-017 | 17-SS-56 | TCL VOC | Methylene chloride | ug/kg | 2.74 | J |
| SS-017 | 17-SS-56 | TCL VOC | Total VOCs | ug/kg | 2.74 | |
| SS-017 | 17-SS-57 | TCL VOC | Methylene chloride | ug/kg | 3.77 | J |
| SS-017 | 17-SS-57 | TCL VOC | Total VOCs | ug/kg | 5.13 | |
| SS-017 | 17-SS-57 | TCL VOC | Trichloroethylene | ug/kg | 1.36 | |
| SS-017 | 17-SS-59 | TCL VOC | Methylene chloride | ug/kg | 4.39 | J |
| SS-017 | 17-SS-59 | TCL VOC | Total VOCs | ug/kg | 4.986 | |
| SS-017 | 17-SS-59 | TCL VOC | Trichloroethylene | ug/kg | 0.596 | J |
| SS-017 | 17-SS-60 | TCL BNA | bis(2-Ethylhexyl)phthalate | ug/kg | 224 | J |

## APPENDIX A
## Subsurface Soil Samples - All Positive Detections

| Area | Sample | Analysis | Compound | Units | Value | Qual |
|---|---|---|---|---|---|---|
| SS-017 | 17-SS-60 | TCL VOC | Ethylbenzene | ug/kg | 0.267 | J |
| SS-017 | 17-SS-60 | TCL VOC | Methylene chloride | ug/kg | 9.63 | |
| SS-017 | 17-SS-60 | TCL VOC | Toluene | ug/kg | 2.11 | |
| SS-017 | 17-SS-60 | TCL VOC | Total VOCs | ug/kg | 51.037 | |
| SS-017 | 17-SS-60 | TCL VOC | Trichloroethylene | ug/kg | 37.9 | |
| SS-017 | 17-SS-60 | TCL VOC | Xylenes | ug/kg | 1.13 | |
| SS-017 | 17-SS-61 | TCL VOC | 1,2-cis-Dichloroethylene | ug/kg | 7.87 | |
| SS-017 | 17-SS-61 | TCL VOC | Methylene chloride | ug/kg | 4.73 | J |
| SS-017 | 17-SS-61 | TCL VOC | Total VOCs | ug/kg | 1112.6 | |
| SS-017 | 17-SS-61 | TCL VOC | Trichloroethylene | ug/kg | 1100 | |
| SS-017 | 17-SS-64 | TCL VOC | Methylene chloride | ug/kg | 3.21 | J |
| SS-017 | 17-SS-64 | TCL VOC | Total VOCs | ug/kg | 4.25 | |
| SS-017 | 17-SS-64 | TCL VOC | Trichloroethylene | ug/kg | 1.04 | J |
| SS-017 | 17-SS-65 | TCL VOC | Methylene chloride | ug/kg | 5.58 | |
| SS-017 | 17-SS-65 | TCL VOC | Total VOCs | ug/kg | 7.74 | |
| SS-017 | 17-SS-65 | TCL VOC | Trichloroethylene | ug/kg | 2.16 | |
| SS-017 | 17-SS-66 | TCL BNA | Benzo(a)anthracene | ug/kg | 43 | J |
| SS-017 | 17-SS-66 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 36.7 | J |
| SS-017 | 17-SS-66 | TCL BNA | Chrysene | ug/kg | 47.5 | J |
| SS-017 | 17-SS-66 | TCL BNA | Fluoranthene | ug/kg | 99.6 | J |
| SS-017 | 17-SS-66 | TCL BNA | Phenanthrene | ug/kg | 106 | J |
| SS-017 | 17-SS-66 | TCL BNA | Pyrene | ug/kg | 84.6 | J |
| SS-017 | 17-SS-67 | TCL BNA | Anthracene | ug/kg | 34.5 | J |
| SS-017 | 17-SS-67 | TCL BNA | Benzo(a)anthracene | ug/kg | 125 | J |
| SS-017 | 17-SS-67 | TCL BNA | Benzo(a)pyrene | ug/kg | 110 | J |
| SS-017 | 17-SS-67 | TCL BNA | Benzo(b)fluoranthene | ug/kg | 106 | J |
| SS-017 | 17-SS-67 | TCL BNA | Benzo(ghi)perylene | ug/kg | 58.1 | J |
| SS-017 | 17-SS-67 | TCL BNA | Benzo(k)fluoranthene | ug/kg | 104 | J |
| SS-017 | 17-SS-67 | TCL BNA | Chrysene | ug/kg | 151 | J |
| SS-017 | 17-SS-67 | TCL BNA | Fluoranthene | ug/kg | 301 | J |
| SS-017 | 17-SS-67 | TCL BNA | Indeno(1,2,3-cd)pyrene | ug/kg | 64.2 | J |
| SS-017 | 17-SS-67 | TCL BNA | Phenanthrene | ug/kg | 205 | J |
| SS-017 | 17-SS-67 | TCL BNA | Pyrene | ug/kg | 229 | J |
| SS-017 | 17-SS-72 | TCL BNA | Di-n-butyl phthalate | ug/kg | 44.6 | J |
| SS-017 | 17-SS-76B | TCL VOC | 1,2,4-Trichlorobenzene | ug/kg | 9500 | |
| SS-017 | 17-SS-76B | TCL VOC | 1,2,4-Trimethylbenzene | ug/kg | 71000 | |
| SS-017 | 17-SS-76B | TCL VOC | 1,2-Dichlorobenzene | ug/kg | 310000 | |

## APPENDIX A
## Subsurface Soil Samples - All Positive Detections

| Area | Sample | Analysis | Compound | Units | Value | Qual |
|---|---|---|---|---|---|---|
| SS-017 | 17-SS-76B | TCL VOC | 1,3,5-Trimethylbenzene | ug/kg | 34000 | |
| SS-017 | 17-SS-76B | TCL VOC | 1,3-Dichlorobenzene | ug/kg | 110000 | |
| SS-017 | 17-SS-76B | TCL VOC | 1,4-Dichlorobenzene | ug/kg | 140000 | |
| SS-017 | 17-SS-76B | TCL VOC | Ethylbenzene | ug/kg | 7800 | |
| SS-017 | 17-SS-76B | TCL VOC | m,p-Xylene | ug/kg | 22000 | |
| SS-017 | 17-SS-76B | TCL VOC | n-Butylbenzene | ug/kg | 8000 | |
| SS-017 | 17-SS-76B | TCL VOC | n-Propylbenzene | ug/kg | 2100 | |
| SS-017 | 17-SS-76B | TCL VOC | Naphthalene | ug/kg | 32000 | |
| SS-017 | 17-SS-76B | TCL VOC | o-xylene | ug/kg | 6100 | |
| SS-017 | 17-SS-76B | TCL VOC | p-Isopropyltoluene | ug/kg | 40000 | |
| SS-017 | 17-SS-76B | TCL VOC | sec-Butylbenzene | ug/kg | 180000 | |
| SS-017 | 17-SS-76B | TCL VOC | Total VOCs | ug/kg | 972500 | |
| SS-017 | 17-SS-78B | TCL VOC | 1,2,4-Trichlorobenzene | ug/kg | 250 | |
| SS-017 | 17-SS-78B | TCL VOC | 1,2-Dichlorobenzene | ug/kg | 2600 | |
| SS-017 | 17-SS-78B | TCL VOC | 1,3,5-Trimethylbenzene | ug/kg | 2900 | |
| SS-017 | 17-SS-78B | TCL VOC | 1,3-Dichlorobenzene | ug/kg | 1100 | |
| SS-017 | 17-SS-78B | TCL VOC | 1,4-Dichlorobenzene | ug/kg | 1600 | |
| SS-017 | 17-SS-78B | TCL VOC | 2-Chlorotoluene | ug/kg | 250 | |
| SS-017 | 17-SS-78B | TCL VOC | n-Butylbenzene | ug/kg | 1500 | |
| SS-017 | 17-SS-78B | TCL VOC | Naphthalene | ug/kg | 880 | |
| SS-017 | 17-SS-78B | TCL VOC | o-xylene | ug/kg | 1400 | |
| SS-017 | 17-SS-78B | TCL VOC | p-Isopropyltoluene | ug/kg | 4200 | |
| SS-017 | 17-SS-78B | TCL VOC | sec-Butylbenzene | ug/kg | 9600 | |
| SS-017 | 17-SS-78B | TCL VOC | tert-Butylbenzene | ug/kg | 390 | |
| SS-017 | 17-SS-78B | TCL VOC | Total VOCs | ug/kg | 27480 | |
| SS-017 | 17-SS-78B | TCL VOC | Trichloroethylene | ug/kg | 810 | |
| SS-017 | 17-SS-85B | TCL VOC | Toluene | ug/kg | 1.9 | |
| SS-017 | 17-SS-85B | TCL VOC | Total VOCs | ug/kg | 1.9 | |
| SS-017 | 17-SS-87B | TCL VOC | 1,2-Dichlorobenzene | ug/kg | 79 | |
| SS-017 | 17-SS-87B | TCL VOC | Naphthalene | ug/kg | 30 | |
| SS-017 | 17-SS-87B | TCL VOC | Total VOCs | ug/kg | 919 | |
| SS-017 | 17-SS-87B | TCL VOC | Trichloroethylene | ug/kg | 810 | |
| SS-017 | 17-SS-89B | TCL BNA | Benzo(a)anthracene | ug/kg | 410 | J |
| SS-017 | 17-SS-89B | TCL BNA | Benzo(a)pyrene | ug/kg | 370 | J |
| SS-017 | 17-SS-89B | TCL BNA | Benzo(b)fluoranthene | ug/kg | 340 | J |
| SS-017 | 17-SS-89B | TCL BNA | Benzo(k)fluoranthene | ug/kg | 370 | J |
| SS-017 | 17-SS-89B | TCL BNA | Chrysene | ug/kg | 430 | J |
| SS-017 | 17-SS-89B | TCL BNA | Fluoranthene | ug/kg | 700 | |
| SS-017 | 17-SS-89B | TCL BNA | Phenanthrene | ug/kg | 360 | J |

## APPENDIX A
## Subsurface Soil Samples - All Positive Detections

| Area | Sample | Analysis | Compound | Units | Value | Qual |
|---|---|---|---|---|---|---|
| SS-017 | 17-SS-89B | TCL BNA | Pyrene | ug/kg | 610 | J |
| SS-017 | B-6(3-4) | TCL VOC | Methylene chloride | ug/kg | 30 | |
| SS-017 | B-6(3-4) | TCL VOC | Naphthalene | ug/kg | 1.04 | J |
| SS-017 | B-6(3-4) | TCL VOC | Total VOCs | ug/kg | 31.04 | |
| SS-017 | E8(3-4) | VOC | 1,2-Dichlorobenzene | ug/kg | 10.12 | |
| SS-017 | E8(3-4) | VOC | 1,4-Dichlorobenzene | ug/kg | 4.73 | |
| SS-017 | E8(3-4) | VOC | Benzene | ug/kg | 4.63 | |
| SS-017 | E8(3-4) | VOC | Ethylbenzene | ug/kg | 4.52 | |
| SS-017 | E8(3-4) | VOC | m,p-Xylene | ug/kg | 9.16 | |
| SS-017 | E8(3-4) | VOC | o-Xylene | ug/kg | 4.98 | |
| SS-017 | E8(3-4) | VOC | Tetrachloroethene | ug/kg | 1.87 | |
| SS-017 | E8(3-4) | VOC | Toluene | ug/kg | 2.3 | |
| SS-017 | E8(3-4) | VOC | Total VOCs | ug/kg | 44.34 | |
| SS-017 | E8(3-4) | VOC | Trichloroethylene | ug/kg | 2.03 | |
| SS-017 | F1(3-4) | VOC | 1,2-Dichlorobenzene | ug/kg | 6.05 | |
| SS-017 | F1(3-4) | VOC | 1,4-Dichlorobenzene | ug/kg | 1.94 | |
| SS-017 | F1(3-4) | VOC | Benzene | ug/kg | 1.74 | |
| SS-017 | F1(3-4) | VOC | Ethylbenzene | ug/kg | 2.27 | |
| SS-017 | F1(3-4) | VOC | m,p-Xylene | ug/kg | 7.16 | |
| SS-017 | F1(3-4) | VOC | o-Xylene | ug/kg | 3.53 | |
| SS-017 | F1(3-4) | VOC | Toluene | ug/kg | 0.864 | |
| SS-017 | F1(3-4) | VOC | Total VOCs | ug/kg | 23.554 | |
| SS-017 | H-5(3-4) | TCL VOC | 1,2,4-Trimethylbenzene | ug/kg | 9.53 | |
| SS-017 | H-5(3-4) | TCL VOC | 1,3,5-Trimethylbenzene | ug/kg | 2.59 | |
| SS-017 | H-5(3-4) | TCL VOC | Ethylbenzene | ug/kg | 0.996 | |
| SS-017 | H-5(3-4) | TCL VOC | Methylene chloride | ug/kg | 17.4 | |
| SS-017 | H-5(3-4) | TCL VOC | n-Butylbenzene | ug/kg | 9.57 | |
| SS-017 | H-5(3-4) | TCL VOC | Naphthalene | ug/kg | 26.8 | |
| SS-017 | H-5(3-4) | TCL VOC | Total VOCs | ug/kg | 66.886 | |
| SS-017 | IBS-1 | TCL VOC | Methylene chloride | ug/kg | 7.76 | |
| SS-017 | IBS-1 | TCL VOC | Total VOCs | ug/kg | 8.334 | |
| SS-017 | IBS-1 | TCL VOC | Trichloroethylene | ug/kg | 0.574 | J |
| SS-017 | IBS-2 | TCL VOC | Methylene chloride | ug/kg | 2.8 | J |
| SS-017 | IBS-2 | TCL VOC | Total VOCs | ug/kg | 2.8 | |
| SS-017 | IBS-3 | TCL VOC | Methylene chloride | ug/kg | 4.52 | J |
| SS-017 | IBS-3 | TCL VOC | Total VOCs | ug/kg | 4.52 | |

## APPENDIX A
## Subsurface Soil Samples - All Positive Detections

| Area | Sample | Analysis | Compound | Units | Value | Qual |
|---|---|---|---|---|---|---|
| SS-017 | IBS-4 | TCL VOC | Methylene chloride | ug/kg | 10.1 | |
| SS-017 | IBS-4 | TCL VOC | Toluene | ug/kg | 2.77 | |
| SS-017 | IBS-4 | TCL VOC | Total VOCs | ug/kg | 15.02 | |
| SS-017 | IBS-4 | TCL VOC | Trichloroethylene | ug/kg | 2.15 | |
| SS-017 | J6(0-2) | VOC | 1,2-Dichlorobenzene | ug/kg | 38100 | |
| SS-017 | J6(0-2) | VOC | 1,4-Dichlorobenzene | ug/kg | 4940 | |
| SS-017 | J6(0-2) | VOC | Benzene | ug/kg | 7180 | |
| SS-017 | J6(0-2) | VOC | Ethylbenzene | ug/kg | 1900 | |
| SS-017 | J6(0-2) | VOC | m,p-Xylene | ug/kg | 52100 | |
| SS-017 | J6(0-2) | VOC | o-Xylene | ug/kg | 29500 | |
| SS-017 | J6(0-2) | VOC | Toluene | ug/kg | 1103 | |
| SS-017 | J6(0-2) | VOC | Total VOCs | ug/kg | 138463 | |
| SS-017 | J6(0-2) | VOC | Trichloroethylene | ug/kg | 3640 | |
| SS-017 | J6(5-6) | VOC | 1,2-Dichlorobenzene | ug/kg | 26300 | |
| SS-017 | J6(5-6) | VOC | 1,4-Dichlorobenzene | ug/kg | 4840 | |
| SS-017 | J6(5-6) | VOC | Benzene | ug/kg | 2240 | |
| SS-017 | J6(5-6) | VOC | Ethylbenzene | ug/kg | 143 | |
| SS-017 | J6(5-6) | VOC | m,p-Xylene | ug/kg | 11100 | |
| SS-017 | J6(5-6) | VOC | o-Xylene | ug/kg | 9000 | |
| SS-017 | J6(5-6) | VOC | Tetrachloroethene | ug/kg | 292 | |
| SS-017 | J6(5-6) | VOC | Toluene | ug/kg | 242 | |
| SS-017 | J6(5-6) | VOC | Total VOCs | ug/kg | 54214.2 | |
| SS-017 | J6(5-6) | VOC | Trichloroethylene | ug/kg | 57.2 | |
| SS-017 | N5-1(1-2) | TCL BNA | Di-n-butyl phthalate | ug/kg | 213 | J |
| SS-017 | N5-1(1-2) | TCL VOC | Methylene chloride | ug/kg | 82.2 | |
| SS-017 | N5-1(1-2) | TCL VOC | Total VOCs | ug/kg | 99.3 | |
| SS-017 | N5-1(1-2) | TCL VOC | Trichloroethylene | ug/kg | 17.1 | |

APPENDIX
B

# *APPENDIX B*
# *DATA VALIDATION REPORT*

# APPENDIX B-1

DATA VALIDATION REPORTS
SPILL SITES 010 AND 017

SUBSURFACE SOIL SAMPLING RESULTS

# DATA VALIDATION REPORT

Prepared for

PLATTSBURGH AIR FORCE BASE

PLATTSBURGH, NEW YORK

Prepared by

PARSONS ENGINEERING SCIENCE, INC.
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Approved by: D.A. Brown
(Parsons ES Project Manager)

D A B 22 Nov 96
(Signature) (Date)

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# SECTION 1

# DATA VALIDATION SUMMARY

Soil samples were collected from the Plattsburgh Air Force Base (AFB) - Sites 10 and 17 in Plattsburgh, New York from June 11, 1996 through June 27, 1996. Analytical results from these samples were validated and reviewed by Parsons Engineering Science, Inc. (Parsons ES) for usability with respect to the following requirements:

- Quality Assurance Project Plan (QAPjP),
- USEPA SW-846 analytical methods, and
- USEPA Region II Standard Operating Procedures (SOP) in "CLP Organics Data Review and Preliminary Review," SOP No. HW-6, Revision #8, January 1992, and "Evaluation of Metals Data for the CLP Based on SOW 3/90," SOP No. HW-2, Revision #11, January 1992.

The analytical laboratories for this project were OHM Remediation Services Corporation - Analytical Division (OHM) and Adirondack Environmental Services, Inc. (AES). Volatile samples were split between these laboratories for analyses. Since two laboratories were utilized for the analysis of volatile samples, the quantitation limits for the volatile compounds vary. However, semivolatile samples were solely analyzed by OHM.

## 1.1 LABORATORY DATA PACKAGES

The data packages received from OHM and AES were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation reports which are summarized by site in Section 2.

## 1.2 SAMPLING AND CHAIN-OF-CUSTODY

Soil samples were collected, properly preserved, shipped under a chain-of-custody (COC) record, and received at OHM within one day of sampling. Certain volatile samples were shipped from OHM to AES, and were received by AES within thirteen to fourteen days of sampling without exceeding analytical holding time requirements. All samples were received intact and in good condition at OHM and AES.

## 1.3 LABORATORY ANALYTICAL METHODS

Soil samples were collected from the Sites 10 and 17 and analyzed for volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs). Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.2. The data qualifications resulting from the data validation review and statements on the

laboratory analytical precision, accuracy, representativeness, completeness, and comparability (PARCC) are discussed for each analytical method by site in Section 2. The laboratory data were reviewed and qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented by site in Attachment A.

### 1.3.1 Volatile Organic Analysis

The soil samples collected from the Plattsburgh AFB - Sites 10 and 17 were analyzed for VOCs using the USEPA SW-846 8021 analytical method. Certain reported results for the VOC samples were qualified as estimated due to noncompliant sample holding times, surrogate recoveries, instrument calibrations, and field duplicate precision. Certain reported sample volatile results were considered unusable and qualified as "R" due to poor responses in the initial and/or continuing calibrations for dichlorodifluoromethane and chloromethane. Therefore the VOC analyses were 99.3% to 99.6% complete for the soil data presented by OHM and AES, and PARCC requirements were met overall.

### 1.3.2 Semivolatile Organic Analysis

The soil samples collected from the Plattsburgh AFB - Sites 10 and 17 were analyzed for SVOCs using the USEPA SW-846 8270 analytical method. Certain reported results for the SVOC samples were qualified as estimated due to noncompliant sample holding times, instrument calibrations, and field duplicate precision. Certain reported sample semivolatile results were considered unusable and qualified as "R" due to poor responses in the continuing calibrations for carbazole. Therefore, the SVOC analyses were 99.8% to 99.9% complete for the soil data presented by OHM, and PARCC requirements were met overall.

# SECTION 2

# DATA VALIDATION REPORTS BY SITE

## 2.1 SITE 10

Data review has been completed for Site 10 data packages generated by OHM and AES containing soil samples collected from Plattsburgh AFB. The specific samples, the analyses performed, and a usability summary are presented in Table 2.1-1. All of the samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data for these samples from Site 10 are presented in Attachment A.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs for organic and inorganic data review. Approximately ten percent of all samples collected from Site 10 were fully validated (USEPA Level IV). These samples are indicated in Table 2.1-1. All remaining samples were evaluated at a USEPA Level III data validation. This data validation and usability report is presented by analysis type.

### 2.1.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Matrix spike blank (MSB) recoveries
- Laboratory method blank and field/trip blank contamination
- GC instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Field duplicate precision
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of holding times; surrogate recoveries; MS/MSD precision and accuracy; blank contamination; continuing calibrations; and field duplicate precision.

## TABLE 2.1-1

## SUMMARY OF SAMPLE ANALYSES AND USABILITY FOR SITE 10

## PLATTSBURGH AFB

| SAMPLE ID | MATRIX | SAMPLE DATE | VOC | SVOC | FOOTNOTES |
|---|---|---|---|---|---|
| 10-SS-1 | Soil | 6/27/96 | OK | NO | 1 |
| 10-SS-2 | Soil | 6/27/96 | OK | OK | |
| 10-SS-3 | Soil | 6/27/96 | OK | OK | |
| DUP-1 (10-SS-3DUP) | Soil | 6/27/96 | OK | OK | |
| 10-SS-4 | Soil | 6/27/96 | OK | OK | |
| 10-SS-5 | Soil | 6/27/96 | OK | OK | |
| DUP-2 (10-SS-5DUP) | Soil | 6/27/96 | OK | OK | |
| 10-SS-6* | Soil | 6/27/96 | OK | OK | |
| DUP-3 (10-SS-6DUP) | Soil | 6/27/96 | OK | OK | |
| 10-SS-7* | Soil | 6/27/96 | OK | OK | |
| DUP-4 (10-SS-7DUP) | Soil | 6/27/96 | OK | OK | |
| 10-SS-8 | Soil | 6/27/96 | OK | OK | |
| DUP-5 (10-SS-8DUP) | Soil | 6/27/96 | OK | OK | |
| 10-SS-9 | Soil | 6/27/96 | OK | OK | |
| DUP-6 (10-SS-9DUP) | Soil | 6/27/96 | OK | OK | |
| 10-SS-10 | Soil | 6/27/96 | OK | OK | |
| DUP-7 (10-SS-10DUP) | Soil | 6/27/96 | OK | OK | |
| 10-SS-11 | Soil | 6/27/96 | OK | OK | |
| 10-SS-12 | Soil | 6/27/96 | OK | OK | |
| 10-SS-13 | Soil | 6/27/96 | OK | OK | |
| 10-SS-14 | Soil | 6/27/96 | OK | OK | |
| DUP-8 (10-SS-14DUP) | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-15 | Soil | 6/27/96 | OK | OK | |
| 10-SS-16 | Soil | 6/27/96 | OK | OK | |

**TABLE 2.1-1**
**(Continued)**

## SUMMARY OF SAMPLE ANALYSES AND USABILITY FOR SITE 10

## PLATTSBURGH AFB

| SAMPLE ID | MATRIX | SAMPLE DATE | VOC | SVOC | FOOTNOTES |
|---|---|---|---|---|---|
| 10-SS-17 | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-18 | Soil | 6/27/96 | OK | OK | |
| 10-SS-19 | Soil | 6/27/96 | OK | OK | |
| 10-SS-20 | Soil | 6/27/96 | NO | NO | 1,2 |
| 10-SS-21 | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-22* | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-23* | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-24 | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-25 | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-26 | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-27 | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-28 | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-29 | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-30 | Soil | 6/27/96 | NO | OK | 2 |
| DUP-9 (10-SS-30DUP) | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-31 | Soil | 6/27/96 | NO | OK | 2 |
| 10-SS-32 | Soil | 6/27/96 | NO | OK | 2 |
| BLANK | Water | 6/27/96 | OK | NO | 1 |
| TB-1 | Water | 6/27/96 | OK | | |
| TRIP BLANK | Water | 6/27/96 | NO | | 2 |
| TRIP BLANK | Water | 6/27/96 | OK | | |
| TOTAL SAMPLES: | | | 45 | 42 | |

NOTES: * - Fully validated sample.

OK - Sample analysis considered valid and usable.

NO - Sample analysis has noncompliance(s) resulting in unusable data. See appropriate footnote.

FOOTNOTES: 1 - Poor semivolatile calibration response for carbazole.

2 - Poor volatile calibration responses for chloromethane and/or dichlorodifluoromethane.

Holding Times

All sample holding times were compliant for volatile analysis with the exception of samples 10-SS-14DUP, 10-SS-20, 10-SS-21, 10-SS-22, 10-SS-23, 10-SS-25, 10-SS-26, 10-SS-30, 10-SS-30DUP, TRIP BLANK, and TB-1 which exceeded the 14 day holding time requirement by five to six days. Therefore, all results for these samples were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ".

Surrogate Recoveries

Recoveries of sample surrogates were compliant and within QC criteria with the exception of the 1,4-dichlorobutane recovery in samples 10-SS-14 (145%), 10-SS-16 (146%), and 10-SS-14DUP (136%), and the trifluorotoluene recovery in samples 10-SS-17 (264%), 10-SS-21 (168%), 10-SS-24 (164%), and 10-SS-31 (136%). Positive results in these samples were considered estimated, possibly biased high, and qualified "J" since recoveries exceeded the QC limit for both surrogates of 30-130%.

MS/MSD Precision and Accuracy

MS/MSD analyses were performed for soil samples 10-SS-5DUP, 10-SS-19, and 10-SS-23. All of the relative percent differences (RPD) and spike recoveries (%R) were within QC limits with the exception of the RPDs and recoveries specified in Table 2.1.1-1. Validation qualification was not warranted since there were no interferences resulting from matrix effects in the unspiked samples 10-SS-5DUP, 10-SS-19, and 10-SS-23 during analysis.

Blank Contamination

The trip blanks (TB-1 TRIP BLANK, TRIP BLANK), the field blank (BLANK), and the laboratory method blanks (BLANK 07/10A, BLANK 07/10A, BLANK 07/10B, BLANK 07/11, WBLK01A, WBLK01B, WBLK01C, and WBLK01D) associated with samples for Site 10 contained VOCs at concentrations summarized in Table 2.1.1-2. All associated sample results with concentrations greater than the quantitation limit and greater than the validation action concentration were acceptable and reported unqualified. However, all associated sample results with concentrations less than the validation action concentration were considered not detected and qualified "U".

As a result, the presence of contaminants in these blanks may be indicative of volatile sample contamination from the laboratory, sample transport and storage, and/or field practices. Sample results were qualified with a "B" by the laboratory for those cases where the associated laboratory method blank also contained the volatile target compound and, therefore, was considered a laboratory artifact.

## TABLE 2.1.1-1

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) OUTLIERS

## PLATTSBURGH AFB

| MS/MSD SAMPLE ID | COMPOUND | MS %R | MSD %R | RPD | QC LIMIT %R | QC LIMIT RPD |
|---|---|---|---|---|---|---|
| 10-SS-19 | 1,2-Dibromo-3-Chloropropane | 69 | * | * | 73-139 | |
| | Trichloroethylene | * | 148 | * | 35-146 | |
| | 1,3-Dichloropropane | * | * | 16 | | 0-14 |
| 10-SS-23 | Trichloroethylene | 25 | 32 | 25 | 35-146 | 0-21 |
| | n-Butylbenzene | 285 | 320 | * | 29-125 | |
| | Isopropylbenzene | * | 147 | 39 | 48-127 | 0-19 |
| | Styrene | * | * | 20 | | 0-19 |

NOTES: %R = Percent Recovery
RPD = Relative Percent Difference
* = %R/RPD within QC limit

# TABLE 2.1.1-2

## DETECTED VOCs IN BLANKS

## PLATTSBURGH AFB

| BLANK ID | VOC | CONCENTRATION (µg/kg) | QUANTITATION LIMIT (µg/kg) | VALIDATION ACTION CONCENTRATION [1] (µg/kg) | AFFECTED SAMPLES |
|---|---|---|---|---|---|
| BLANK 07/10A | Methylene Chloride | 34 | 1 | 340 | 10-SS-1, 10-SS-5, 10-SS-7, 10-SS-9, 10-SS-11, 10-SS-13, 10-SS-7DUP |
| BLANK 07/10B | Methylene Chloride | 38 | 1 | 380 | 10-SS-2, 10-SS-4, 10-SS-6, 10-SS-8, 10-SS-10, 10-SS-12, 10-SS-3DUP, 10-SS-6DUP, 10-SS-8DUP, 10-SS-10DUP, TB-1 |
| BLANK 07/11 | Methylene Chloride | 28 | 1 | 280 | 10-SS-3, 10-SS-9DUP, BLANK, TRIP BLANK |
| WBLK01A | Methylene Chloride | 2 | 5 | 20 | 10-SS-14, 10-SS-15 10-SS-16, 10-SS-18 |
| WBLK01B | Methylene Chloride | 600 | 1300 | 6000 | 10-SS-17, 10-SS-21 10-SS-23, 10-SS-24 |
| WBLK01C | Methylene Chloride | 2 | 5 | 20 | 10-SS-19, 10-SS-20 10-SS-22, 10-SS-25 10-SS-26, 10-SS-27 10-SS-28, 10-SS-29 10-SS-30, 10-SS-30DUP, 10-SS-31, 10-SS-3 10-SS-14DUP |
| WBLK01D | Methylene Chloride | 7 µg/L | 5 µg/L | 70 µg/L | TRIP BLANK |
| TRIP BLANK | Methylene Chloride<br>Trichloroethylene | 4 µg/L<br>3 µg/L | 1 µg/L<br>1 µg/L | 40 µg/L<br>15 µg/L | 10-SS-14, 10-SS-14DUP, 10-SS-15, 10-SS- 10-SS-17, 10-SS- 10-SS-19, 10-SS- 10-SS-21, 10-SS- 10-SS-23, 10-SS- 10-SS-25, 10-SS- 10-SS-27, 10-SS- 10-SS-29, 10-SS- 10-SS-30DUP, 10-SS-31, 10-SS |

## TABLE 2.1.2-1

## SEMIVOLATILE INITIAL CALIBRATION OUTLIERS

## PLATTSBURGH AFB

| INITIAL CALIBRATION DATE - INSTRUMENT | COMPOUND | %RSD [1] | AFFECTED SAMPLES |
|---|---|---|---|
| 6/30/96 - MSE | 4-chlorophenylphenylether | 34.512 | 10-SS-1, 10-SS-20, BLANK |
| | Carbazole | 40.849 | |
| 7/11/96 - MSE | Carbazole | 35.339 | 10-SS-2, 10-SS-3, 10-SS-3DUP, 10-SS-4, 10-SS-5, 10-SS-5DUP, 10-SS-6, 10-SS-6DUP, 10-SS-7, 10-SS-8, 10-SS-9, 10-SS-10, 10-SS-11, 10-SS-12 |

NOTES: [1] - Relative Standard Deviation.

## TABLE 2.1.2-2

## SEMIVOLATILE CONTINUING CALIBRATION OUTLIERS

## PLATTSBURGH AFB

| CONTINUING CALIBRATION DATE - TIME | FILE ID | COMPOUND | %D [1] | AFFECTED SAMPLES |
|---|---|---|---|---|
| 7/1/96 - 10:34 | E10600 | 4-Nitroaniline | 26.2 | 10-SS-1 |
| | | Carbazole | 112.3 | |
| 7/3/96 - 10:14 | E10638 | Carbazole | 99.2 | BLANK |
| 7/8/96 - 10:08 | B02089 | 2,4-Dinitrophenol | 50.5 | 10-SS-7DUP |
| 7/9/96 - 13:24 | B02111 | 2,4-Dinitrophenol | 48.5 | 10-SS-8DUP, 10-SS-9DUP, |
| | | 2,4-Dinitrotoluene | 27.9 | 10-SS-10DUP, 10-SS-14, |
| | | | | 10-SS-15, 10-SS-16, |
| | | | | 10-SS-17, 10-SS-18, |
| | | | | 10-SS-19 |
| 7/12/96 - 09:32 | | N-Nitrosodi-n-propylamine | 25.6 | 10-SS-3DUP, 10-SS-5DUP, |
| | | 4-Chloroaniline | 29.4 | 10-SS-6DUP, 10-SS-10, |
| | | 3-Nitroaniline | 68.3 | 10-SS-11, 10-SS-12, |
| | | | | 10-SS-13, 10-SS-6, |
| | | | | 10-SS-7, 10-SS-9 |
| 7/5/96 - 10:45 | | Carbazole | 90.0 | 10-SS-20 |

NOTES: [1] - Percent Difference.

- benzo(a)pyrene (3700 and 410 µg/kg, respectively); and
- indeno(1,2,3-cd)pyrene (1800 and 240µg/kg, respectively).

Therefore, these results were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

Surrogate Recoveries

Recoveries of sample surrogates were compliant and within QC criteria with the exception of the 1,4-dichlorobutane recovery in samples N5-1(1-2) (151%), 17-SS-3 (141%), 17-SS-34 (145%), 17-SS-35 (138%), 17-SS-60 (139%), and 17-SS-61 (139%), and the trifluorotoluene recovery in 17-SS-54 (141%) and 17-SS-18 (173%). Positive results in these samples were considered estimated, possibly biased high, and qualified "J" since recoveries exceeded the QC limit for both surrogates of 30-130%.

Usability

All semivolatile sample results were considered usable following data validation with the exception of the nondetected carbazole results for samples 10-SS-1, BLANK, and 10-SS-20 due to poor continuing calibration responses for this compound.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The semivolatile data presented by OHM were 99.9% complete. The validated semivolatile laboratory data are tabulated and presented in Attachment A.

## 2.2 SITE 17

Data review has been completed for Site 17 data packages generated by OHM and AES containing soil samples collected from Plattsburgh AFB. The specific samples, the analyses performed, and a usability summary are presented in Table 2.2-1. All of the samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data for these samples from Site 17 are presented in Attachment A.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs for organic and inorganic data review. Approximately ten percent of all samples collected from Site 17 were fully validated (USEPA Level IV). These samples are indicated in Table 2.2-1. All remaining samples were evaluated at a USEPA Level III data validation. This data validation and usability report is presented by analysis type.

### 2.2.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

## TABLE 2.2-1
## SUMMARY OF SAMPLE ANALYSES AND USABILITY FOR SITE 17
## PLATTSBURGH AFB

| SAMPLE ID | MATRIX | SAMPLE DATE | VOC | SVOC | FOOTNOTES |
|---|---|---|---|---|---|
| H-5(3-4)* | Soil | 6/11/96 | OK | OK | |
| B-6(3-4) | Soil | 6/11/96 | OK | OK | |
| N5-1(1-2) | Soil | 6/11/96 | OK | OK | |
| IBS-1 | Soil | 6/18/96 | OK | OK | |
| IBS-2* | Soil | 6/18/96 | OK | OK | |
| IBS-3 | Soil | 6/18/96 | OK | OK | |
| IBS-4 | Soil | 6/18/96 | OK | OK | |
| 17-SS-1 | Soil | 6/20/96 | OK | OK | |
| 17-SS-2 | Soil | 6/20/96 | OK | OK | |
| 17-SS-3 | Soil | 6/20/96 | OK | OK | |
| 17-SS-4 | Soil | 6/20/96 | OK | OK | |
| 17-SS-5* | Soil | 6/20/96 | OK | OK | |
| 17-SS-6 | Soil | 6/20/96 | OK | OK | |
| 17-SS-7 | Soil | 6/20/96 | OK | OK | |
| 17-SS-8 | Soil | 6/24/96 | OK | OK | |
| 17-SS-9 | Soil | 6/24/96 | OK | OK | |
| 17-SS-10 | Soil | 6/24/96 | OK | OK | |
| 17-SS-11 | Soil | 6/24/96 | OK | OK | |
| 17-SS-12 | Soil | 6/24/96 | OK | OK | |
| 17-SS-13 | Soil | 6/24/96 | OK | OK | |
| 17-SS-14 | Soil | 6/24/96 | OK | OK | |
| 17-SS-15* | Soil | 6/24/96 | OK | OK | |
| 17-SS-16 | Soil | 6/24/96 | OK | OK | |
| 17-SS-17 | Soil | 6/24/96 | OK | OK | |
| 17-SS-18 | Soil | 6/24/96 | OK | OK | |
| 17-SS-19 | Soil | 6/24/96 | OK | OK | |
| 17-SS-20 | Soil | 6/24/96 | OK | OK | |
| 17-SS-21 | Soil | 6/24/96 | OK | OK | |
| 17-SS-21DUP | Soil | 6/24/96 | OK | OK | |
| 17-SS-22 | Soil | 6/24/96 | OK | OK | |

TABLE 2.2-1
(Continued)

SUMMARY OF SAMPLE ANALYSES AND USABILITY FOR SITE 17

PLATTSBURGH AFB

| SAMPLE ID | MATRIX | SAMPLE DATE | VOC | SVOC | FOOTNOTES |
|---|---|---|---|---|---|
| 17-SS-23 | Soil | 6/25/96 | NO | OK | 1 |
| 17-SS-24 | Soil | 6/25/96 | NO | OK | 1 |
| 17-SS-25 | Soil | 6/25/96 | NO | OK | 1 |
| 17-SS-26 | Soil | 6/25/96 | OK | OK | |
| 17-SS-27 | Soil | 6/25/96 | OK | OK | |
| 17-SS-28 | Soil | 6/25/96 | OK | NO | 2 |
| 17-SS-29 | Soil | 6/25/96 | OK | NO | 2 |
| 17-SS-30 | Soil | 6/25/96 | OK | OK | |
| 17-SS-31 | Soil | 6/25/96 | OK | OK | |
| 17-SS-32 | Soil | 6/25/96 | NO | NO | 1,2 |
| 17-SS-33 | Soil | 6/25/96 | OK | OK | |
| 17-SS-34 | Soil | 6/25/96 | NO | OK | 1 |
| 17-SS-35 | Soil | 6/25/96 | OK | OK | |
| 17-SS-36 | Soil | 6/25/96 | NO | NO | 1,2 |
| 17-SS-37 | Soil | 6/25/96 | NO | NO | 1,2 |
| 17-SS-38* | Soil | 6/25/96 | NO | NO | 1,2 |
| 17-SS-38DUP | Soil | 6/25/96 | NO | OK | 1 |
| 17-SS-39 | Soil | 6/25/96 | NO | OK | 1 |
| 17-SS-40 | Soil | 6/25/96 | NO | OK | 1 |
| 17-SS-41 | Soil | 6/25/96 | NO | OK | 1 |
| 17-SS-42 | Soil | 6/25/96 | NO | OK | 1 |
| 17-SS-43 | Soil | 6/25/96 | NO | OK | 1 |
| 17-SS-44* | Soil | 6/25/96 | NO | OK | 1 |
| 17-SS-45 | Soil | 6/25/96 | NO | OK | 1 |
| 17-SS-46 | Soil | 6/25/96 | OK | OK | |
| 17-SS-47 | Soil | 6/25/96 | OK | OK | |
| 17-SS-48 | Soil | 6/26/96 | OK | OK | |
| 17-SS-49 | Soil | 6/26/96 | OK | OK | |
| 17-SS-50 | Soil | 6/26/96 | OK | OK | |
| 17-SS-51 | Soil | 6/26/96 | OK | OK | |

## TABLE 2.2-1
## (Continued)
## SUMMARY OF SAMPLE ANALYSES AND USABILITY FOR SITE 17

## PLATTSBURGH AFB

| SAMPLE ID | MATRIX | SAMPLE DATE | VOC | SVOC | FOOTNOTES |
|---|---|---|---|---|---|
| 17-SS-52 | Soil | 6/26/96 | OK | OK | |
| 17-SS-53* | Soil | 6/26/96 | OK | OK | |
| 17-SS-54* | Soil | 6/26/96 | OK | OK | |
| 17-SS-55 | Soil | 6/26/96 | OK | OK | |
| 17-SS-56 | Soil | 6/26/96 | OK | OK | |
| 17-SS-57 | Soil | 6/26/96 | OK | OK | |
| 17-SS-59 | Soil | 6/26/96 | OK | OK | |
| 17-SS-60 | Soil | 6/26/96 | OK | OK | |
| 17-SS-61 | Soil | 6/26/96 | OK | OK | |
| 17-SS-64 | Soil | 6/26/96 | OK | OK | |
| 17-SS-65 | Soil | 6/26/96 | OK | OK | |
| 17-SS-66 | Soil | 6/26/96 | OK | OK | |
| 17-SS-67 | Soil | 6/26/96 | OK | OK | |
| 17-SS-68 | Soil | 6/26/96 | OK | OK | |
| 17-SS-69 | Soil | 6/26/96 | OK | OK | |
| 17-SS-70 | Soil | 6/26/96 | OK | OK | |
| 17-SS-71 | Soil | 6/26/96 | OK | OK | |
| 17-SS-72 | Soil | 6/26/96 | OK | OK | |
| TRIP 6/18 | Water | 6/18/96 | OK | | |
| TRIP BLANK | Water | 6/25/96 | NO | | 1 |
| TRIP BLANK | Water | 6/26/96 | NO | | 1 |
| EQUIP. BLANK | Water | 6/24/96 | NO | | 1 |
| BLANK-2 | Water | 6/25/96 | NO | OK | 1 |
| BLANK-3 | Water | 6/26/96 | OK | OK | |
| TOTAL SAMPLES: | | | 84 | 80 | |

NOTES: * - Fully validated sample.
OK - Sample analysis considered valid and usable.
NO - Sample analysis has noncompliance(s) resulting in unusable data. See appropriate footnote.

FOOTNOTES: 1 - Poor volatile calibration responses for chloromethane and/or dichlorofluoromethane.
2 - Poor semivolatile calibration response for carbazole.

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Matrix spike blank (MSB) recoveries
- Laboratory method blank and field/trip blank contamination
- GC instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Field duplicate precision
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of holding times; surrogate recoveries; MS/MSD precision and accuracy; blank contamination; initial and continuing calibrations; and field duplicate precision.

Holding Times

All sample holding times were compliant for volatile analysis with the exception of samples TRIP, TRIP BLANK, TRIP BLANK, 17-SS-32, 17-SS-33, 17-SS-35, 17-SS-48, 17-SS-61, 17-SS-64, and BLANK-2 which exceeded the 14 day holding time requirement by two to eight days. Therefore, all results for these samples were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ".

Surrogate Recoveries

Recoveries of sample surrogates were compliant and within QC criteria with the exception of the 1,4-dichlorobutane recovery in samples N5-1(1-2) (151%), 17-SS-3 (141%), 17-SS-34 (145%), 17-SS-35 (138%), 17-SS-60 (139%), and 17-SS-61 (139%), and the trifluorotoluene recovery in 17-SS-54 (141%) and 17-SS-18 (173%). Positive results in these samples were considered estimated, possibly biased high, and qualified 'J' since recoveries exceeded the QC limit for both surrogates of 30-130%.

MS/MSD Precision and Accuracy

MS/MSD analyses were performed for soil samples N5-1(1-2), IBS-4, 17-SS-27, 17-SS-44, 17-SS-47, and 17-SS-72. All of the relative percent differences (RPD) and spike recoveries (%R) were within QC limits with the exception of the RPDs and recoveries specified in Table 2.2.1-1. Validation qualification was not warranted due to these noncompliances.

## TABLE 2.2.1-1
## MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) OUTLIERS
## PLATTSBURGH AFB

| MS/MSD SAMPLE ID | COMPOUND | MS %R | MSD %R | RPD | QC LIMIT %R | QC LIMIT RPD |
|---|---|---|---|---|---|---|
| N5-1(1-2) | Dichlorofluoromethane | 207 | 215 | * | 29-150 | |
| | Chloromethane | 271 | 256 | * | 1-193 | |
| | Bromomethane | 230 | 242 | * | 1-144 | |
| | Chloroethane | 259 | 262 | * | 46-137 | |
| | Trichlorofluoromethane | 210 | 215 | * | 21-156 | |
| | 1,1-Dichloroethylene | 220 | 173 | * | 28-167 | |
| | trans-1,2-Dichloroethene | 223 | 209 | * | 38-155 | |
| | 1,1-Dichloroethane | 217 | 216 | * | 47-132 | |
| | 2,2-Dichloropropane | 200 | 196 | * | 77-138 | |
| | cis-1,2-Dichloroethene | 200 | 196 | * | 77-142 | |
| | Bromochloromethane | 223 | 211 | * | 69-145 | |
| | Chloroform | 192 | 190 | * | 49-133 | |
| | 1,1,1-Trichloroethane | 194 | 188 | * | 41-138 | |
| | 1,1-Dichloropropene | 181 | 173 | * | 70-142 | |
| | 1,2-Dichloroethane | 219 | 210 | * | 51-147 | |
| | 1,2-Dichloropropane | 195 | 193 | * | 44-156 | |
| | Dibromomethane | 221 | 190 | * | 78-139 | |
| | Dichlorobromomethane | 185 | 181 | * | 42-172 | |
| | 1,1,2-Trichloroethane | 180 | 179 | * | 39-136 | |
| | 1,3-Dichloropropane | 184 | 181 | * | 80-137 | |
| | Ethylene Dibromide | 178 | 170 | * | 78-141 | |
| | Chlorobenzene | 136 | * | * | 55-135 | |
| | 1,1,1,2-Tetrachloroethane | 148 | 141 | * | 80-136 | |
| | 1,2,4-Trichlorobenzene | 26 | 26 | * | 33-121 | |
| | 1,2,3-Trichlorobenzene | 19 | 20 | * | 29-121 | |
| | Carbon Tetrachloride | 171 | 163 | * | 43-143 | |
| IBS-4 | Chloroethane | 155 | 152 | * | 46-137 | 0-21 |
| | Chloroform | 167 | 165 | * | 49-133 | |
| | Dichlorodifluoromethane | 159 | 158 | * | 29-150 | |

TABLE 2.2.1-1
(Continued)

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) OUTLIERS

PLATTSBURGH AFB

| MS/MSD SAMPLE ID | COMPOUND | MS %R | MSD %R | RPD | QC LIMIT %R | QC LIMIT RPD |
|---|---|---|---|---|---|---|
| IBS-4 (Continued) | 1,1-Dichloroethane | 173 | 160 | * | 47-132 | |
| | 1,2-Dichloropropane | 166 | * | * | 44-156 | |
| | Methylene Chloride | 246 | 239 | * | 25-162 | |
| | 1,1,1-Trichloroethane | 152 | 149 | * | 41-138 | |
| | 1,1,2-Trichloroethane | 157 | 154 | * | 39-136 | |
| | Trichlorofluoromethane | 166 | 172 | * | 21-156 | |
| | 1,1,1,2-Tetrachloroethane | 138 | 137 | * | 80-136 | |
| | cis-1,2-Dichloroethene | 150 | 145 | * | 77-142 | |
| | 1,3-Dichloropropane | 155 | 152 | * | 80-137 | |
| | 2,2-Dichloropropane | 150 | 145 | * | 77-138 | |
| | Bromochloromethane | 163 | 162 | * | 69-145 | |
| | Dibromomethane | 165 | 160 | * | 78-139 | |
| | Ethylene Dibromide | 150 | 144 | * | 78-141 | |
| 17-SS-27 | 1,1-Dichloropropene | * | * | 28 | | 0-19 |
| 17-SS-47 | Chloroethane | 143 | * | * | 46-137 | |
| | 1,1-Dichloroethane | 154 | * | 22 | 47-132 | 0-20 |
| | Bromochloromethane | 153 | * | * | 69-145 | |
| | Chloroform | 150 | * | * | 49-133 | |
| | 1,1,1-Trichloroethane | 142 | * | * | 41-138 | |
| | 1,2-Dichloroethane | 151 | * | 26 | 51-147 | 0-23 |
| | Dibromomethane | 157 | 141 | * | 78-139 | |
| | 1,1,2-Trichloroethane | 146 | 137 | * | 39-136 | |
| | 1,3-Dichloropropane | 143 | * | * | 80-137 | |
| | 1,2-Dichlorobenzene | 0 | 0 | * | 37-154 | |
| | Styrene | 34 | * | 97 | 40-126 | 0-19 |
| | Methylene Chloride | * | * | 46 | | 0-32 |

NOTES: %R = Percent Recovery
RPD = Relative Percent Difference
* = %R/RPD within QC limit

Blank Contamination

The trip blanks (TRIP 6/18, TRIP BLANK, and TRIP BLANK); the field blanks (EQUIP. BLANK, BLANK-2, and BLANK-3), and the laboratory method blanks (WBLK01A, WBLK01B, WBLK01C, WBLK01D, WBLK0IE, WBLK0IF BLANK 07/10A, and BLANK 07/10B) associated with samples from Site 17 contained VOCs at concentrations summarized in Table 2.2.1-2. All associated sample results with concentrations greater than the quantitation limit and greater than the validation action concentration were acceptable and reported unqualified. However, all associated sample results with concentrations less than the validation action concentration were considered not detected and qualified "U".

As a result, the presence of contaminants in these blanks may be indicative of volatile sample contamination from the laboratory, sample transport and storage, and/or field practices. Sample results were qualified with a "B" by the laboratory for those cases where the associated laboratory method blank also contained the volatile target compound and, therefore, was considered a laboratory artifact.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30% with the exception of those compounds summarized in Table 2.2.1-3 which were outside the QC limits of 30% for maximum %RSD. The positive sample results for these noncompliant compounds were considered estimated and qualified "J" in the affected samples.

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum percent difference (%D) of ±25% with the exception of those compounds summarized in Table 2.2.1-4 which were outside the ±25% QC limit. The sample results for those noncompliant compounds where %D was less than 90%, were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" in the affected samples. However, the nondetected sample results for those noncompliant compounds where the %D was greater than 90% were considered unusable and qualified "R".

Field Duplicate Precision

Samples 17-SS-21DUP and 17-SS-38DUP were collected as duplicate samples of 17-SS-21 and 17-SS-38, respectively. All reported results for these duplicate pairs were acceptable with the exception of trichloroethylene for 17-SS-21 (2 µg/kg) and 17-SS-21DUP (not detected), and 17-SS-38 (not detected) and 17-SS-38DUP (2 µg/kg). These results were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

# TABLE 2.2.1-2
# DETECTED VOCs IN BLANKS
# PLATTSBURGH AFB

| BLANK ID | VOC | CONCENTRATION (µg/kg) | QUANTITATION LIMIT (µg/kg) | VALIDATION ACTION CONCENTRATION [1] (µg/kg) | AFFECTED SAMPLES |
|---|---|---|---|---|---|
| WBLK01A | Methylene Chloride | 4 | 5 | 40 | H-5(3-4), B-6(3-4), N5-1(1-2), IBS-1, IBS-2, IBS-3, IBS-4, 17-SS-1, 17-SS-2, 17-SS-3, 17-SS-4, 17-SS-5, 17-SS-6, 17-SS-7, 17-SS-8 |
| WBLK01B | Methylene Chloride | 5 µg/L | 5 µg/L | 50 µg/L | TRIP 6/18, EQUIP. BLANK, BLANK-3 |
| WBLK01C | Methylene Chloride | 3 | 5 | 30 | 17-SS-9, 17-SS-10, 17-SS-11, 17-SS-12, 17-SS-13, 17-SS-14, 17-SS-15, 17-SS-16, 17-SS-17, 17-SS-18, 17-SS-19, 17-SS-20, 17-SS-21, 17-SS-21DUP, 17-SS-22, 17-SS-23, 17-SS-24, 17-SS-25, 17-SS-26, 17-SS-27 |
| WBLK01D | Methylene Chloride | 2 | 5 | 20 | 17-SS-28, 17-SS-29, 17-SS-30, 17-SS-31, 17-SS-33, 17-SS-34, 17-SS-35, 17-SS-36, 17-SS-37, 17-SS-38, 17-SS-38DUP, 17-SS-39, 17-SS-40, 17-SS-41, 17-SS-42, 17-SS-43, 17-SS-44, 17-SS-45, 17-SS-46, 17-SS-47 |
| WBLK01E | Methylene Chloride | 600 | 1300 | 6000 | 17-SS-32 |
| WBLK01F | Methylene Chloride | 7 µg/L | 5 µg/L | 70 µg/L | TRIP BLANK, TRIP BLANK, BLANK-2 |
| BLANK 07/10A | Methylene Chloride | 34 | 1 | 340 | 17-SS-66, 17-SS-68, 17-SS-70, 17-SS-72 |
| BLANK 07/10B | Methylene Chloride | 38 | 1 | 380 | 17-SS-67, 17-SS-69, 17-SS-71 |
| TRIP 6/18 | Methylene Chloride | 1 µg/L | 5 µg/L | 10 µg/L | IBS-1, IBS-2, IBS-3, IBS-4 |

## TABLE 2.2.1-2
## (Continued)
## DETECTED VOCs IN BLANKS
## PLATTSBURGH AFB

| BLANK ID | VOC | CONCENTRATION (µg/kg) | QUANTITATION LIMIT (µg/kg) | VALIDATION ACTION CONCENTRATION [1] (µg/kg) | AFFECTED SAMPLES |
|---|---|---|---|---|---|
| TRIP BLANK | Methylene Chloride | 5 µg/L | 5 µg/L | 50 µg/L | 17-SS-23, 17-SS-24, 17-SS-25, 17-SS-26, 17-SS-27, 17-SS-28, 17-SS-29, 17-SS-30, 17-SS-31, 17-SS-32, 17-SS-33, 17-SS-34, 17-SS-35, 17-SS-36, 17-SS-37, 17-SS-38, 17-SS-38DUP, 17-SS-39 |
| TRIP BLANK | Methylene Chloride | 3 µg/L | 5 µg/L | 30 µg/L | 17-SS-48, 17-SS-49, 17-SS-50, 17-SS-51, 17-SS-52, 17-SS-53, 17-SS-54, 17-SS-55, 17-SS-56, 17-SS-57, 17-SS-59, 17-SS-60, 17-SS-61, 17-SS-64, 17-SS-65, 17-SS-66, 17-SS-67, 17-SS-68, 17-SS-69, 17-SS-70, 17-SS-71, 17-SS-72 |
| EQUIP. BLANK | Methylene Chloride | 4 µg/L | 5 µg/L | 40 µg/L | 17-SS-8, 17-SS-9, 17-SS-10, 17-SS-11, 17-SS-12, 17-SS-13, 17-SS-14, 17-SS-15, 17-SS-16, 17-SS-17, 17-SS-18, 17-SS-19, 17-SS-20, 17-SS-21, 17-SS-21DUP, 17-SS-22 |
| BLANK-2 | Methylene Chloride<br>Trichloroethylene | 6 µg/L<br>1 µg/L | 5 µg/L<br>1 µg/L | 50 µg/L<br>5 µg/L | 17-SS-40, 17-SS-41, 17-SS-42, 17-SS-43, 17-SS-44, 17-SS-45, 17-SS-46, 17-SS-47 |
| BLANK-3 | Methylene Chloride | 3 µg/L | 5 µg/L | 30 µg/L | 17-SS-48, 17-SS-49, 17-SS-50, 17-SS-51, 17-SS-52, 17-SS-53, 17-SS-54, 17-SS-55, 17-SS-56, 17-SS-57, 17-SS-59, 17-SS-60, 17-SS-61, 17-SS-64, 17-SS-65, 17-SS-66, 17-SS-67, 17-SS-68, 17-SS-69, 17-SS-70, 17-SS-71, 17-SS-72 |

NOTES: [1] - Defined as 10 times the blank concentration for common volatile laboratory contaminants (methylene chloride, acetone, and 2-butanone) and 5 times the blank concentration for all other volatile contaminants.

## TABLE 2.2.1-3

## VOLATILE INITIAL CALIBRATION OUTLIERS

## PLATTSBURGH AFB

| INITIAL CALIBRATION DATE - INSTRUMENT | COMPOUND | %RSD [1] | AFFECTED SAMPLES |
|---|---|---|---|
| 6/13/96 - YC | Methylene Chloride | 39.649 | H-5(3-4), B-6(3-4), N5-1(1-2) |

NOTES: [1] - Relative Standard Deviation

## TABLE 2.2.1-4
## VOLATILE CONTINUING CALIBRATION OUTLIERS
## PLATTSBURGH AFB

| CONTINUING CALIBRATION DATE - TIME | FILE ID | COMPOUND | %D [1] | AFFECTED SAMPLES |
|---|---|---|---|---|
| 7/4/96 - 10:56 | M3041 | Dichlorodifluoromethane | 30.49 | TRIP 6/18, 17-SS-20, |
| | | Chloromethane | 42.17 | 17-SS-21, 17-SS-21DUP, |
| | | Chloroethane | 27.94 | 17-SS-22 |
| | | Methylene Chloride | 39.61 | |
| | | 1,1-Dichloropropene | 27.75 | |
| | | 1,2-Dichloroethane | 46.77 | |
| 7/3/96 - 08:52 | M3018 | Chloromethane | 30.04 | 17-SS-4, 17-SS-5, 17-SS-7, |
| | | Methylene Chloride | 34.26 | 17-SS-9, 17-SS-10 |
| 6/29/96 - 22:30 | M2963 | Chloromethane | 32.66 | 17-SS-8 |
| | | Methylene Chloride | 33.90 | |
| 7/8/96 - 15:30 | M3084 | Dichlorodifluoromethane | 96.35 | EQUIP. BLANK, |
| | | Chloromethane | 53.90 | 17-SS-23, 17-SS-24, |
| | | Vinyl Chloride | 29.21 | 17-SS-25, 17-SS-34, |
| | | trans-1,2-Dichloroethylene | 25.52 | 10-SS-36 |
| 7/9/96 - 05:50 | M3097 | Dichlorodifluoromethane | 86.98 | 17-SS-40, 17-SS-41, |
| | | Chloromethane | 114.61 | 17-SS-42, 17-SS-43, |
| | | Vinyl Chloride | 32.09 | 17-SS-44, 17-SS-45, |
| | | Chloroethane | 28.60 | 17-SS-37, 17-SS-38, |
| | | | | 17-SS-38DUP, 17-SS-39 |
| 7/9/96 - 19:12 | M3109 | Dichlorodifluoromethane | 80.91 | 17-SS-46, 17-SS-47, |
| | | Chloromethane | 70.15 | 17-SS-49, 17-SS-50, |
| | | Vinyl Chloride | 29.03 | 17-SS-51, 17-SS-52, |
| | | | | 17-SS-53, 17-SS-54, |
| | | | | 17-SS-55 |
| 7/16/96 - 10:58 | M3206 | Dichlorodifluoromethane | 118.27 | TRIP BLANK, BLANK-2, |
| | | Chloromethane | 78.40 | TRIP BLANK |
| | | Vinyl Chloride | 33.91 | |
| | | Methylene Chloride | 31.36 | |
| | | 1,2-Dichloroethane | 28.21 | |
| 7/12/96 - 10:27 | M3168 | Dichlorodifluoromethane | 50.65 | 17-SS-33, 17-SS-35, |
| | | Chloromethane | 67.21 | 17-SS-48, 17-SS-61, |
| | | Bromoform | 68.25 | 17-SS-64 |
| 7/17/96 - 02:43 | M3218 | Dichlorodifluoromethane | 111.28 | 17-SS-32 |
| | | Chloromethane | 142.50 | |
| | | Vinyl Chloride | 27.00 | |
| 7/10/96 - 08:00 | M3121 | Dichlorodifluoromethane | 33.86 | 17-SS-56, 17-SS-57, |
| | | Methylene Chloride | 40.21 | 17-SS-59, 17-SS-60, |
| | | 2,2-Dichloropropane | 25.80 | 17-SS-65, BLANK-3, |
| | | cis-1,2-Dichloroethylene | 25.80 | TRIP BLANK |
| | | 1,1-Dichloropropene | 30.42 | |
| | | 1,2-Dichloroethane | 32.70 | |

NOTES: [1] - Percent Difference.

Usability

All volatile sample results were considered usable following data validation with the exception of the nondetected dichlorodifluoromethane results for samples EQUIP. BLANK, TRIP BLANK, TRIP BLANK, BLANK-2, 17-SS-23, 17-SS-24, 17-SS-25, 17-SS-32, 17-SS-34, and 17-SS-36, and the nondetected chloromethane results for samples 17-SS-32, 17-SS-37, 17-SS-38, 17-SS-38DUP, 17-SS-39, 17-SS-40, 17-SS-41, 17-SS-42, 17-SS-43, 17-SS-44, and 17-SS-45 due to poor continuing calibration responses for these compounds.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile data presented by OHM and AES were 99.6% complete. The validated volatile laboratory data are tabulated and presented in Attachment A. This table presents the most representative volatile data for a sample location resulting from validation.

For example, sample N5-1(1-2) was diluted and reanalyzed since the original analysis of this sample yielded methylene chloride and trichloroethylene above the highest calibration standard. All of the validated results from the diluted sample where instrument calibration ranges were exceeded in the original analysis, were considered compliant and representative of the sample. These results were reported for the sample and qualified "D" in the validated laboratory data table presented in Attachment A.

It was noted that many of the volatile target compounds that were detected in the samples from Site 17 using GC instrumentation were also detected and confirmed present by GC/MS.

### 2.2.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank and field blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times

- Field duplicate precision
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of holding times; surrogate recoveries; laboratory method blank contamination; and initial and continuing calibrations.

Holding Times

All sample holding times were compliant for semivolatile extraction and analysis with the exception of sample 17-SS-61 in which extraction holding times exceeded the seven day requirement by eight days. Therefore, all semivolatile results for this sample were considered estimated with positive results qualfied "J" and nondetected results qualified "UJ".

Surrogate Recoveries

Recoveries of sample surrogates were compliant and within QC criteria with the exception of the acid surrogate 2,4,6-tribromophenol recovery for 17-SS-5 (15%; QC limit 19-122%). Qualification of this sample was not warranted due to this noncompliance since only one acid surrogate was noncompliant.

Laboratory Method Blank Contamination

One laboratory method blank (SBLK01A) associated with samples 17-SS-23, 17-SS-24, 17-SS-25, 17-SS-26, 17-SS-27, 17-SS-28, 17-SS-29, 17-SS-36, 17-SS-37, and 17-SS-38 contained di-n-butylphthalate at a concentration of 39µg/kg. The validation action concentration for di-n-butylphthalate was 390 µg/kg (10 times the respective concentration found in the blank) since this SVOC is a common laboratory contaminant. Therefore, all associated sample results with concentrations greater than the quantitation limit and greater than the validation action concentration were acceptable and reported unqualified. However, all associated sample results with concentrations less than the validation action concentration were considered not detected and qualified "U".

As a result, the presence of contaminants in this blank may be indicative of semivolatile sample contamination from the laboratory. Sample results were qualified with a "B" by the laboratory for those cases where the associated laboratory method blank also contained the semivolatile target compound and, therefore, was considered a laboratory artifact.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum relative standard deviation (%RSD) of 30% with the exception of those compounds summarized in Table 2.2.2-1 which were outside the QC limits of 30% for maximum %RSD. The positive sample results for these noncompliant compounds were considered estimated and qualified "J" in the affected samples.

## TABLE 2.2.2-1

## SEMIVOLATILE INITIAL CALIBRATION OUTLIERS

## PLATTSBURGH AFB

| INITIAL CALIBRATION DATE - INSTRUMENT | COMPOUND | %RSD [1] | AFFECTED SAMPLES |
|---|---|---|---|
| 6/20/96 - MSE | Carbazole | 44.94 | IBS-1, IBS-2 |
| 6/30/96 - MSE | 4-Nitroaniline | 34.512 | 17-SS-28, 17-SS-29, |
| | Carbazole | 40.849 | 17-SS-32, 17-SS-36, |
| | | | 17-SS-37, 17-SS-38, |
| | | | BLANK-2, BLANK3 |

NOTES: [1] - Relative Standard Deviation

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %D of ±25% with exception of those compounds summarized in Table 2.2.2-2 which were outside the ±25% QC limit. The sample results for those noncompliant compounds where the %D was less than 90% were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" in the affected samples. However, the nondetected sample results for those noncomliant compounds where the %D was greater than 90% in the associated continuing calibration, were considered unusable and qualified "R".

Usability

All semivolatile sample results were considered usable following data validation with the exception of the nondetected carbazole results for samples 17-SS-28, 17-SS-29, 17-SS-36, 17-SS-37, 17-SS-38, 17-SS-32, BLANK-2, and BLANK-3 due to poor continuing calibration responses for this compound.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The semivolatile data presented by OHM were 99.8% complete. The validated semivolatile laboratory data are tabulated and presented in Attachment A.

## TABLE 2.2.2-2

## SEMIVOLATILE CONTINUING CALIBRATION OUTLIERS

## PLATTSBURGH AFB

| CONTINUING CALIBRATION DATE - TIME | FILE ID | COMPOUND | %D [1] | AFFECTED SAMPLES |
|---|---|---|---|---|
| 6/14/96 - 09:15 | E10250 | Hexachlorocyclopentadiene<br>2,4-Dinitrophenol<br>Carbazole | 31.1<br>46.1<br>76.1 | N5-1(1-2), H-5(3-4), B-6(3-4) |
| 6/24/96 - 10:06 | E10440 | 2,4-Dinitrophenol<br>Carbazole | 37.0<br>29.3 | IBS-1, IBS-2 |
| 6/25/96 - 13:36 | B01884 | Bis(2-Chloroisopropyl)ethyr | 25.2 | IBS-3, IBS-4 |
| 6/27/96 - 08:54 | E10508 | Hexachlorocyclopentadiene<br>2,4-Dinitrophenol<br>Carbazole | 37.4<br>41.2<br>52.6 | 17-SS-6 |
| 6/28/96 - 12:51 | E10530 | 4-Bromophenylphenylether<br>Carbazole | 25.1<br>37.0 | 17-SS-3, 17-SS-4, 17-SS-7 |
| 7/3/96 - 21:37 | B02032 | 2,6-Dinitrotoluene<br>2,4-Dinitrotoluene | 25.5<br>28.1 | 17-SS-14, 17-SS-15, 17-SS-16, 17-SS-17, 17-SS-18, 17-SS-19, 17-SS-20, 17-SS-21, 17-SS-21DUP, 17-SS-22 |
| 7/3/96 - 10:14 | E10638 | Carbazole | 99.2 | 17-SS-28, 17-SS-29 17-SS-36, 17-SS-37, 17-SS-38 |
| 7/5/96 - 13:52 | B02053 | 2,4-Dinitrophenol | 33.1 | 17-SS-30, 17-SS-31, 17-SS-33, 17-SS-34, 17-SS-35, 17-SS-38DUP, 17-SS-69, 17-SS-70, 17-SS-71, 17-SS-72 |
| 7/6/96 - 03:48 | B02073 | 2,4-Dimethylphenol<br>2,4-Dinitrotoluene | 71.5<br>25.2 | 17-SS-39, 17-SS-40, 17-SS-41, 17-SS-42, 17-SS-43, 17-SS-44, 17-SS-45, 17-SS-46, 17-SS-47 |
| 7/8/96 - 13:44 | E10727 | Carbazole | 95.4 | 17-SS-32 |
| 7/2/96 - 09:06 | E10620 | 4-Nitroaniline<br>Carbazole<br>3,3'-Dichlorobenzidine | 27.6<br>123.3<br>40.7 | BLANK-2, BLANK-3 |
| 7/9/96 - 13:24 | B02111 | 2,4-Dinitrophenol | 48.5 | 17-SS-48, 17-SS-49 |
| 7/10/96 - 13:00 | B02134 | Bis(2-Chloroisopropyl)Ether<br>2,4-Dinitrophenol<br>2,4-Dinitrotoluene | 26.3<br>47.0<br>32.8 | 17-SS-50, 17-SS-51, 17-SS-52, 17-SS-53, 17-SS-54, 17-SS-55, 17-SS-56, 17-SS-57, 17-SS-59, 17-SS-60, 17-SS-64, 17-SS-65, 17-SS-66, 17-SS-67 |
| 7/11/96 - 09:56 | B02154 | Bis(2-Chloroisopropyl)Ether<br>2,4-Dinitrophenol<br>2,4-Dinitrotoluene | 27.5<br>54.3<br>28.5 | 17-SS-68 |

NOTES: [1] - Percent Difference.

# APPENDIX A

# VALIDATED LABORATORY DATA

# ATTACHMENT A-1

# VALIDATED LABORATORY DATA FOR SITE 10

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-010

| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: | 10-SS-01 | 10-SS-02 | 10-SS-03 | 10-SS-03DUP | 10-SS-04 |
|---|---|---|---|---|---|---|---|---|
| | | | DEPTH: | 4-5.5 | 4-5.5 | 3-4 | 3-4 | 3-4 |
| | | | LAB ID: | 10SS1/JQ0098 | 10SS2/JQ0099 | 10SS3/JQ0100 | DUP-1/JQ0111 | 10SS4/JQ0101 |
| | | | SOURCE: | AES/OHM | AES/OHM | AES/OHM | AES/OHM | AES/OHM |
| | | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | | SAMPLED: | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 |
| | | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | VOLATILES | | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | | 120 U | 110 U | 110 U | 110 U | 110 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 46 |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 71-43-2 | Benzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 108-86-1 | Bromobenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 74-97-5 | Bromochloromethane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 75-25-2 | Bromoform | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 74-83-9 | Bromomethane | ug/Kg | | 120 U | 110 U | 110 U | 110 U | 110 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | | 120 U | 110 U | 11 U | 110 U | 110 U |
| 108-90-7 | Chlorobenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 124-48-1 | Chlorodibromomethane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 75-00-3 | Chloroethane | ug/Kg | | 120 U | 110 U | 110 U | 110 U | 110 U |
| 67-66-3 | Chloroform | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 74-87-3 | Chloromethane | ug/Kg | | 120 U | 110 U | 110 U | 110 U | 110 U |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 74-95-3 | Dibromomethane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 75-27-4 | Dichlorobromomethane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | | 120 U | 110 U | 110 U | 110 U | 110 U |
| 100-41-4 | Ethylbenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 106-93-4 | Ethylene dibromide | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 75-09-2 | Methylene chloride | ug/Kg | | 33 U | 35 U | 16 U | 14 U | 26 U |
| 104-51-8 | n-Butylbenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 91-20-3 | Naphthalene | ug/Kg | | 12 U | 11 U | 11 UJ | 43 J | 58 |
| 95-49-8 | o-Chlorotoluene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 106-43-4 | p-Chlorotoluene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 100-42-5 | Styrene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 108-88-3 | Toluene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 79-01-6 | Trichloroethylene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | | 120 U | 110 U | 110 U | 110 U | 110 U |
| 75-01-4 | Vinyl chloride | ug/Kg | | 120 U | 110 U | 110 U | 110 U | 110 U |
| 1330-20-7 | Xylenes | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |
| 99-87-6 | 4-Isopropyltoluene | ug/Kg | | 12 U | 11 U | 11 U | 11 U | 11 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-010

| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: | 10-SS-01 | 10-SS-02 | 10-SS-03 | 10-SS-03DUP | 10-SS-04 |
|---|---|---|---|---|---|---|---|---|
| | | | DEPTH: | 4-5.5 | 4-5.5 | 3-4 | 3-4 | 3-4 |
| | | | LAB ID: | 10SS1/JQ0098 | 10SS2/JQ0099 | 10SS3/JQ0100 | DUP-1/JQ0111 | 10SS4/JQ0101 |
| | | | SOURCE: | AES/OHM | AES/OHM | AES/OHM | AES/OHM | AES/OHM |
| | | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | | SAMPLED: | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 |
| | | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | SEMIVOLATILES | | | | | | | |
| 108-95-2 | Phenol | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 95-57-8 | 2-Chlorophenol | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 95-48-7 | 2-Methylphenol | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 106-44-5 | 4-Methylphenol | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | | 430 U | 420 U | 390 U | 360 UJ | 360 U |
| 67-72-1 | Hexachloroethane | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 98-95-3 | Nitrobenzene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 78-59-1 | Isophorone | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 88-75-5 | 2-Nitrophenol | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 91-20-3 | Naphthalene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 106-47-8 | 4-Chloroaniline | ug/Kg | | 430 U | 420 U | 390 U | 360 UJ | 360 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 59-50-7 | p-Chloro-m-cresol | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 88-74-4 | 2-Nitroaniline | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 131-11-3 | Dimethyl phthalate | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 208-96-8 | Acenaphthylene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 99-09-2 | 3-Nitroaniline | ug/Kg | | 430 U | 420 U | 390 U | 360 UJ | 360 U |
| 83-32-9 | Acenaphthene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | | 2100 U | 2100 U | 1900 U | 1800 U | 1800 U |
| 100-02-7 | 4-Nitrophenol | ug/Kg | | 2100 U | 2100 U | 1900 U | 1800 U | 1800 U |
| 132-64-9 | Dibenzofuran | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 84-66-2 | Diethyl phthalate | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 86-73-7 | Fluorene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 100-01-6 | 4-Nitroaniline | ug/Kg | | 430 UJ | 420 U | 390 U | 360 U | 360 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/Kg | | 1100 U | 1000 U | 950 U | 890 U | 910 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 118-74-1 | Hexachlorobenzene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 87-86-5 | Pentachlorophenol | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 85-01-8 | Phenanthrene | ug/Kg | | 430 U | 420 U | 390 U | 90 J | 360 U |
| 120-12-7 | Anthracene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 86-74-8 | Carbazole | ug/Kg | | R | 420 U | 390 U | 360 U | 360 U |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 206-44-0 | Fluoranthene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 129-00-0 | Pyrene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 218-01-9 | Chrysene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 260 J |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | | 430 U | 420 U | 390 U | 360 U | 360 U |
| | OTHER | | | | | | | |
| | Solids, Total | % | | 75.8 | 78.3 | 85 | 92 | 89.6 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-010 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 10-SS-05<br>3-4<br>10SS5/JQ0102<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-05DUP<br>3-4<br>DUP-2/JQ0112<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-06<br>2.5-4<br>10SS6/JQ0103<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-06DUP<br>2.5-4<br>DUP-3/JQ0113<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-07<br>0.5-2<br>10SS7/JQ0104<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 110 U | 110 U | 130 U | 120 U | 110 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 11 U | 11 U | 25 | 12 U | 11 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 71-43-2 | Benzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 108-86-1 | Bromobenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 74-97-5 | Bromochloromethane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 75-25-2 | Bromoform | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 74-83-9 | Bromomethane | ug/Kg | 110 U | 110 U | 130 U | 120 U | 110 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 110 U | 110 U | 130 U | 120 U | 110 U |
| 108-90-7 | Chlorobenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 124-48-1 | Chlorodibromomethane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 75-00-3 | Chloroethane | ug/Kg | 110 U | 110 U | 130 U | 120 U | 110 U |
| 67-66-3 | Chloroform | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 74-87-3 | Chloromethane | ug/Kg | 110 U | 110 U | 130 U | 120 U | 110 U |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 74-95-3 | Dibromomethane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 75-27-4 | Dichlorobromomethane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 110 U | 110 U | 130 U | 120 U | 110 U |
| 100-41-4 | Ethylbenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 106-93-4 | Ethylene dibromide | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 75-09-2 | Methylene chloride | ug/Kg | 27 U | 33 U | 48 U | 21 U | 31 U |
| 104-51-8 | n-Butylbenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 91-20-3 | Naphthalene | ug/Kg | 11 U | 11 U | 62 J | 12 UJ | 11 U |
| 95-49-8 | o-Chlorotoluene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 106-43-4 | p-Chlorotoluene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 100-42-5 | Styrene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 108-88-3 | Toluene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 79-01-6 | Trichloroethylene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 110 U | 110 U | 130 U | 120 U | 110 U |
| 75-01-4 | Vinyl chloride | ug/Kg | 110 U | 110 U | 130 U | 120 U | 110 U |
| 1330-20-7 | Xylenes | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |
| 99-87-6 | 4-Isopropyltoluene | ug/Kg | 11 U | 11 U | 13 U | 12 U | 11 U |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-010 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 10-SS-05<br>3-4<br>10SS5/JQ0102<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-05DUP<br>3-4<br>DUP-2/JQ0112<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-06<br>2.5-4<br>10SS6/JQ0103<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-06DUP<br>2.5-4<br>DUP-3/JQ011<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-07<br>0.5-<br>10SS7/JQ010<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 95-48-7 | 2-Methylphenol | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 106-44-5 | 4-Methylphenol | ug/Kg | 370 U | 360 U | 670 J | 660 | 1700 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 370 UJ | 360 U | 1900 UJ | 420 UJ | 1700 UJ |
| 67-72-1 | Hexachloroethane | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 98-95-3 | Nitrobenzene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 78-59-1 | Isophorone | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 91-20-3 | Naphthalene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 370 UJ | 360 U | 1900 UJ | 420 UJ | 1700 UJ |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 59-50-7 | p-Chloro-m-cresol | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 370 U | 360 U | 1900 U | 150 J | 1700 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 208-96-8 | Acenaphthylene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 370 UJ | 360 U | 1900 UJ | 420 UJ | 1700 UJ |
| 83-32-9 | Acenaphthene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1100 J |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1800 U | 1800 U | 9500 U | 2100 U | 8500 U |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1800 U | 1800 U | 9500 U | 2100 U | 8500 U |
| 132-64-9 | Dibenzofuran | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 500 J |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 84-66-2 | Diethyl phthalate | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 86-73-7 | Fluorene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1100 J |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/Kg | 910 U | 900 U | 4700 U | 1100 U | 4200 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 87-86-5 | Pentachlorophenol | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 85-01-8 | Phenanthrene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 7800 J |
| 120-12-7 | Anthracene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 2500 J |
| 86-74-8 | Carbazole | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1500 J |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 206-44-0 | Fluoranthene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 9000 J |
| 129-00-0 | Pyrene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 7300 J |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 4000 J |
| 218-01-9 | Chrysene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 4200 J |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 3500 J |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 3300 J |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 370 U | 360 U | 1900 U | 130 J | 3700 J |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1800 J |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 370 J |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1400 J |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 370 U | 360 U | 1900 U | 420 U | 1700 U |
| | OTHER: | | | | | | |
| | Solids, Total | % | 91.2 | 91.7 | 87 | 78.9 | 95.2 |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-010

| CAS NO. | COMPOUND | SAMPLE ID: | 10-SS-07DUP | 10-SS-08 | 10-SS-08DUP | 10-SS-09 | 10-SS-09DUP |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 0.5-2 | 2-3.5 | 2-3.5 | 1-3 | 1-3 |
| | | LAB ID: | DUP-4/JQ0114 | 10SS8/JQ0105 | DUP-5/JQ0115 | 10SS9/JQ0106 | DUP-6/JQ0116 |
| | | SOURCE: | AES/OHM | AES/OHM | AES/OHM | AES/OHM | AES/OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | VOLATILES | UNITS: | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 110 U | 110 U | 110 U | 1100 U | 1100 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 11 U | 11 U | 11 U | 10000 J | 15000 J |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 11 U | 11 U | 11 U | 4700 | 5900 |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 71-43-2 | Benzene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 108-86-1 | Bromobenzene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 74-97-5 | Bromochloromethane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 75-25-2 | Bromoform | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 74-83-9 | Bromomethane | ug/Kg | 110 U | 110 U | 110 U | 1100 U | 1100 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 110 U | 110 U | 110 U | 1100 U | 1100 U |
| 108-90-7 | Chlorobenzene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 124-48-1 | Chlorodibromomethane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 75-00-3 | Chloroethane | ug/Kg | 110 U | 110 U | 110 U | 1100 U | 1100 U |
| 67-66-3 | Chloroform | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 74-87-3 | Chloromethane | ug/Kg | 110 U | 110 U | 110 U | 1100 U | 1100 U |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 74-95-3 | Dibromomethane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 75-27-4 | Dichlorobromomethane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 110 U | 110 U | 110 U | 1100 U | 1100 U |
| 100-41-4 | Ethylbenzene | ug/Kg | 11 U | 11 U | 11 U | 93 JD | 460 J |
| 106-93-4 | Ethylene dibromide | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | 11 U | 11 U | 11 U | 1000 | 1600 |
| 75-09-2 | Methylene chloride | ug/Kg | 32 U | 42 U | 16 U | 320 U | 170 U |
| 104-51-8 | n-Butylbenzene | ug/Kg | 11 U | 11 U | 11 U | 6200 | 8000 J |
| 103-65-1 | n-Propylbenzene | ug/Kg | 11 U | 11 U | 11 U | 1900 | 1900 |
| 91-20-3 | Naphthalene | ug/Kg | 11 U | 16 J | 11 UJ | 2100 | 3200 |
| 95-49-8 | o-Chlorotoluene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 106-43-4 | p-Chlorotoluene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 11 U | 11 U | 11 U | 110 UJ | 940 J |
| 100-42-5 | Styrene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 940 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 940 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 940 U |
| 108-88-3 | Toluene | ug/Kg | 11 U | 11 U | 11 U | 510 J | 1700 J |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 79-01-6 | Trichloroethylene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 110 U | 110 U | 110 U | 1100 U | 1100 U |
| 75-01-4 | Vinyl chloride | ug/Kg | 110 U | 110 U | 110 U | 1100 U | 1100 U |
| 1330-20-7 | Xylenes | ug/Kg | 11 U | 11 U | 11 U | 5600 J | 11000 J |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 11 U | 11 U | 11 U | 110 U | 110 U |
| 99-87-6 | 4-Isopropyltoluene | ug/Kg | 11 U | 11 U | 11 U | 1500 | 1900 |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-010

| CAS NO. | COMPOUND | UNITS | SAMPLE ID: 10-SS-07DUP | 10-SS-08 | 10-SS-08DUP | 10-SS-09 | 10-SS-09DUP |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 0.5-2 | 2-3.5 | 2-3.5 | 1-3 | 1-3 |
| | | LAB ID: | DUP-4/JQ0114 | 10SS8/JQ0105 | DUP-5/JQ0115 | 10SS9/JQ0106 | DUP-6/JQ0116 |
| | | SOURCE: | AES/OHM | AES/OHM | AES/OHM | AES/OHM | AES/OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 95-48-7 | 2-Methylphenol | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 106-44-5 | 4-Methylphenol | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 UJ | 350 UJ |
| 67-72-1 | Hexachloroethane | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 98-95-3 | Nitrobenzene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 78-59-1 | Isophorone | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 91-20-3 | Naphthalene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1900 | 1500 J |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 UJ | 350 UJ |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 59-50-7 | p-Chloro-m-cresol | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 340 UJ | 380 U | 370 UJ | 3000 | 2800 J |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 208-96-8 | Acenaphthylene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 UJ | 350 UJ |
| 83-32-9 | Acenaphthene | ug/Kg | 120 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1700 UJ | 1900 U | 1800 UJ | 8500 U | 1800 UJ |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1700 UJ | 1900 U | 1800 UJ | 8600 U | 1800 UJ |
| 132-64-9 | Dibenzofuran | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 84-66-2 | Diethyl phthalate | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 86-73-7 | Fluorene | ug/Kg | 96 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/Kg | 650 UJ | 950 U | 910 UJ | 4300 U | 880 UJ |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 87-86-5 | Pentachlorophenol | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 85-01-8 | Phenanthrene | ug/Kg | 720 J | 380 U | 370 UJ | 1700 U | 50 J |
| 120-12-7 | Anthracene | ug/Kg | 220 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 86-74-8 | Carbazole | ug/Kg | 75 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 206-44-0 | Fluoranthene | ug/Kg | 1000 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 129-00-0 | Pyrene | ug/Kg | 680 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 450 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 218-01-9 | Chrysene | ug/Kg | 430 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 83 J |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 320 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 400 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 410 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 240 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 220 J | 380 U | 370 UJ | 1700 U | 350 UJ |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 340 UJ | 380 U | 370 UJ | 1700 U | 350 UJ |
| | OTHER | | | | | | |
| | Solids, Total | % | 94.7 | 87 | 89.9 | 95.2 | 92.9 |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-010

| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: | 10-SS-10 | 10-SS-10DUP | 10-SS-11 | 10-SS-12 | 10-SS-13 |
|---|---|---|---|---|---|---|---|---|
| | | | DEPTH: | 1-3 | 1-3 | 1-2.5 | 1-2.5 | 1-3 |
| | | | LAB ID: | 10SS10/JQ0107 | DUP-7/JQ0117 | 10SS11/JQ0108 | 12SS12/JQ0109 | 10SS13/JQ0110 |
| | | | SOURCE: | AES/OHM | AES/OHM | AES/OHM | AES/OHM | AES/OHM |
| | | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | | SAMPLED: | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 |
| | | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | VOLATILES | | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | | 110 U | 110 U | 110 U | 110 U | 110 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 71-43-2 | Benzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 108-86-1 | Bromobenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 74-97-5 | Bromochloromethane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 75-25-2 | Bromoform | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 74-83-9 | Bromomethane | ug/Kg | | 110 U | 110 U | 110 U | 110 U | 110 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | | 110 U | 110 U | 110 U | 110 U | 110 U |
| 108-90-7 | Chlorobenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 124-48-1 | Chlorodibromomethane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 75-00-3 | Chloroethane | ug/Kg | | 110 U | 110 U | 110 U | 110 U | 110 U |
| 67-66-3 | Chloroform | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 74-87-3 | Chloromethane | ug/Kg | | 110 U | 110 U | 110 U | 110 U | 110 U |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 74-95-3 | Dibromomethane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 75-27-4 | Dichlorobromomethane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | | 110 U | 110 U | 110 U | 110 U | 110 U |
| 100-41-4 | Ethylbenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 106-93-4 | Ethylene dibromide | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 75-09-2 | Methylene chloride | ug/Kg | | 51 U | 16 U | 55 U | 47 U | 36 U |
| 104-51-8 | n-Butylbenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 91-20-3 | Naphthalene | ug/Kg | | 18 J | 11 UJ | 11 U | 11 U | 11 U |
| 95-49-8 | o-Chlorotoluene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 106-43-4 | p-Chlorotoluene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 100-42-5 | Styrene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 108-88-3 | Toluene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 79-01-6 | Trichloroethylene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | | 110 U | 110 U | 110 U | 110 U | 110 U |
| 75-01-4 | Vinyl chloride | ug/Kg | | 110 U | 110 U | 110 U | 110 U | 110 U |
| 1330-20-7 | Xylenes | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 99-87-6 | 4-Isopropyltoluene | ug/Kg | | 11 U | 11 U | 11 U | 11 U | 11 U |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-010 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 10-SS-10<br>1-3<br>10SS10/JQ0107<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-10DUP<br>1-3<br>DUP-7/JQ0117<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-11<br>1-2.5<br>10SS11/JQ0108<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-12<br>1-2.5<br>12SS12/JQ0109<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-13<br>1-3<br>10SS13/JQ0110<br>AES/OHM<br>SOIL<br>6/27/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 95-48-7 | 2-Methylphenol | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 106-44-5 | 4-Methylphenol | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 360 UJ | 350 UJ | 360 UJ | 360 UJ | 340 UJ |
| 67-72-1 | Hexachloroethane | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 98-95-3 | Nitrobenzene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 78-59-1 | Isophorone | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 91-20-3 | Naphthalene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 360 UJ | 350 UJ | 360 UJ | 360 UJ | 340 UJ |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 59-50-7 | p-Chloro-m-cresol | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 208-96-8 | Acenaphthylene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 360 UJ | 350 UJ | 360 UJ | 360 UJ | 340 UJ |
| 83-32-9 | Acenaphthene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1800 U | 1800 UJ | 1800 U | 1800 U | 1700 U |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1800 U | 1800 UJ | 1800 U | 1800 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 84-66-2 | Diethyl phthalate | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 86-73-7 | Fluorene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/Kg | 900 U | 880 UJ | 890 U | 900 U | 850 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 87-86-5 | Pentachlorophenol | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 85-01-8 | Phenanthrene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 120-12-7 | Anthracene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 86-74-8 | Carbazole | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 206-44-0 | Fluoranthene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 129-00-0 | Pyrene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 218-01-9 | Chrysene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 360 U | 350 UJ | 68 J | 360 U | 340 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 360 U | 350 UJ | 75 J | 360 U | 340 U |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 360 U | 350 UJ | 79 J | 360 U | 340 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 360 U | 350 UJ | 360 U | 360 U | 340 U |
| | OTHER | | | | | | |
| | Solids, Total | % | 91.3 | 91.6 | 93 | 90.3 | 94.2 |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-010

| CAS NO. | COMPOUND | SAMPLE ID: | 10-SS-14 | 10-SS-14DUP | 10-SS-15 | 10-SS-16 | 10-SS-17 |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 1-2 | 1-2 | 0.5-2 | 1-2 | 0.5-2 |
| | | LAB ID: | JQ0120 | JQ0139 | JQ0121 | JQ0122 | JQ0123 |
| | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | VOLATILES | UNITS: | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 75 DJ | 160 J | 1 U | 1 U | 9600 J |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/Kg | 1 UJ | 8 UJ | 1 U | 1 U | 250 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 0.2 U | 2 UJ | 0.2 U | 0.2 U | 50 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 1 UJ | 8 UJ | 1 U | 1 U | 250 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 16 J | 43 J | 1 U | 1 U | 3300 J |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 71-43-2 | Benzene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 108-86-1 | Bromobenzene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 74-97-5 | Bromochloromethane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 75-25-2 | Bromoform | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 74-83-9 | Bromomethane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 108-90-7 | Chlorobenzene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 124-48-1 | Chlorodibromomethane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 75-00-3 | Chloroethane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 UJ |
| 67-66-3 | Chloroform | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 74-87-3 | Chloromethane | ug/Kg | 1 U | 8 UJ | 1 UJ | 1 UJ | R |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 74-95-3 | Dibromomethane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 75-27-4 | Dichlorobromomethane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 1 UJ | R | 1 UJ | 1 UJ | 250 UJ |
| 100-41-4 | Ethylbenzene | ug/Kg | 24 J | 54 J | 1 U | 1 U | 5200 J |
| 106-93-4 | Ethylene dibromide | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | 19 J | 46 J | 1 U | 1 U | 250 U |
| 75-09-2 | Methylene chloride | ug/Kg | 20 UJ | 85 UJ | 5 UJ | 22 UJ | 1300 UJ |
| 104-51-8 | n-Butylbenzene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | 7 J | 16 J | 1 U | 1 U | 250 U |
| 91-20-3 | Naphthalene | ug/Kg | 3 J | 10 J | 1 U | 1 U | 2000 J |
| 95-49-8 | o-Chlorotoluene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 106-43-4 | p-Chlorotoluene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 7 J | 8 UJ | 1 U | 1 U | 250 U |
| 100-42-5 | Styrene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 108-88-3 | Toluene | ug/Kg | 9 J | 21 J | 1 U | 3 J | 250 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 79-01-6 | Trichloroethylene | ug/Kg | 7 J | 46 J | 0.6 J | 4 J | 250 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 U |
| 75-01-4 | Vinyl chloride | ug/Kg | 1 U | 8 UJ | 1 U | 1 U | 250 UJ |
| 1330-20-7 | Xylenes | ug/Kg | 290 DJ | 840 J | 1 U | 1 J | 5500 J |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 1 UJ | 8 UJ | 1 U | 1 U | 250 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 1 UJ | 8 UJ | 1 U | 1 U | 250 U |
| 99-87-6 | 4-Isopropyltoluene | ug/Kg | 4 J | 39 J | 1 U | 1 U | 250 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-010

| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: 10-SS-14 DEPTH: 1-2 LAB ID: JQ0120 SOURCE: OHM MATRIX: SOIL SAMPLED: 6/27/96 VALIDATED: 10/27/96 | 10-SS-14DUP 1-2 JQ0139 OHM SOIL 6/27/96 10/27/96 | 10-SS-15 0.5-2 JQ0121 OHM SOIL 6/27/96 10/27/96 | 10-SS-16 1-2 JQ0122 OHM SOIL 6/27/96 10/27/96 | 10-SS-17 0.5-2 JQ0123 OHM SOIL 6/27/96 10/27/96 |
|---|---|---|---|---|---|---|---|
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 95-48-7 | 2-Methylphenol | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 106-44-5 | 4-Methylphenol | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 67-72-1 | Hexachloroethane | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 98-95-3 | Nitrobenzene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 78-59-1 | Isophorone | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 91-20-3 | Naphthalene | ug/Kg | 110 J | 135 J | 110 J | 360 UJ | 5200 J |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 59-50-7 | p-Chloro-m-cresol | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 140 J | 180 J | 160 J | 360 UJ | 20000 J |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 208-96-8 | Acenaphthylene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 83-32-9 | Acenaphthene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1900 UJ | 2200 U | 1700 UJ | 1800 UJ | 8900 UJ |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1900 UJ | 2200 U | 1700 UJ | 1800 UJ | 8900 UJ |
| 132-64-9 | Dibenzofuran | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 84-66-2 | Diethyl phthalate | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 86-73-7 | Fluorene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/Kg | 930 UJ | 1100 U | 850 UJ | 890 UJ | 4500 UJ |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1400 J |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 87-86-5 | Pentachlorophenol | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 85-01-8 | Phenanthrene | ug/Kg | 40 J | 440 U | 340 UJ | 360 UJ | 1500 J |
| 120-12-7 | Anthracene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 86-74-8 | Carbazole | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 206-44-0 | Fluoranthene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 129-00-0 | Pyrene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 218-01-9 | Chrysene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 370 UJ | 440 U | 340 UJ | 360 UJ | 1800 UJ |
| | OTHER | | | | | | |
| | Solids, Total | % | 87.4 | 74.3 | 95.6 | 87.8 | 93.1 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-010 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 10-SS-18<br>0.5-3<br>JQ0124<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-19<br>0.5-3<br>JQ0125<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-20<br>0.5-3<br>JQ0126<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-21<br>0.5-3<br>JQ0127<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-22<br>2-3<br>JQ0128<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 75-35-4 | 1,1-Dichloroethylene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 50000 DJ | 1 UJ |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 0.2 U | 0.2 U | 0.2 UJ | 120 UJ | 0.2 UJ |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 14000 J | 1 UJ |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 71-43-2 | Benzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 108-86-1 | Bromobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 74-97-5 | Bromochloromethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 75-25-2 | Bromoform | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 74-83-9 | Bromomethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 108-90-7 | Chlorobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 124-48-1 | Chlorodibromomethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 75-00-3 | Chloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 67-66-3 | Chloroform | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 74-87-3 | Chloromethane | ug/Kg | 1 UJ | 1 UJ | 1 UJ | R | 1 UJ |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 74-95-3 | Dibromomethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 75-27-4 | Dichlorobromomethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 1 UJ | 1 UJ | R | R | R |
| 100-41-4 | Ethylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 33000 J | 1 UJ |
| 106-93-4 | Ethylene dibromide | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 98-82-8 | Isopropylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 75-09-2 | Methylene chloride | ug/Kg | 5 UJ | 5 UJ | 6 UJ | 3000 UJ | 7 UJ |
| 104-51-8 | n-Butylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 103-65-1 | n-Propylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 91-20-3 | Naphthalene | ug/Kg | 1 U | 1 U | 1 UJ | 5400 J | 1 UJ |
| 95-49-8 | o-Chlorotoluene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 106-43-4 | p-Chlorotoluene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 100-42-5 | Styrene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 127-18-4 | Tetrachloroethene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 108-88-3 | Toluene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 79-01-6 | Trichloroethylene | ug/Kg | 0.9 J | 1 U | 2 J | 3000 J | 0.5 J |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 75-01-4 | Vinyl chloride | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 1330-20-7 | Xylenes | ug/Kg | 1 U | 1 U | 1 UJ | 20000 J | 1 UJ |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 1 U | 1 U | 1 UJ | 600 UJ | 1 UJ |
| 99-87-6 | 4-Isopropyltoluene | ug/Kg | 1 U | 1 U | 1 UJ | 3500 J | 1 UJ |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-010 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 10-SS-18<br>0.5-3<br>JQ0124<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-19<br>0.5-3<br>JQ0125<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-20<br>0.5-3<br>JQ0126<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-21<br>0.5-3<br>JQ0127<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-22<br>2-3<br>JQ0128<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 95-48-7 | 2-Methylphenol | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 106-44-5 | 4-Methylphenol | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 67-72-1 | Hexachloroethane | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 98-95-3 | Nitrobenzene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 78-59-1 | Isophorone | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 91-20-3 | Naphthalene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1800 J | 370 U |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 59-50-7 | p-Chloro-m-cresol | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 350 UJ | 76 J | 340 U | 4800 | 370 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 208-96-8 | Acenaphthylene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 83-32-9 | Acenaphthene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1700 UJ | 1800 UJ | 1700 U | 9500 U | 1900 U |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1700 UJ | 1800 UJ | 1700 U | 9500 U | 1900 U |
| 132-64-9 | Dibenzofuran | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 84-66-2 | Diethyl phthalate | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 86-73-7 | Fluorene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/Kg | 870 UJ | 880 UJ | 860 U | 4700 U | 930 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 87-86-5 | Pentachlorophenol | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 85-01-8 | Phenanthrene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 120-12-7 | Anthracene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 86-74-8 | Carbazole | ug/Kg | 350 UJ | 350 UJ | R | 1900 U | 370 U |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 206-44-0 | Fluoranthene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 129-00-0 | Pyrene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 218-01-9 | Chrysene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 350 UJ | 350 UJ | 340 U | 1900 U | 370 U |
| | OTHER | | | | | | |
| | Solids, Total | % | 93.8 | 94.4 | 94.8 | 87 | 86.6 |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-010

| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: | 10-SS-23 | 10-SS-24 | 10-SS-25 | 10-SS-26 | 10-SS-27 |
|---|---|---|---|---|---|---|---|---|
| | | | DEPTH: | 1.5-3 | 1-3 | 2-3.5 | 2.5-3 | 0.5-2 |
| | | | LAB ID: | JQ0129 | JQ0130 | JQ0131 | JQ0132 | JQ0133 |
| | | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | | SAMPLED: | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 | 6/27/96 |
| | | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | VOLATILES | | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | | 560 UJ | 250 U | 0.8 J | 1 UJ | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | | 22000 J | 48000 DJ | 1 UJ | 1 UJ | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | | 110 UJ | 50 U | 0.2 UJ | 0.2 UJ | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | | 5300 J | 4500 J | 1 UJ | 1 UJ | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 71-43-2 | Benzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 108-86-1 | Bromobenzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 74-97-5 | Bromochloromethane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 75-25-2 | Bromoform | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 74-83-9 | Bromomethane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 108-90-7 | Chlorobenzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 75-00-3 | Chloroethane | ug/Kg | | 560 UJ | 250 UJ | 1 UJ | 1 UJ | 1 UJ |
| 67-66-3 | Chloroform | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 74-87-3 | Chloromethane | ug/Kg | | R | R | 1 UJ | 1 UJ | R |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 74-95-3 | Dibromomethane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | | R | 250 UJ | R | R | 1 UJ |
| 100-41-4 | Ethylbenzene | ug/Kg | | 1100 J | 6700 J | 1 UJ | 1 UJ | 1 U |
| 106-93-4 | Ethylene dibromide | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 75-09-2 | Methylene chloride | ug/Kg | | 2800 UJ | 1300 UJ | 6 UJ | 7 UJ | 22 U |
| 104-51-8 | n-Butylbenzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 91-20-3 | Naphthalene | ug/Kg | | 2900 J | 3600 J | 1 UJ | 1 UJ | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 100-42-5 | Styrene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 108-88-3 | Toluene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 79-01-6 | Trichloroethylene | ug/Kg | | 8100 J | 250 U | 1 J | 0.6 J | 3 |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 75-01-4 | Vinyl chloride | ug/Kg | | 560 UJ | 250 UJ | 1 UJ | 1 UJ | 1 UJ |
| 1330-20-7 | Xylenes | ug/Kg | | 560 UJ | 11000 J | 1 UJ | 1 UJ | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | | 560 UJ | 250 U | 1 UJ | 1 UJ | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/Kg | | 560 UJ | 910 J | 1 UJ | 1 UJ | 1 U |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-010 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 10-SS-23<br>1.5-3<br>JQ0129<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-24<br>1-3<br>JQ0130<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-25<br>2-3.5<br>JQ0131<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-26<br>2.5-3<br>JQ0132<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-27<br>0.5-2<br>JQ0133<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 95-48-7 | 2-Methylphenol | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 106-44-5 | 4-Methylphenol | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 67-72-1 | Hexachloroethane | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 98-95-3 | Nitrobenzene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 78-59-1 | Isophorone | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 91-20-3 | Napthalene | ug/Kg | 920 | 2100 | 350 U | 350 U | 400 U |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 59-50-7 | p-Chloro-m-cresol | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 3600 | 5000 | 350 U | 350 U | 400 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 208-96-8 | Acenaphthylene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 83-32-9 | Acenaphthene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1800 U | 1800 U | 1700 U | 1800 U | 2000 U |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1800 U | 1800 U | 1700 U | 1800 U | 2000 U |
| 132-64-9 | Dibenzofuran | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 84-66-2 | Diethyl phthalate | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 86-73-7 | Fluorene | ug/Kg | 140 J | 89 J | 350 U | 350 U | 400 U |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 350 U | 350 U | 350 U | 350 U | 400 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/Kg | 880 U | 890 U | 860 U | 850 U | 1000 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 87-86-5 | Pentachlorophenol | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 85-01-8 | Phenanthrene | ug/Kg | 350 U | 360 U | 100 J | 350 U | 400 U |
| 120-12-7 | Anthracene | ug/Kg | 350 U | 360 U | 26 J | 350 U | 400 U |
| 86-74-8 | Carbazole | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 206-44-0 | Fluoranthene | ug/Kg | 350 U | 360 U | 140 J | 350 U | 400 U |
| 129-00-0 | Pyrene | ug/Kg | 350 U | 360 U | 130 J | 350 U | 400 U |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 218-01-9 | Chrysene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 350 U | 360 U | 320 J | 140 J | 430 |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 350 U | 360 U | 350 U | 350 U | 400 U |
| | OTHER | | | | | | |
| | Solids, Total | % | 92.7 | 92.3 | 95.8 | 93 | 8 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-010 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 10-SS-28<br>2-3<br>JQ0134<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-29<br>2-3<br>JQ0135<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-30<br>2-3<br>JQ0136<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-30DUP<br>2-3<br>JQ0140<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-31<br>2-3.5<br>JQ0137<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 0.2 U | 0.2 U | 0.2 UJ | 0.2 UJ | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 71-43-2 | Benzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 108-86-1 | Bromobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 74-97-5 | Bromochloromethane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 75-25-2 | Bromoform | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 74-83-9 | Bromomethane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 108-90-7 | Chlorobenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 75-00-3 | Chloroethane | ug/Kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 67-66-3 | Chloroform | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 74-87-3 | Chloromethane | ug/Kg | R | R | 1 UJ | 1 UJ | R |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 74-95-3 | Dibromomethane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 1 UJ | 1 UJ | R | R | 1 UJ |
| 100-41-4 | Ethylbenzene | ug/Kg | 0.3 J | 1 U | 1 UJ | 1 UJ | 1 U |
| 106-93-4 | Ethylene dibromide | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 75-09-2 | Methylene chloride | ug/Kg | 10 U | 15 U | 7 UJ | 6 UJ | 5 UJ |
| 104-51-8 | n-Butylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 91-20-3 | Naphthalene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 100-42-5 | Styrene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 108-88-3 | Toluene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 79-01-6 | Trichloroethylene | ug/Kg | 1 J | 0.8 J | 1 J | 2 J | 0.8 J |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 75-01-4 | Vinyl chloride | ug/Kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 1330-20-7 | Xylenes | ug/Kg | 2 | 1 U | 1 UJ | 1 UJ | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/Kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 U |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-010 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 10-SS-28<br>2-3<br>JQ0134<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-29<br>2-3<br>JQ0135<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-30<br>2-3<br>JQ0136<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-30DUP<br>2-3<br>JQ0140<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | 10-SS-31<br>2-3.5<br>JQ0137<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 95-48-7 | 2-Methylphenol | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 106-44-5 | 4-Methylphenol | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 67-72-1 | Hexachloroethane | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 98-95-3 | Nitrobenzene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 78-59-1 | Isophorone | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 91-20-3 | Naphthalene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 59-50-7 | p-Chloro-m-cresol | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 208-96-8 | Acenaphthylene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 83-32-9 | Acenaphthene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1700 U | 1900 U | 1900 U | 1900 U | 1800 U |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1700 U | 1900 U | 1900 U | 1900 U | 1800 U |
| 132-64-9 | Dibenzofuran | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 84-66-2 | Diethyl phthalate | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 86-73-7 | Fluorene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/Kg | 830 U | 930 U | 930 U | 960 U | 890 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 87-86-5 | Pentachlorophenol | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 85-01-8 | Phenanthrene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 120-12-7 | Anthracene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 86-74-8 | Carbazole | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 206-44-0 | Fluoranthene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 129-00-0 | Pyrene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 218-01-9 | Chrysene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 330 U | 370 U | 370 U | 390 U | 350 U |
| | OTHER | | | | | | |
| | Solids, Total | % | 99.7 | 88.1 | 89.3 | 86 | 92.6 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-010 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 10-SS-32<br>2-3.5<br>JQ0138<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | BLANK<br><br>BLANK/JQ0118<br>AES<br>WATER<br>6/27/96<br>10/27/96 | TB-1<br><br>TB-1<br>AES<br>WATER<br>6/27/96<br>10/27/96 | TRIP BLANK<br><br>TRIP BLANK<br>AES<br>WATER<br>6/27/96<br>10/27/96 | TRIP BLANK<br><br>JQ0141<br>OHM<br>WATER<br>6/27/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | ug/L | ug/L | ug/L | ug/L |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-35-4 | 1,1-Dichloroethylene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 0.2 U | 1 U | 1 U | 1 U | 0.2 UJ |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 71-43-2 | Benzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 108-86-1 | Bromobenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 74-97-5 | Bromochloromethane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-25-2 | Bromoform | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 74-83-9 | Bromomethane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 1 U | 10 U | 10 U | 10 U | 1 UJ |
| 108-90-7 | Chlorobenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 124-48-1 | Chlorodibromomethane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-00-3 | Chloroethane | ug/Kg | 1 UJ | 1 U | 1 U | 1 U | 1 UJ |
| 67-66-3 | Chloroform | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 74-87-3 | Chloromethane | ug/Kg | R | 1 U | 1 U | 1 U | 1 UJ |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 74-95-3 | Dibromomethane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-27-4 | Dichlorobromomethane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 1 UJ | 1 U | 1 U | 1 U | R |
| 100-41-4 | Ethylbenzene | ug/Kg | 0.7 | 1 U | 1 U | 1 U | 1 UJ |
| 106-93-4 | Ethylene dibromide | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 98-82-8 | Isopropylbenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-09-2 | Methylene chloride | ug/Kg | 7 U | 2 U | 1 U | 18 U | 22 UJ |
| 104-51-8 | n-Butylbenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 103-65-1 | n-Propylbenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 91-20-3 | Naphthalene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 95-49-8 | o-Chlorotoluene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 106-43-4 | p-Chlorotoluene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 100-42-5 | Styrene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 127-18-4 | Tetrachloroethene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 108-88-3 | Toluene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 79-01-6 | Trichloroethylene | ug/Kg | 1 | 1 U | 1 U | 1 U | 4 J |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-01-4 | Vinyl chloride | ug/Kg | 1 UJ | 1 U | 1 U | 1 U | 1 UJ |
| 1330-20-7 | Xylenes | ug/Kg | 3 | 1 U | 1 U | 1 U | 1 UJ |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 99-87-6 | 4-Isopropyltoluene | ug/Kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-010 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 10-SS-32<br>2-3.5<br>JQ0138<br>OHM<br>SOIL<br>6/27/96<br>10/27/96 | BLANK<br><br>BLANK/JQ0118<br>AES<br>WATER<br>6/27/96<br>10/27/96 | TB-1<br><br>TB-1<br>AES<br>WATER<br>6/27/96<br>10/27/96 | TRIP BLANK<br><br>TRIP BLANK<br>AES<br>WATER<br>6/27/96<br>10/27/96 | TRIP BLANK<br><br>JC0141<br>OHM<br>WATER<br>6/27/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | ug/L | ug/L | ug/L | ug/L |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 360 U | 10 U | | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 360 U | 10 U | | | |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 360 U | 10 U | | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 360 U | 10 U | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 360 U | 10 U | | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 360 U | 10 U | | | |
| 95-48-7 | 2-Methylphenol | ug/Kg | 360 U | 10 U | | | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/Kg | 360 U | 10 U | | | |
| 106-44-5 | 4-Methylphenol | ug/Kg | 360 U | 10 U | | | |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 360 U | 10 U | | | |
| 67-72-1 | Hexachloroethane | ug/Kg | 360 U | 10 U | | | |
| 98-95-3 | Nitrobenzene | ug/Kg | 360 U | 10 U | | | |
| 78-59-1 | Isophorone | ug/Kg | 360 U | 10 U | | | |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 360 U | 10 U | | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 360 U | 10 U | | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 360 U | 10 U | | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 360 U | 10 U | | | |
| 91-20-3 | Naphthalene | ug/Kg | 360 U | 10 U | | | |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 360 U | 10 U | | | |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 360 U | 10 U | | | |
| 59-50-7 | p-Chloro-m-cresol | ug/Kg | 360 U | 10 U | | | |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 360 U | 10 U | | | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 360 U | 10 U | | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 360 U | 10 U | | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 360 U | 10 U | | | |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 360 U | 10 U | | | |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 360 U | 10 U | | | |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 360 U | 10 U | | | |
| 208-96-8 | Acenaphthylene | ug/Kg | 360 U | 10 U | | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 360 U | 10 U | | | |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 360 U | 10 U | | | |
| 83-32-9 | Acenaphthene | ug/Kg | 360 U | 10 U | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1800 U | 50 U | | | |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1800 U | 50 U | | | |
| 132-64-9 | Dibenzofuran | ug/Kg | 360 U | 10 U | | | |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 360 U | 10 U | | | |
| 84-66-2 | Diethyl phthalate | ug/Kg | 360 U | 10 U | | | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 360 U | 10 U | | | |
| 86-73-7 | Fluorene | ug/Kg | 360 U | 10 U | | | |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 360 U | 10 U | | | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/Kg | 890 U | 25 U | | | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 360 U | 10 U | | | |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 360 U | 10 U | | | |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 360 U | 10 U | | | |
| 87-86-5 | Pentachlorophenol | ug/Kg | 360 U | 10 U | | | |
| 85-01-8 | Phenanthrene | ug/Kg | 360 U | 10 U | | | |
| 120-12-7 | Anthracene | ug/Kg | 360 U | 10 U | | | |
| 86-74-8 | Carbazole | ug/Kg | 360 U | R | | | |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 360 U | 10 U | | | |
| 206-44-0 | Fluoranthene | ug/Kg | 360 U | 10 U | | | |
| 129-00-0 | Pyrene | ug/Kg | 360 U | 10 U | | | |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 360 U | 10 U | | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 360 U | 10 U | | | |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 360 U | 10 U | | | |
| 218-01-9 | Chrysene | ug/Kg | 360 U | 10 U | | | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 360 U | 10 U | | | |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 360 U | 10 U | | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 360 U | 10 U | | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 360 U | 10 U | | | |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 360 U | 10 U | | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 360 U | 10 U | | | |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 360 U | 10 U | | | |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 360 U | 10 U | | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 360 U | 10 U | | | |
| | OTHER | | | | | | |
| | Solids, Total | % | 92.2 | | | | |

# ATTACHMENT A-2

# VALIDATED LABORATORY DATA FOR SITE 17

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-01<br>2.5-3.5<br>JP9870<br>OHM<br>SOIL<br>6/20/96<br>10/27/96 | 17-SS-02<br>3-4<br>JP9871<br>OHM<br>SOIL<br>6/20/96<br>10/27/96 | 17-SS-03<br>1-2<br>JP9872<br>OHM<br>SOIL<br>6/20/96<br>10/27/96 | 17-SS-04<br>0.5-1.5<br>JP9873<br>OHM<br>SOIL<br>6/20/96<br>10/27/96 | 17-SS-05<br>3.5-4.5<br>JP9874<br>OHM<br>SOIL<br>6/20/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1 U | 5 U | 44 | 1 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 U | 1 U | 1 U | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 74-87-3 | Chloromethane | ug/kg | 1 U | 1 U | 5 U | 6 UJ | 1 UJ |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 5 U | 8 U | 48 UJ | 32 UJ | 7 UJ |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 26 | 1 U | 5 U | 6 U | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 108-88-3 | Toluene | ug/kg | 1 U | 3 | 5 U | 6 U | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 1 U | 7 | 180 J | 100 | 1 |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |

# ATTACHMENT A-2

# VALIDATED LABORATORY DATA FOR SITE 17

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | SAMPLE ID: | 17-SS-01 | 17-SS-02 | 17-SS-03 | 17-SS-04 | 17-SS-05 |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 2.5-3.5 | 3-4 | 1-2 | 0.5-1.5 | 3.5-4.5 |
| | | LAB ID: | JP9870 | JP9871 | JP9872 | JP9873 | JP9874 |
| | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/20/96 | 6/20/96 | 6/20/96 | 6/20/96 | 6/20/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | VOLATILES | UNITS: | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1 U | 5 U | 44 | 1 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 U | 1 U | 1 U | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 74-87-3 | Chloromethane | ug/kg | 1 U | 1 U | 5 U | 6 UJ | 1 UJ |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 5 U | 8 U | 48 UJ | 32 UJ | 7 UJ |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 26 | 1 U | 5 U | 6 U | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 108-88-3 | Toluene | ug/kg | 1 U | 3 | 5 U | 6 U | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 1 U | 7 | 180 J | 100 | 1 |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 U | 5 U | 6 U | 1 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | SAMPLE ID: | 17-SS-01 | 17-SS-02 | 17-SS-03 | 17-SS-04 | 17-SS-05 |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 2.5-3.5 | 3-4 | 1-2 | 0.5-1.5 | 3.5-4.5 |
| | | LAB ID: | JP9870 | JP9871 | JP9872 | JP9873 | JP9874 |
| | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/20/96 | 6/20/96 | 6/20/96 | 6/20/96 | 6/20/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 106-44-5 | 4-Methylphenol | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 67-72-1 | Hexachloroethane | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 98-95-3 | Nitrobenzene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 78-59-1 | Isophorone | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 91-20-3 | Naphthalene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 79 J | 330 U | 360 U | 85 J | 350 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 34 J | 330 U | 360 U | 380 U | 350 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 208-96-8 | Acenaphthylene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 83-32-9 | Acenaphthene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1700 U | 1700 U | 1800 U | 1900 U | 1800 U |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1700 U | 1700 U | 1800 U | 1900 U | 1800 U |
| 132-64-9 | Dibenzofuran | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 84-66-2 | Diethyl phthalate | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 86-73-7 | Fluorene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 840 U | 830 U | 910 U | 940 U | 880 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 340 U | 330 U | 360 UJ | 380 UJ | 350 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 85-01-8 | Phenanthrene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 120-12-7 | Anthracene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 86-74-8 | Carbazole | ug/kg | 340 U | 330 U | 360 UJ | 380 UJ | 350 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 206-44-0 | Fluoranthene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 129-00-0 | Pyrene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 218-01-9 | Chrysene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 340 U | 330 U | 360 U | 380 U | 350 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 95.9 | 97.2 | 89.7 | 87 | 93.8 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-06<br>3.5-4<br>JP9875<br>OHM<br>SOIL<br>6/20/96<br>10/27/96 | 17-SS-07<br>3.5-4<br>JP9876<br>OHM<br>SOIL<br>6/20/96<br>10/27/96 | 17-SS-08<br>3-4<br>JP9935<br>OHM<br>SOIL<br>6/24/96<br>10/27/96 | 17-SS-09<br>3-4<br>JP9936<br>OHM<br>SOIL<br>6/24/96<br>10/27/96 | 17-SS-10<br>3.5-4<br>JP9937<br>OHM<br>SOIL<br>6/24/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 72000 | 1 U | 1 U | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 220 U | 0.2 U | 0.2 U | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 21000 | 1 U | 1 U | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 74-87-3 | Chloromethane | ug/kg | 1 U | 1100 UJ | 1 UJ | 1 UJ | 1 UJ |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 2700 | 1 U | 1 U | 1 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 5 U | 6700 UJ | 5 UJ | 5 UJ | 5 UJ |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 4500 | 1 U | 1 U | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 1 U | 25000 | 1 U | 1 U | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 108-88-3 | Toluene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 1 | 1100 J | 1 U | 1 U | 1 U |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 21000 | 1 U | 1 U | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1100 U | 1 U | 1 U | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 4100 | 1 U | 1 U | 1 U |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-06<br>3.5-4<br>JP9875<br>OHM<br>SOIL<br>6/20/96<br>10/27/96 | 17-SS-07<br>3.5-4<br>JP9876<br>OHM<br>SOIL<br>6/20/96<br>10/27/96 | 17-SS-08<br>3-4<br>JP9935<br>OHM<br>SOIL<br>6/24/96<br>10/27/96 | 17-SS-09<br>3-4<br>JP9936<br>OHM<br>SOIL<br>6/24/96<br>10/27/96 | 17-SS-10<br>3.5-4<br>JP9937<br>OHM<br>SOIL<br>6/24/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 106-44-5 | 4-Methylphenol | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 67-72-1 | Hexachloroethane | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 98-95-3 | Nitrobenzene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 78-59-1 | Isophorone | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 91-20-3 | Naphthalene | ug/kg | 350 U | 16000 | 340 U | 340 U | 340 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 350 U | 26000 | 340 U | 340 U | 340 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 350 UJ | 3400 U | 340 U | 340 U | 340 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 208-96-8 | Acenaphthylene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 83-32-9 | Acenaphthene | ug/kg | 350 U | 1100 J | 340 U | 340 U | 340 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1700 UJ | 17000 U | 1700 U | 1700 U | 1700 U |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1700 U | 17000 U | 1700 U | 1700 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/kg | 350 U | 950 J | 340 U | 340 U | 340 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 84-66-2 | Diethyl phthalate | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 86-73-7 | Fluorene | ug/kg | 350 U | 1700 J | 340 U | 340 U | 340 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 870 U | 8500 U | 860 U | 840 U | 850 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 350 U | 3400 UJ | 340 U | 340 U | 340 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 85-01-8 | Phenanthrene | ug/kg | 350 U | 4000 | 340 U | 340 U | 340 U |
| 120-12-7 | Anthracene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 86-74-8 | Carbazole | ug/kg | 350 UJ | 3400 UJ | 340 U | 340 U | 340 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 206-44-0 | Fluoranthene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 129-00-0 | Pyrene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 218-01-9 | Chrysene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 270 J | 3400 U | 340 U | 340 U | 340 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 350 U | 3400 U | 340 U | 340 U | 340 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 94.8 | 95 | 95.7 | 96.4 | 95.7 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-11<br>3-4<br>JP9938<br>OHM<br>SOIL<br>6/24/96<br>10/27/96 | 17-SS-12<br>3-4<br>JP9939<br>OHM<br>SOIL<br>6/24/96<br>10/27/96 | 17-SS-13<br>3-4<br>JP9940<br>OHM<br>SOIL<br>6/24/96<br>10/27/96 | 17-SS-14<br>1-2<br>JP9941<br>OHM<br>SOIL<br>6/24/96<br>10/27/96 | 17-SS-15<br>3-4<br>JP9942<br>OHM<br>SOIL<br>6/24/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 U | 0.4 J | 1 U | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-87-3 | Chloromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 5 UJ | 5 U | 5 U | 5 U | 5 U |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-88-3 | Toluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 0.8 J | 1 | 0.8 J | 0.6 J | 1 U |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |

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| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: | 17-SS-11 | 17-SS-12 | 17-SS-13 | 17-SS-14 | 17-SS-15 |
|---|---|---|---|---|---|---|---|---|
| | | | DEPTH: | 3-4 | 3-4 | 3-4 | 1-2 | 3-4 |
| | | | LAB ID: | JP9938 | JP9939 | JP9940 | JP9941 | JP9942 |
| | | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | | SAMPLED: | 6/24/96 | 6/24/96 | 6/24/96 | 6/24/96 | 6/24/96 |
| | | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | SEMIVOLATILES | | | | | | | |
| 108-95-2 | Phenol | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 95-48-7 | 2-Methylphenol | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 106-44-5 | 4-Methylphenol | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 67-72-1 | Hexachloroethane | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 98-95-3 | Nitrobenzene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 78-59-1 | Isophorone | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 91-20-3 | Naphthalene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 208-96-8 | Acenaphthylene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | | 340 U | 360 U | 350 U | 350 UJ | 340 UJ |
| 99-09-2 | 3-Nitroaniline | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 83-32-9 | Acenaphthene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | | 1700 U | 1800 U | 1800 U | 1700 U | 1700 U |
| 100-02-7 | 4-Nitrophenol | ug/kg | | 1700 U | 1800 U | 1800 U | 1700 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | | 340 U | 360 U | 350 U | 350 UJ | 340 UJ |
| 84-66-2 | Diethyl phthalate | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 86-73-7 | Fluorene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | | 850 U | 900 U | 880 U | 870 U | 860 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 87-86-5 | Pentachlorophenol | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 85-01-8 | Phenanthrene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 120-12-7 | Anthracene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 86-74-8 | Carbazole | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 206-44-0 | Fluoranthene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 129-00-0 | Pyrene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 218-01-9 | Chrysene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | | 340 U | 360 U | 350 U | 350 U | 1100 |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | | 340 U | 360 U | 350 U | 350 U | 340 U |
| | OTHER | | | | | | | |
| SOLIDS | Solids, Total | % | | 97.3 | 91.9 | 93.9 | 95.3 | 95.1 |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | SAMPLE ID: | 17-SS-16 | 17-SS-17 | 17-SS-18 | 17-SS-19 | 17-SS-20 |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 1-2 | 0-1 | 3-4 | 3-4 | 3-4 |
| | | LAB ID: | JP9943 | JP9944 | JP9945 | JP9946 | JP9947 |
| | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/24/96 | 6/24/96 | 6/24/96 | 6/24/96 | 6/24/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | VOLATILES | UNITS: | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-87-3 | Chloromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 41 | 10 U | 5 UJ | 5 U | 5 UJ |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-88-3 | Toluene | ug/kg | 4 | 3 | 1 U | 1 U | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 3 | 2 | 0.7 J | 1 U | 1 U |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1330-20-7 | Xylenes | ug/kg | 1 | 1 U | 1 U | 1 U | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
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| CAS NO. | COMPOUND | UNITS: | 17-SS-16 1-2 JP9943 OHM SOIL 6/24/96 10/27/96 | 17-SS-17 0-1 JP9944 OHM SOIL 6/24/96 10/27/96 | 17-SS-18 3-4 JP9945 OHM SOIL 6/24/96 10/27/96 | 17-SS-19 3-4 JP9946 OHM SOIL 6/24/96 10/27/96 | 17-SS-20 3-4 JP9947 OHM SOIL 6/24/96 10/27/96 |
|---|---|---|---|---|---|---|---|
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 106-44-5 | 4-Methylphenol | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 67-72-1 | Hexachloroethane | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 98-95-3 | Nitrobenzene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 78-59-1 | Isophorone | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 91-20-3 | Naphthalene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 208-96-8 | Acenaphthylene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 340 UJ | 340 UJ | 360 UJ | 340 UJ | 340 UJ |
| 99-09-2 | 3-Nitroaniline | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 83-32-9 | Acenaphthene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1700 U | 1700 U | 1800 U | 1700 U | 1700 U |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1700 U | 1700 U | 1800 U | 1700 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 340 UJ | 340 UJ | 360 UJ | 340 UJ | 340 UJ |
| 84-66-2 | Diethyl phthalate | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 86-73-7 | Fluorene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 850 U | 850 U | 900 U | 850 U | 850 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 85-01-8 | Phenanthrene | ug/kg | 340 U | 590 | 360 U | 340 U | 340 U |
| 120-12-7 | Anthracene | ug/kg | 340 U | 120 J | 360 U | 340 U | 340 U |
| 86-74-8 | Carbazole | ug/kg | 340 U | 70 J | 360 U | 340 U | 340 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 206-44-0 | Fluoranthene | ug/kg | 340 U | 740 | 360 U | 340 U | 340 U |
| 129-00-0 | Pyrene | ug/kg | 340 U | 590 | 360 U | 340 U | 340 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 340 U | 290 J | 360 U | 340 U | 340 U |
| 218-01-9 | Chrysene | ug/kg | 340 U | 340 J | 360 U | 340 U | 340 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 340 U | 230 J | 360 U | 340 U | 340 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 340 U | 240 J | 360 U | 340 U | 340 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 340 U | 240 J | 360 U | 340 U | 340 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 340 U | 140 J | 360 U | 340 U | 340 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 340 U | 340 U | 360 U | 340 U | 340 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 95.7 | 96.3 | 92.7 | 94.9 | 95.5 |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: 17-SS-21 DEPTH: 3-4 LAB ID: JP9948 SOURCE: OHM MATRIX: SOIL SAMPLED: 6/24/96 VALIDATED: 10/27/96 | SAMPLE ID: 17-SS-21DP DEPTH: LAB ID: JP9949 SOURCE: OHM MATRIX: SOIL SAMPLED: 6/24/96 VALIDATED: 10/27/96 | SAMPLE ID: 17-SS-22 DEPTH: 2-3 LAB ID: JP9950 SOURCE: OHM MATRIX: SOIL SAMPLED: 6/24/96 VALIDATED: 10/27/96 | SAMPLE ID: 17-SS-23 DEPTH: 1-2 LAB ID: JP9988 SOURCE: OHM MATRIX: SOIL SAMPLED: 6/25/96 VALIDATED: 10/27/96 | SAMPLE ID: 17-SS-24 DEPTH: 1.5-2.5 LAB ID: JP9987 SOURCE: OHM MATRIX: SOIL SAMPLED: 6/25/96 VALIDATED: 10/27/96 |
|---|---|---|---|---|---|---|---|
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 28 | 4 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 U | 0.2 U | 0.9 U | 0.8 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 UJ | 1 UJ | 1 UJ | 5 U | 4 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 19 | 4 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 75-00-3 | Chloroethane | ug/kg | 1 UJ | 1 UJ | 1 UJ | 5 U | 4 U |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 74-87-3 | Chloromethane | ug/kg | 1 UJ | 1 UJ | 1 UJ | 5 UJ | 4 UJ |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 UJ | 1 UJ | 1 UJ | R | R |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 U | 1 U | 2 J | 4 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 75-09-2 | Methylene chloride | ug/kg | 5 UJ | 5 UJ | 5 UJ | 26 UJ | 20 UJ |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 91-20-3 | Naphthalene | ug/kg | 1 U | 1 U | 25 | 66 | 4 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 108-88-3 | Toluene | ug/kg | 1 U | 1 U | 1 U | 3 J | 4 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 79-01-6 | Trichloroethylene | ug/kg | 2 J | 1 UJ | 1 U | 5 U | 12 |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 U | 1 U | 1 U | 5 UJ | 4 UJ |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 1 U | 1 U | 7 | 4 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 UJ | 1 UJ | 1 UJ | 5 U | 4 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 U | 1 U | 5 U | 4 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: 17-SS-21 | 17-SS-21DP | 17-SS-22 | 17-SS-23 | 17-SS-24 |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 3-4 | | 2-3 | 1-2 | 1.5-2.5 |
| | | LAB ID: | JP9948 | JP9949 | JP9950 | JP9986 | JP9987 |
| | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/24/96 | 6/24/96 | 6/24/96 | 6/25/96 | 6/25/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 106-44-5 | 4-Methylphenol | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 67-72-1 | Hexachloroethane | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 98-95-3 | Nitrobenzene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 78-59-1 | Isophorone | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 91-20-3 | Naphthalene | ug/kg | 340 U | 340 U | 340 U | 320 J | 340 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 340 U | 340 U | 340 U | 200 J | 340 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 208-96-8 | Acenaphthylene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 340 UJ | 340 UJ | 340 UJ | 350 U | 340 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 83-32-9 | Acenaphthene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1700 U | 1700 U | 1700 U | 1700 U | 1700 U |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1700 U | 1700 U | 1700 U | 1700 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 340 UJ | 340 UJ | 340 UJ | 350 U | 340 U |
| 84-66-2 | Diethyl phthalate | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 86-73-7 | Fluorene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 840 U | 840 U | 840 U | 870 U | 850 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 85-01-8 | Phenanthrene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 120-12-7 | Anthracene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 86-74-8 | Carbazole | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 340 U | 340 U | 99.6 J | 350 U | 340 U |
| 206-44-0 | Fluoranthene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 129-00-0 | Pyrene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 218-01-9 | Chrysene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 340 U | 340 U | 340 U | 350 U | 340 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 96.7 | 96.8 | 97.1 | 95.6 | 96.8 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-25<br>1-2<br>JP9988<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-26<br>1-2<br>JP9989<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-27<br>1-2<br>JP9990<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-28<br>1-2<br>JP9991<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-29<br>0.5-2<br>JP9992<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 0.5 J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-87-3 | Chloromethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | R | 1 U | 1 U | 1 U | 1 U |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 5 UJ | 5 U | 5 U | 12 U | 63 |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1 U | 1 U | 0.6 J | 0.6 J |
| 108-88-3 | Toluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 1 J | 1 U | 0.6 J | 4 | 3 |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 |
| 75-01-4 | Vinyl chloride | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | SAMPLE ID: / DEPTH: / LAB ID: / SOURCE: / MATRIX: / SAMPLED: / VALIDATED: / UNITS: | 17-SS-25 1-2 JP9988 OHM SOIL 6/25/96 10/27/96 | 17-SS-26 1-2 JP9989 OHM SOIL 6/25/96 10/27/96 | 17-SS-27 1-2 JP9990 OHM SOIL 6/25/96 10/27/96 | 17-SS-28 1-2 JP9991 OHM SOIL 6/25/96 10/27/96 | 17-SS-29 0.5-2 JP9992 OHM SOIL 6/25/96 10/27/96 |
|---|---|---|---|---|---|---|---|
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 106-44-5 | 4-Methylphenol | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 67-72-1 | Hexachloroethane | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 98-95-3 | Nitrobenzene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 78-59-1 | Isophorone | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 91-20-3 | Naphthalene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 208-96-8 | Acenaphthylene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 83-32-9 | Acenaphthene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1700 U | 1700 U | 1700 U | 1700 U | 1800 U |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1700 U | 1700 U | 1700 U | 1700 U | 1800 U |
| 132-64-9 | Dibenzofuran | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 84-66-2 | Diethyl phthalate | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 86-73-7 | Fluorene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 860 U | 860 U | 860 U | 860 U | 900 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 85-01-8 | Phenanthrene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 120-12-7 | Anthracene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 86-74-8 | Carbazole | ug/kg | 340 U | 340 U | 350 U | R | R |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 206-44-0 | Fluoranthene | ug/kg | 340 U | 340 U | 350 U | 33 J | 360 U |
| 129-00-0 | Pyrene | ug/kg | 340 U | 340 U | 350 U | 31 J | 360 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 218-01-9 | Chrysene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 340 U | 340 U | 350 U | 340 U | 360 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 95.3 | 94.9 | 94.6 | 95.9 | 91.4 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-30<br>2-3<br>JP9993<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-31<br>2.5-3.5<br>JP9994<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-32<br>2.5-3.5<br>JP9995<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-33<br>3-4<br>JP9996<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-34<br>2.5-3.5<br>JP9997<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES: | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 U | 620 J | 1 UJ | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 U | 24000 J | 1 UJ | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 U | 120 UJ | 0.2 UJ | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 U | 8400 J | 1 UJ | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 74-87-3 | Chloromethane | ug/kg | 1 U | 1 U | R | 1 UJ | 1 UJ |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 U | 1 U | R | 1 UJ | R |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 0.7 |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 15 U | 15 U | 2900 UJ | 5 UJ | 15 UJ |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 3 | 25 | 7500 J | 1 UJ | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 4 J |
| 108-88-3 | Toluene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 6 J |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 1 U | 1 | 6700 J | 1 UJ | 5 J |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 UJ |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 1 U | 14000 J | 1 UJ | 3 J |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1 U | 590 UJ | 1 UJ | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 U | 2600 J | 1 UJ | 1 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | SAMPLE ID: | 17-SS-30 | 17-SS-31 | 17-SS-32 | 17-SS-33 | 17-SS-34 |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 2-3 | 2.5-3.5 | 2.5-3.5 | 3-4 | 2.5-3.5 |
| | | LAB ID: | JP9993 | JP9994 | JP9995 | JP9996 | JP9997 |
| | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/25/96 | 6/25/96 | 6/25/96 | 6/25/96 | 6/25/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 106-44-5 | 4-Methylphenol | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 67-72-1 | Hexachloroethane | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 98-95-3 | Nitrobenzene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 78-59-1 | Isophorone | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 91-20-3 | Naphthalene | ug/kg | 350 U | 340 U | 4600 | 350 U | 340 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 350 U | 57 J | 5800 | 350 U | 340 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 208-96-8 | Acenaphthylene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 83-32-9 | Acenaphthene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1700 UJ | 1700 UJ | 8600 U | 1700 UJ | 1700 UJ |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1700 U | 1700 U | 8600 U | 1700 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 84-66-2 | Diethyl phthalate | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 86-73-7 | Fluorene | ug/kg | 350 U | 340 U | 510 J | 350 U | 340 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 870 U | 860 U | 4300 U | 870 U | 850 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 85-01-8 | Phenanthrene | ug/kg | 350 U | 340 U | 810 J | 350 U | 340 U |
| 120-12-7 | Anthracene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 86-74-8 | Carbazole | ug/kg | 350 U | 340 U | R | 350 U | 340 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 206-44-0 | Fluoranthene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 129-00-0 | Pyrene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 218-01-9 | Chrysene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 350 U | 340 U | 1700 U | 350 U | 340 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 96.1 | 96 | 96.8 | 95 | 96.4 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-35<br>0.5-2<br>JP9998<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-36<br>0.5-2<br>JP9999<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-37<br>3-4<br>JQ0001<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-38<br>0.5-2<br>JQ0002<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-38DP<br><br>JQ0003<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 UJ | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 71-43-2 | Benzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 75-25-2 | Bromoform | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 1 UJ | 1 U | 1 UJ | 1 UJ | 1 UJ |
| 67-66-3 | Chloroform | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 74-87-3 | Chloromethane | ug/kg | 1 UJ | 1 UJ | R | R | R |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 UJ | R | 1 UJ | 1 UJ | 1 UJ |
| 100-41-4 | Ethylbenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 5 UJ | 8 UJ | 5 UJ | 8 U | 5 U |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 100-42-5 | Styrene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 J | 0.5 J | 1 U | 1 U | 1 U |
| 108-88-3 | Toluene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 1 J | 0.7 J | 1 U | 2 J | 1 UJ |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 1330-20-7 | Xylenes | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 UJ | 1 U | 1 U | 1 U | 1 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: | 17-SS-35 | 17-SS-36 | 17-SS-37 | 17-SS-38 | 17-SS-38DP |
|---|---|---|---|---|---|---|---|---|
| | | | DEPTH: | 0.5-2 | 0.5-2 | 3-4 | 0.5-2 | |
| | | | LAB ID: | JP9998 | JP9999 | JQ0001 | JQ0002 | JQ0003 |
| | | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | | SAMPLED: | 6/25/96 | 6/25/96 | 6/25/96 | 6/25/96 | 6/25/96 |
| | | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | SEMIVOLATILES | | | | | | | |
| 108-95-2 | Phenol | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 95-48-7 | 2-Methylphenol | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 106-44-5 | 4-Methylphenol | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 67-72-1 | Hexachloroethane | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 98-95-3 | Nitrobenzene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 78-59-1 | Isophorone | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 91-20-3 | Naphthalene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 208-96-8 | Acenaphthylene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 83-32-9 | Acenaphthene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | | 1900 UJ | 1700 U | 1700 U | 1800 U | 1700 UJ |
| 100-02-7 | 4-Nitrophenol | ug/kg | | 1900 U | 1700 U | 1700 U | 1800 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 84-66-2 | Diethyl phthalate | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 86-73-7 | Fluorene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | | 950 U | 860 U | 840 U | 880 U | 870 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 87-86-5 | Pentachlorophenol | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 85-01-8 | Phenanthrene | ug/kg | | 380 U | 350 U | 340 U | 240 J | 350 U |
| 120-12-7 | Anthracene | ug/kg | | 380 U | 350 U | 340 U | 70 J | 350 U |
| 86-74-8 | Carbazole | ug/kg | | 380 U | R | R | R | 350 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 206-44-0 | Fluoranthene | ug/kg | | 56 J | 37 J | 340 U | 300 J | 45 J |
| 129-00-0 | Pyrene | ug/kg | | 46 J | 37 J | 340 U | 250 J | 38 J |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | | 380 U | 350 U | 340 U | 150 J | 350 U |
| 218-01-9 | Chrysene | ug/kg | | 380 U | 350 U | 340 U | 130 J | 350 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | | 380 U | 350 U | 340 U | 350 U | 51 J |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | | 380 U | 350 U | 340 U | 120 J | 350 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | | 380 U | 350 U | 340 U | 99 J | 350 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | | 380 U | 350 U | 340 U | 120 J | 350 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | | 380 U | 350 U | 340 U | 350 U | 350 U |
| | OTHER | | | | | | | |
| SOLIDS | Solids, Total | % | | 86.7 | 95.8 | 96.3 | 93.9 | 95.8 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-39<br>3-4<br>JQ0004<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-40<br>0.5-2<br>JQ0006<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-41<br>0.5-2<br>JQ0007<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-42<br>0.5-2<br>JQ0008<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-43<br>3-4<br>JQ0009<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-87-3 | Chloromethane | ug/kg | R | R | R | R | R |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 5 U | 5 U | 5 U | 5 U | 5 U |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 2 | 1 U | 1 U | 1 U |
| 108-88-3 | Toluene | ug/kg | 1 U | 1 U | 1 U | 2 | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 1 U | 2 | 1 U | 2 | 1 U |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 1 U | 1 U | 0.9 J | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | SAMPLE ID: | 17-SS-39 | 17-SS-40 | 17-SS-41 | 17-SS-42 | 17-SS-43 |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 3-4 | 0.5-2 | 0.5-2 | 0.5-2 | 3-4 |
| | | LAB ID: | JQ0004 | JQ0006 | JQ0007 | JQ0008 | JQ0009 |
| | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/25/96 | 6/25/96 | 6/25/96 | 6/25/96 | 6/25/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | SEMIVOLATILES | UNITS: | | | | | |
| 108-95-2 | Phenol | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 106-44-5 | 4-Methylphenol | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 67-72-1 | Hexachloroethane | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 98-95-3 | Nitrobenzene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 78-59-1 | Isophorone | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 340 UJ | 360 UJ | 340 UJ | 340 UJ | 340 UJ |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 91-20-3 | Naphthalene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 208-96-8 | Acenaphthylene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 83-32-9 | Acenaphthene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1700 U | 1800 U | 1700 U | 1700 U | 1700 U |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1700 U | 1800 U | 1700 U | 1700 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 340 UJ | 360 UJ | 340 UJ | 340 UJ | 340 UJ |
| 84-66-2 | Diethyl phthalate | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 86-73-7 | Fluorene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 850 U | 890 U | 850 U | 860 U | 860 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 85-01-8 | Phenanthrene | ug/kg | 340 U | 180 J | 340 U | 340 U | 340 U |
| 120-12-7 | Anthracene | ug/kg | 340 U | 37 J | 340 U | 340 U | 340 U |
| 86-74-8 | Carbazole | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 206-44-0 | Fluoranthene | ug/kg | 340 U | 360 | 340 U | 340 U | 340 U |
| 129-00-0 | Pyrene | ug/kg | 340 U | 270 J | 340 U | 340 U | 340 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 340 U | 180 J | 340 U | 340 U | 340 U |
| 218-01-9 | Chrysene | ug/kg | 340 U | 190 J | 340 U | 340 U | 340 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 340 U | 160 J | 340 U | 340 U | 340 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 340 U | 150 J | 340 U | 340 U | 340 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 340 U | 150 J | 340 U | 340 U | 340 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 340 U | 100 J | 340 U | 340 U | 340 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 340 U | 360 U | 340 U | 340 U | 340 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 96 | 93.8 | 96.8 | 96.4 | 94.9 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-44<br>3-4<br>JQ0010<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-45<br>3-4<br>JQ0011<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-46<br>3-4<br>JQ0012<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-47<br>3-4<br>JQ0013<br>OHM<br>SOIL<br>6/25/96<br>10/27/96 | 17-SS-48<br>3-4<br>JQ0026<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 UJ |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 110 D | 1 UJ |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 0.8 J | 1 UJ |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 4 | 1 UJ |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-00-3 | Chloroethane | ug/kg | 1 UJ | 1 UJ | 1 U | 1 U | 1 UJ |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 74-87-3 | Chloromethane | ug/kg | 1 R | R | 1 UJ | 1 UJ | 1 UJ |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-09-2 | Methylene chloride | ug/kg | 5 U | 5 U | 5 U | 13 U | 5 UJ |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 91-20-3 | Naphthalene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1 U | 1 U | 9 | 0.5 J |
| 108-88-3 | Toluene | ug/kg | 1 U | 1 U | 2 | 3 | 1 UJ |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 79-01-6 | Trichloroethylene | ug/kg | 0.5 J | 1 U | 1 | 3 | 0.4 J |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-01-4 | Vinyl chloride | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: | 17-SS-44 | 17-SS-45 | 17-SS-46 | 17-SS-47 | 17-SS-48 |
|---|---|---|---|---|---|---|---|---|
| | | | DEPTH: | 3-4 | 3-4 | 3-4 | 3-4 | 3-4 |
| | | | LAB ID: | JQ0010 | JQ0011 | JQ0012 | JQ0013 | JQ0026 |
| | | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | | SAMPLED: | 6/25/96 | 6/25/96 | 6/25/96 | 6/25/96 | 6/26/96 |
| | | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | SEMIVOLATILES | | | | | | | |
| 108-95-2 | Phenol | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | | 350 U | 340 U | 350 U | 460 | 340 U |
| 95-48-7 | 2-Methylphenol | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 106-44-5 | 4-Methylphenol | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 67-72-1 | Hexachloroethane | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 98-95-3 | Nitrobenzene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 78-59-1 | Isophorone | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | | 350 UJ | 340 UJ | 350 UJ | 350 UJ | 340 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 91-20-3 | Naphthalene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 208-96-8 | Acenaphthylene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 83-32-9 | Acenaphthene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | | 1700 U | 1700 U | 1700 U | 1800 U | 1700 UJ |
| 100-02-7 | 4-Nitrophenol | ug/kg | | 1700 U | 1700 U | 1700 U | 1800 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | | 350 UJ | 340 UJ | 350 UJ | 350 UJ | 340 U |
| 84-66-2 | Diethyl phthalate | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 86-73-7 | Fluorene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | | 860 U | 860 U | 860 U | 880 U | 850 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 87-86-5 | Pentachlorophenol | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 85-01-8 | Phenanthrene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 120-12-7 | Anthracene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 86-74-8 | Carbazole | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 206-44-0 | Fluoranthene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 129-00-0 | Pyrene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 218-01-9 | Chrysene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | | 350 U | 48 J | 350 U | 350 U | 340 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | | 350 U | 340 U | 350 U | 350 U | 340 U |
| | OTHER | | | | | | | |
| SOLIDS | Solids, Total | % | | 95.8 | 95 | 94.6 | 92.5 | 96.1 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-49<br>3-4<br>JQ0027<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-50<br>3-4<br>JQ0028<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-51<br>3-4<br>JQ0029<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-52<br>3-4<br>JQ0030<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-53<br>3-4<br>JQ0031<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-87-3 | Chloromethane | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 5 U | 5 U | 5 U | 5 U | 5 U |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-88-3 | Toluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 1 U | 0.6 J | 0.4 J | 3 | 1 U |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | UNITS: | 17-SS-49 | 17-SS-50 | 17-SS-51 | 17-SS-52 | 17-SS-53 |
|---|---|---|---|---|---|---|---|
| | SAMPLE ID: | | 17-SS-49 | 17-SS-50 | 17-SS-51 | 17-SS-52 | 17-SS-53 |
| | DEPTH: | | 3-4 | 3-4 | 3-4 | 3-4 | 3-4 |
| | LAB ID: | | JQ0027 | JQ0028 | JQ0029 | JQ0030 | JQ0031 |
| | SOURCE: | | OHM | OHM | OHM | OHM | OHM |
| | MATRIX: | | SOIL | SOIL | SOIL | SOIL | SOIL |
| | SAMPLED: | | 6/26/96 | 6/26/96 | 6/26/96 | 6/26/96 | 6/26/96 |
| | VALIDATED: | | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 340 U | 350 UJ | 350 UJ | 340 UJ | 350 UJ |
| 106-44-5 | 4-Methylphenol | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 67-72-1 | Hexachloroethane | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 98-95-3 | Nitrobenzene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 78-59-1 | Isophorone | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 91-20-3 | Naphthalene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 208-96-8 | Acenaphthylene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 83-32-9 | Acenaphthene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1700 UJ | 1800 UJ | 1800 UJ | 1700 UJ | 1700 UJ |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1700 U | 1800 U | 1800 U | 1700 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 340 U | 350 UJ | 350 UJ | 340 UJ | 350 UJ |
| 84-66-2 | Diethyl phthalate | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 86-73-7 | Fluorene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 850 U | 880 U | 880 U | 860 U | 880 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 85-01-8 | Phenanthrene | ug/kg | 140 J | 110 J | 210 J | 340 U | 350 U |
| 120-12-7 | Anthracene | ug/kg | 340 U | 21 J | 43 J | 340 U | 350 U |
| 86-74-8 | Carbazole | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 206-44-0 | Fluoranthene | ug/kg | 270 J | 120 J | 260 J | 340 U | 350 U |
| 129-00-0 | Pyrene | ug/kg | 170 J | 100 J | 190 J | 340 U | 350 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 110 J | 350 U | 110 J | 340 U | 350 U |
| 218-01-9 | Chrysene | ug/kg | 110 J | 350 U | 120 J | 340 U | 350 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 110 J | 42 J | 83 J | 340 U | 350 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 90 J | 43 J | 70 J | 340 U | 350 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 94 J | 46 J | 83 J | 340 U | 350 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 340 U | 350 U | 350 U | 340 U | 350 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 96.2 | 93.8 | 93 | 95.5 | 94.8 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-54<br>3-4<br>JQ0032<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-55<br>3-4<br>JQ0033<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-56<br>3-4<br>JQ0034<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-57<br>3-4<br>JQ0035<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-59<br>3-4<br>JQ0037<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-87-3 | Chloromethane | ug/kg | 1 UJ | 1 UJ | 1 U | 1 U | 1 U |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 5 UJ | 5 U | 5 UJ | 5 UJ | 5 UJ |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 108-88-3 | Toluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 | 0.6 J |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 UJ | 1 UJ | 1 U | 1 U | 1 U |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 UJ | 1 UJ | 1 UJ |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 U |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-54<br>3-4<br>JQ0032<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-55<br>3-4<br>JQ0033<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-56<br>3-4<br>JQ0034<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-57<br>3-4<br>JQ0035<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-59<br>3-4<br>JQ0037<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 340 UJ | 350 UJ | 350 UJ | 350 UJ | 350 UJ |
| 106-44-5 | 4-Methylphenol | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 67-72-1 | Hexachloroethane | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 98-95-3 | Nitrobenzene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 78-59-1 | Isophorone | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 91-20-3 | Naphthalene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 208-96-8 | Acenaphthylene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 83-32-9 | Acenaphthene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1700 UJ | 1700 UJ | 1700 UJ | 1800 UJ | 1700 UJ |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1700 U | 1700 U | 1700 U | 1800 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 340 UJ | 350 UJ | 350 UJ | 350 UJ | 350 UJ |
| 84-66-2 | Diethyl phthalate | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 86-73-7 | Fluorene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 850 U | 870 U | 860 U | 880 U | 870 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 85-01-8 | Phenanthrene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 120-12-7 | Anthracene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 86-74-8 | Carbazole | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 206-44-0 | Fluoranthene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 129-00-0 | Pyrene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 218-01-9 | Chrysene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 340 U | 350 U | 350 U | 350 U | 350 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 95.7 | 94.3 | 94.9 | 93.9 | 95.2 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-60<br>3-4<br>JQ0038<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-61<br>2.5-4<br>JQ0039<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-64<br>3-4<br>JQ0040<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-65<br>3-4<br>JQ0041<br>OHM<br>SOIL<br>6/26/96<br>10/27/96 | 17-SS-66<br>1-3.5<br>17SS66/JQ0042<br>AES/OHM<br>SOIL<br>6/26/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 110 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 UJ | 33 J | 1 UJ | 1 UJ | 11 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.9 UJ | 0.2 UJ | 0.2 U | 11 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 UJ | 5 UJ | 1 UJ | 1 UJ | 11 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 110 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 110 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 75-00-3 | Chloroethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 110 U |
| 67-66-3 | Chloroform | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 74-87-3 | Chloromethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 110 U |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 UJ | 5 UJ | 1 UJ | 1 UJ | 110 U |
| 100-41-4 | Ethylbenzene | ug/kg | 0.3 J | 5 UJ | 1 UJ | 1 U | 11 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 75-09-2 | Methylene chloride | ug/kg | 10 UJ | 20 UJ | 5 UJ | 6 UJ | 40 U |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 91-20-3 | Naphthalene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 108-88-3 | Toluene | ug/kg | 2 J | 5 UJ | 1 UJ | 1 U | 11 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |
| 79-01-6 | Trichloroethylene | ug/kg | 38 J | 1100 J | 1 J | 2 | 11 U |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 110 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 110 U |
| 1330-20-7 | Xylenes | ug/kg | 1 J | 5 UJ | 1 UJ | 1 U | 11 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 UJ | 5 UJ | 1 UJ | 1 UJ | 11 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 UJ | 5 UJ | 1 UJ | 1 UJ | 11 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 5 UJ | 1 UJ | 1 U | 11 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | SAMPLE ID: | 17-SS-60 | 17-SS-61 | 17-SS-64 | 17-SS-65 | 17-SS-66 |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 3-4 | 2.5-4 | 3-4 | 3-4 | 1-3.5 |
| | | LAB ID: | JQ0038 | JQ0039 | JQ0040 | JQ0041 | 17SS66/JQ0042 |
| | | SOURCE: | OHM | OHM | OHM | OHM | AES/OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/26/96 | 6/26/96 | 6/26/96 | 6/26/96 | 6/26/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 370 UJ | 1100 UJ | 360 UJ | 350 UJ | 350 UJ |
| 106-44-5 | 4-Methylphenol | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 67-72-1 | Hexachloroethane | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 98-95-3 | Nitrobenzene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 78-59-1 | Isophorone | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 91-20-3 | Naphthalene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 208-96-8 | Acenaphthylene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 83-32-9 | Acenaphthene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1800 UJ | 5600 UJ | 1800 UJ | 1800 UJ | 1700 UJ |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1800 U | 5600 UJ | 1800 U | 1800 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 370 UJ | 1100 UJ | 360 UJ | 350 UJ | 350 UJ |
| 84-66-2 | Diethyl phthalate | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 86-73-7 | Fluorene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 910 U | 2800 UJ | 900 U | 880 U | 870 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 85-01-8 | Phenanthrene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 110 J |
| 120-12-7 | Anthracene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 86-74-8 | Carbazole | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 206-44-0 | Fluoranthene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 100 J |
| 129-00-0 | Pyrene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 85 J |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 43 J |
| 218-01-9 | Chrysene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 48 J |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 220 J | 1100 UJ | 360 U | 350 U | 350 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 37 J |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 370 U | 1100 UJ | 360 U | 350 U | 350 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 90.8 | 86.7 | 91.7 | 94.6 | 92.6 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID: | 17-SS-67 | 17-SS-68 | 17-SS-69 | 17-SS-70 | 17-SS-71 |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 2-3.5 | 2-3.5 | 2-3 | 2-3 | 2-3 |
| | | LAB ID: | 17SS67/JQ0043 | 17SS68/JQ0044 | 17SS69/JQ0045 | 17SS70/JQ0048 | 17SS71/JQ0049 |
| | | SOURCE: | AES/OHM | AES/OHM | AES/OHM | AES/OHM | AES/OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/26/96 | 6/26/96 | 6/26/96 | 6/26/96 | 6/26/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 110 U | 100 U | 110 U | 110 U | 110 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 71-43-2 | Benzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 108-86-1 | Bromobenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 74-97-5 | Bromochloromethane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 75-25-2 | Bromoform | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 74-83-9 | Bromomethane | ug/kg | 110 U | 100 U | 110 U | 110 U | 110 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 110 U | 100 U | 110 U | 110 U | 110 U |
| 108-90-7 | Chlorobenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 75-00-3 | Chloroethane | ug/kg | 110 U | 100 U | 110 U | 110 U | 110 U |
| 67-66-3 | Chloroform | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 74-87-3 | Chloromethane | ug/kg | 110 U | 100 U | 110 U | 110 U | 110 U |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 74-95-3 | Dibromomethane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 110 U | 100 U | 110 U | 110 U | 110 U |
| 100-41-4 | Ethylbenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 75-09-2 | Methylene chloride | ug/kg | 40 U | 29 U | 43 U | 29 U | 33 U |
| 104-51-8 | n-Butylbenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 91-20-3 | Naphthalene | ug/kg | 19 | 10 U | 11 U | 11 U | 11 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 100-42-5 | Styrene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 108-88-3 | Toluene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 79-01-6 | Trichloroethylene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 110 U | 100 U | 110 U | 110 U | 110 U |
| 75-01-4 | Vinyl chloride | ug/kg | 110 U | 100 U | 110 U | 110 U | 110 U |
| 1330-20-7 | Xylenes | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 11 U | 10 U | 11 U | 11 U | 11 U |

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| CAS NO. | COMPOUND | SAMPLE ID: | 17-SS-67 | 17-SS-68 | 17-SS-69 | 17-SS-70 | 17-SS-71 |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 2-3.5 | 2-3.5 | 2-3 | 2-3 | 2-3 |
| | | LAB ID: | 17SS67/JQ0043 | 17SS68/JQ0044 | 17SS69/JQ0045 | 17SS70/JQ0048 | 17SS71/JQ0049 |
| | | SOURCE: | AES/OHM | AES/OHM | AES/OHM | AES/OHM | AES/OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/26/96 | 6/26/96 | 6/26/96 | 6/26/96 | 6/26/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | SEMIVOLATILES | UNITS: | | | | | |
| 108-95-2 | Phenol | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 360 UJ | 340 UJ | 360 U | 360 U | 370 U |
| 106-44-5 | 4-Methylphenol | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 67-72-1 | Hexachloroethane | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 98-95-3 | Nitrobenzene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 78-59-1 | Isophorone | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 91-20-3 | Naphthalene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 208-96-8 | Acenaphthylene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 83-32-9 | Acenaphthene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1800 UJ | 1700 UJ | 1800 UJ | 1800 UJ | 1900 UJ |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1800 U | 1700 U | 1800 U | 1800 U | 1900 U |
| 132-64-9 | Dibenzofuran | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 360 UJ | 340 UJ | 360 U | 360 U | 370 U |
| 84-66-2 | Diethyl phthalate | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 86-73-7 | Fluorene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 890 U | 850 U | 900 U | 900 U | 930 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 85-01-8 | Phenanthrene | ug/kg | 200 J | 340 U | 360 U | 360 U | 370 U |
| 120-12-7 | Anthracene | ug/kg | 34 J | 340 U | 360 U | 360 U | 370 U |
| 86-74-8 | Carbazole | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 206-44-0 | Fluoranthene | ug/kg | 300 J | 340 U | 360 U | 360 U | 370 U |
| 129-00-0 | Pyrene | ug/kg | 230 J | 340 U | 360 U | 360 U | 370 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 130 J | 340 U | 360 U | 360 U | 370 U |
| 218-01-9 | Chrysene | ug/kg | 150 J | 340 U | 360 U | 360 U | 370 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 110 J | 340 U | 360 U | 360 U | 370 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 100 J | 340 U | 360 U | 360 U | 370 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 110 J | 340 U | 360 U | 360 U | 370 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 64 J | 340 U | 360 U | 360 U | 370 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 58 J | 340 U | 360 U | 360 U | 370 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 360 U | 340 U | 360 U | 360 U | 370 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 92.9 | 96.1 | 91 | 92.4 | 88.8 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 17-SS-72<br>2-3<br>17SS72/JQ0050<br>AES/OHM<br>SOIL<br>6/26/96<br>10/27/96 | B-6(3-4)<br>3-4<br>JP9567<br>OHM<br>SOIL<br>6/11/96<br>10/27/96 | H-5(3-4)<br>3-4<br>JP9566<br>OHM<br>SOIL<br>6/11/96<br>10/27/96 | N5-1(1-2)<br>1-2<br>JP9568<br>OHM<br>SOIL<br>6/11/96<br>10/27/96 | IBS-1<br><br>JP9806<br>OHM<br>SOIL<br>6/18/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 110 U | 1 U | 1 U | 1 U | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 11 U | 1 U | 1 U | 1 UJ | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 11 U | 1 U | 1 U | 1 UJ | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 11 U | 1 U | 10 | 1 U | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 11 U | 0.2 U | 0.2 U | 0.2 U | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 11 U | 1 U | 3 | 1 U | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 71-43-2 | Benzene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 75-25-2 | Bromoform | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 110 U | 1 U | 1 U | 1 U | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 110 U | 1 U | 1 U | 1 U | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 110 U | 1 U | 1 U | 1 U | 1 U |
| 67-66-3 | Chloroform | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 74-87-3 | Chloromethane | ug/kg | 110 U | 1 U | 1 U | 1 U | 1 U |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 110 U | 1 U | 1 U | 1 U | 1 U |
| 100-41-4 | Ethylbenzene | ug/kg | 11 U | 1 U | 1 | 1 U | 1 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 28 U | 30 UJ | 17 UJ | 82 UJ | 8 U |
| 104-51-8 | n-Butylbenzene | ug/kg | 11 U | 1 U | 10 | 1 U | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 11 U | 1 J | 27 | 1 U | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 100-42-5 | Styrene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 108-88-3 | Toluene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 11 U | 1 U | 1 U | 17 DJ | 0.6 J |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 110 U | 1 U | 1 U | 1 U | 1 U |
| 75-01-4 | Vinyl chloride | ug/kg | 110 U | 1 U | 1 U | 1 U | 1 U |
| 1330-20-7 | Xylenes | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 11 U | 1 U | 1 U | 1 U | 1 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | SAMPLE ID: | 17-SS-72 | B-6(3-4) | H-5(3-4) | N5-1(1-2) | IBS-1 |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 2-3 | 3-4 | 3-4 | 1-2 | |
| | | LAB ID: | 17SS72/JQ0050 | JP9567 | JP9566 | JP9568 | JP9806 |
| | | SOURCE: | AES/OHM | OHM | OHM | OHM | OHM |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 6/26/96 | 6/11/96 | 6/11/96 | 6/11/96 | 6/18/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 106-44-5 | 4-Methylphenol | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 67-72-1 | Hexachloroethane | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 98-95-3 | Nitrobenzene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 78-59-1 | Isophorone | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 91-20-3 | Naphthalene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 360 UJ | 360 UJ | 340 UJ | 350 UJ | 350 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 208-96-8 | Acenaphthylene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 83-32-9 | Acenaphthene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1800 UJ | 1800 UJ | 1700 UJ | 1800 UJ | 1800 UJ |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1800 U | 1800 U | 1700 U | 1800 U | 1800 U |
| 132-64-9 | Dibenzofuran | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 84-66-2 | Diethyl phthalate | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 86-73-7 | Fluorene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 890 U | 900 U | 840 U | 880 U | 880 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 360 U | 360 U | 340 U | 350 U | 700 U |
| 85-01-8 | Phenanthrene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 120-12-7 | Anthracene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 86-74-8 | Carbazole | ug/kg | 360 U | 360 UJ | 340 UJ | 350 UJ | 350 UJ |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 45 J | 360 U | 340 U | 210 J | 350 U |
| 206-44-0 | Fluoranthene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 129-00-0 | Pyrene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 218-01-9 | Chrysene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 360 U | 360 U | 340 U | 350 U | 350 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 92.8 | 91.5 | 97.1 | 92.8 | 94.3 |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | IBS-2<br><br>JP9807<br>OHM<br>SOIL<br>6/18/96<br>10/27/96 | IBS-3<br><br>JP9808<br>OHM<br>SOIL<br>6/18/96<br>10/27/96 | IBS-4<br><br>JP9809<br>OHM<br>SOIL<br>6/18/96<br>10/27/96 | EQUIPBLK<br><br>JP9951<br>OHM<br>WATER<br>6/24/96<br>10/27/96 | EQUBLANK2<br><br>JQ0014<br>OHM<br>WATER<br>6/25/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | ug/L | ug/L |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 U | 0.2 U | 0.2 U | 0.2 UJ |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-00-3 | Chloroethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 74-87-3 | Chloromethane | ug/kg | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 U | 1 U | 1 U | R | R |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-09-2 | Methylene chloride | ug/kg | 5 U | 5 U | 10 U | 5 UJ | 6 UJ |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 91-20-3 | Naphthalene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 108-88-3 | Toluene | ug/kg | 1 U | 1 U | 3 | 1 U | 1 UJ |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 79-01-6 | Trichloroethylene | ug/kg | 1 U | 1 U | 2 | 1 U | 1 J |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 75-01-4 | Vinyl chloride | ug/kg | 1 U | 1 U | 1 U | 1 UJ | 1 UJ |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 U | 1 U | 1 U | 1 UJ |

| PLATTSBURGH AFB<br>PLATTSBURGH, NY<br>VALIDATED SOIL ANALYTICAL DATA<br>SITE: SS-017 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | IBS-2<br><br>JP9807<br>OHM<br>SOIL<br>6/18/96<br>10/27/96 | IBS-3<br><br>JP9808<br>OHM<br>SOIL<br>6/18/96<br>10/27/96 | IBS-4<br><br>JP9809<br>OHM<br>SOIL<br>6/18/96<br>10/27/96 | EQUIPBLK<br><br>JP9951<br>OHM<br>WATER<br>6/24/96<br>10/27/96 | EQUBLANK2<br><br>JQ0014<br>OHM<br>WATER<br>6/25/96<br>10/27/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | ug/L | ug/L |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 95-57-8 | 2-Chlorophenol | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 95-48-7 | 2-Methylphenol | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 340 U | 360 UJ | 360 UJ | | 11 U |
| 106-44-5 | 4-Methylphenol | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 67-72-1 | Hexachloroethane | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 98-95-3 | Nitrobenzene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 78-59-1 | Isophorone | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 88-75-5 | 2-Nitrophenol | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 91-20-3 | Naphthalene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 106-47-8 | 4-Chloroaniline | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 88-74-4 | 2-Nitroaniline | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 131-11-3 | Dimethyl phthalate | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 208-96-8 | Acenaphthylene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 99-09-2 | 3-Nitroaniline | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 83-32-9 | Acenaphthene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1700 UJ | 1800 U | 1800 U | | 56 U |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1700 U | 1800 U | 1800 U | | 56 U |
| 132-64-9 | Dibenzofuran | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 84-66-2 | Diethyl phthalate | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 86-73-7 | Fluorene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 100-01-6 | 4-Nitroaniline | ug/kg | 340 U | 360 U | 360 U | | 11 UJ |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 840 U | 890 U | 890 U | | 28 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 118-74-1 | Hexachlorobenzene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 87-86-5 | Pentachlorophenol | ug/kg | 670 U | 710 U | 710 U | | 11 U |
| 85-01-8 | Phenanthrene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 120-12-7 | Anthracene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 86-74-8 | Carbazole | ug/kg | 340 UJ | 360 U | 360 U | | R |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 206-44-0 | Fluoranthene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 129-00-0 | Pyrene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 340 U | 360 U | 360 U | | 11 UJ |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 218-01-9 | Chrysene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 340 U | 360 U | 360 U | | 11 U |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | 97.7 | 91 | 93 | | |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | SAMPLE ID: | EQUBLANK3 | TRIPBLK618 | TRIPBLANK | TRIPBLANK | TRIPBLANK |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | | | | | |
| | | LAB ID: | JQ0046 | JP9810 | JQ0005 | JQ0015 | JQ0047 |
| | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | MATRIX: | WATER | WATER | WATER | WATER | WATER |
| | | SAMPLED: | 6/26/96 | 6/18/96 | 6/25/96 | 6/25/96 | 6/26/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | | UNITS: | ug/L | ug/L | ug/L | ug/L | ug/L |
| | VOLATILES | | | | | | |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 75-35-4 | 1,1-Dichloroethylene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 156-59-2 | 1,2-cis-Dichloroethylene | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 0.2 U | 0.2 UJ | 0.2 UJ | 0.2 UJ | 0.2 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 142-28-9 | 1,3-Dichloropropane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 71-43-2 | Benzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 108-86-1 | Bromobenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 74-97-5 | Bromochloromethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 75-25-2 | Bromoform | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 74-83-9 | Bromomethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 56-23-5 | Carbon tetrachloride | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 108-90-7 | Chlorobenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 124-48-1 | Chlorodibromomethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 75-00-3 | Chloroethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 67-66-3 | Chloroform | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 74-87-3 | Chloromethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 74-95-3 | Dibromomethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 75-27-4 | Dichlorobromomethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1 UJ | 1 UJ | R | R | 1 UJ |
| 100-41-4 | Ethylbenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 106-93-4 | Ethylene dibromide | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 98-82-8 | Isopropylbenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 75-09-2 | Methylene chloride | ug/kg | 5 UJ | 5 UJ | 5 UJ | 5 UJ | 5 UJ |
| 104-51-8 | n-Butylbenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 103-65-1 | n-Propylbenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 91-20-3 | Naphthalene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 95-49-8 | o-Chlorotoluene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 106-43-4 | p-Chlorotoluene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 135-98-8 | sec-Butylbenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 100-42-5 | Styrene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 98-06-6 | tert-Butylbenzene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 127-18-4 | Tetrachloroethene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 108-88-3 | Toluene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 10061-02-6 | trans-1,3-Dichloropropylene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 79-01-6 | Trichloroethylene | ug/kg | 1 U | 1 UJ | 1 UJ | 3 J | 1 U |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 75-01-4 | Vinyl chloride | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 1330-20-7 | Xylenes | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |
| 563-58-6 | 1,1-Dichloropropene | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 594-20-7 | 2,2-Dichloropropane | ug/kg | 1 UJ | 1 UJ | 1 UJ | 1 UJ | 1 UJ |
| 99-87-6 | 4-Isopropyltoluene | ug/kg | 1 U | 1 UJ | 1 UJ | 1 UJ | 1 U |

PLATTSBURGH AFB
PLATTSBURGH, NY
VALIDATED SOIL ANALYTICAL DATA
SITE: SS-017

| CAS NO. | COMPOUND | SAMPLE ID: | EQUBLANK3 | TRIPBLK618 | TRIPBLANK | TRIPBLANK | TRIPBLANK |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | | | | | |
| | | LAB ID: | JQ0046 | JP9810 | JQ0005 | JQ0015 | JQ0047 |
| | | SOURCE: | OHM | OHM | OHM | OHM | OHM |
| | | MATRIX: | WATER | WATER | WATER | WATER | WATER |
| | | SAMPLED: | 6/26/96 | 6/18/96 | 6/25/96 | 6/25/96 | 6/26/96 |
| | | VALIDATED: | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 | 10/27/96 |
| | | UNITS: | ug/L | ug/L | ug/L | ug/L | ug/L |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/kg | 10 U | | | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 10 U | | | | |
| 95-57-8 | 2-Chlorophenol | ug/kg | 10 U | | | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 10 U | | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 10 U | | | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 10 U | | | | |
| 95-48-7 | 2-Methylphenol | ug/kg | 10 U | | | | |
| 108-60-1 | bis(2-Chloroisopropyl)ether | ug/kg | 10 U | | | | |
| 106-44-5 | 4-Methylphenol | ug/kg | 10 U | | | | |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/kg | 10 U | | | | |
| 67-72-1 | Hexachloroethane | ug/kg | 10 U | | | | |
| 98-95-3 | Nitrobenzene | ug/kg | 10 U | | | | |
| 78-59-1 | Isophorone | ug/kg | 10 U | | | | |
| 88-75-5 | 2-Nitrophenol | ug/kg | 10 U | | | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 10 U | | | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 10 U | | | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 10 U | | | | |
| 91-20-3 | Naphthalene | ug/kg | 10 U | | | | |
| 106-47-8 | 4-Chloroaniline | ug/kg | 10 U | | | | |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 10 U | | | | |
| 59-50-7 | p-Chloro-m-cresol | ug/kg | 10 U | | | | |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 10 U | | | | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 10 U | | | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 10 U | | | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 10 U | | | | |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 10 U | | | | |
| 88-74-4 | 2-Nitroaniline | ug/kg | 10 U | | | | |
| 131-11-3 | Dimethyl phthalate | ug/kg | 10 U | | | | |
| 208-96-8 | Acenaphthylene | ug/kg | 10 U | | | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 10 U | | | | |
| 99-09-2 | 3-Nitroaniline | ug/kg | 10 U | | | | |
| 83-32-9 | Acenaphthene | ug/kg | 10 U | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 52 U | | | | |
| 100-02-7 | 4-Nitrophenol | ug/kg | 52 U | | | | |
| 132-64-9 | Dibenzofuran | ug/kg | 10 U | | | | |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 10 U | | | | |
| 84-66-2 | Diethyl phthalate | ug/kg | 10 U | | | | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/kg | 10 U | | | | |
| 86-73-7 | Fluorene | ug/kg | 10 U | | | | |
| 100-01-6 | 4-Nitroaniline | ug/kg | 10 UJ | | | | |
| 534-52-1 | 4,6-Dinitro-o-cresol | ug/kg | 26 U | | | | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/kg | 10 U | | | | |
| 86-30-6 | N-Nitrosodiphenylamine | ug/kg | 10 U | | | | |
| 118-74-1 | Hexachlorobenzene | ug/kg | 10 U | | | | |
| 87-86-5 | Pentachlorophenol | ug/kg | 10 U | | | | |
| 85-01-8 | Phenanthrene | ug/kg | 10 U | | | | |
| 120-12-7 | Anthracene | ug/kg | 10 U | | | | |
| 86-74-8 | Carbazole | ug/kg | R | | | | |
| 84-74-2 | Di-n-butyl phthalate | ug/kg | 10 U | | | | |
| 206-44-0 | Fluoranthene | ug/kg | 10 U | | | | |
| 129-00-0 | Pyrene | ug/kg | 10 U | | | | |
| 85-68-7 | Butyl benzyl phthalate | ug/kg | 10 U | | | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 10 UJ | | | | |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 10 U | | | | |
| 218-01-9 | Chrysene | ug/kg | 10 U | | | | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/kg | 10 U | | | | |
| 117-84-0 | Di-n-octyl phthalate | ug/kg | 10 U | | | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 10 U | | | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 10 U | | | | |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 10 U | | | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 10 U | | | | |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/kg | 10 U | | | | |
| 191-24-2 | Benzo(ghi)perylene | ug/kg | 10 U | | | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 10 U | | | | |
| | OTHER | | | | | | |
| SOLIDS | Solids, Total | % | | | | | |

# APPENDIX B-2

DATA VALIDATION REPORTS
SPILL SITES 010 AND 017

SUPPLEMENTARY SUBSURFACE SOIL SAMPLING RESULTS

# DATA VALIDATION REPORT

Prepared for

PLATTSBURGH AIR FORCE BASE

PLATTSBURGH, NEW YORK

Prepared by

PARSONS ENGINEERING SCIENCE, INC.
290 ELWOOD DAVIS ROAD
LIVERPOOL, NEW YORK 13088

Approved by: D.A. Brown
(Parsons ES Project Manager)

David A Brown 9 April 97
(Signature) (Date)

## LIST OF ATTACHMENTS



## LIST OF TABLES

# SECTION 1

# DATA VALIDATION SUMMARY

Soil samples were collected from the Plattsburgh Air Force Base (AFB) - Sites 10 and 17 in Plattsburgh, New York from September 16, 1996 through September 23, 1996. Analytical results from these samples were validated and reviewed by Parsons Engineering Science, Inc. (Parsons ES) for usability with respect to the following requirements:

- Quality Assurance Project Plan (QAPjP),
- USEPA SW-846 analytical methods, and
- USEPA Region II Standard Operating Procedures (SOP) in "CLP Organics Data Review and Preliminary Review," SOP No. HW-6, Revision #8, January 1992, and "Evaluation of Metals Data for the CLP Based on SOW 3/90," SOP No. HW-2, Revision #11, January 1992.

The analytical laboratory for this project was Inchcape Testing Services (ITS).

## 1.1 LABORATORY DATA PACKAGES

The data packages received from ITS were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation reports which are summarized by site in Section 2.

## 1.2 SAMPLING AND CHAIN-OF-CUSTODY

Soil samples were collected, properly preserved, shipped under a chain-of-custody (COC) record, and received at ITS within one to two days of sampling. All samples were received intact and in good condition at ITS.

## 1.3 LABORATORY ANALYTICAL METHODS

Soil samples were collected from the Sites 10 and 17 and analyzed for volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs). Only one soil sample from Site 10 was analyzed for toxicity characteristic leaching procedure (TCLP) trichloroethene. Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.3. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability (PARCC) are discussed for each analytical method by site in Section 2. The laboratory data were reviewed and qualified with the following validation flags:

"U" - not detected at the value given,

"UJ" - estimated and not detected at the value given,

"J" - estimated at the value given,

"N" - presumptive evidence at the value given, and

"R" - unusable value.

The validated laboratory data were tabulated and are presented by site in Attachment A.

### 1.3.1 Volatile Organic Analysis

The soil samples collected from the Plattsburgh AFB - Sites 10 and 17 were analyzed for VOCs using the USEPA SW-846 8021 analytical method. Certain reported results for the VOC samples were qualified as estimated due to noncompliant sample surrogate recoveries, instrument calibrations, and field duplicate precision. Certain reported sample volatile results were considered unusable and qualified as "R" due to poor responses in the initial and/or continuing calibrations and surrogate recoveries. Therefore, the VOC analyses were 93.1% to 98.9% complete for the soil data presented by ITS, and PARCC requirements were met overall.

### 1.3.2 Semivolatile Organic Analysis

The soil samples collected from the Plattsburgh AFB - Sites 10 and 17 were analyzed for SVOCs using the USEPA SW-846 8270 analytical method. Certain reported results for the SVOC samples were qualified as estimated due to noncompliant instrument calibrations. Therefore, the SVOC analyses were 100% complete and usable for the soil data presented by ITS, and PARCC requirements were met overall.

# SECTION 2

# DATA VALIDATION REPORTS BY SITE

## 2.1 SITE 10

Data review has been completed for Site 10 data packages generated by ITS containing soil samples collected from Plattsburgh AFB. The specific samples, the analyses performed, and a usability summary are presented in Table 2.1-1. All of the samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data for these samples from Site 10 are presented in Attachment A.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs for organic and inorganic data review. Approximately ten percent of all samples collected from Site 10 were fully validated (USEPA Level IV). These samples are indicated in Table 2.1-1. All remaining samples were evaluated at a USEPA Level III data validation. This data validation and usability report is presented by analysis type.

### 2.1.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Matrix spike blank (MSB) recoveries
- Laboratory method blank and field/trip blank contamination
- GC instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Field duplicate precision
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries; MS/MSD precision and accuracy; blank contamination; initial and continuing calibrations; and field duplicate precision.

## TABLE 2.1-1

## SUMMARY OF SAMPLE ANALYSES AND USABILITY FOR SITE 10

## PLATTSBURGH AFB

| SAMPLE ID | MATRIX | SAMPLE DATE | VOC | SVOC | TCLP VOC | FOOTNOTES |
|---|---|---|---|---|---|---|
| 10-230S* | Soil | 9/23/96 | OK | | OK | |
| DUP-10 (10-230SDUP) | Soil | 9/23/96 | OK | | OK | |
| SS-33B | Soil | 9/16/96 | OK | OK | | |
| SS-34B | Soil | 9/16/96 | OK | OK | | |
| SS-35B | Soil | 9/16/96 | OK | OK | | |
| SS-36B | Soil | 9/16/96 | OK | OK | | |
| SS-37B | Soil | 9/16/96 | OK | OK | | |
| SS-38B* | Soil | 9/17/96 | OK | OK | | |
| DUPE-01 (SS-38BDUP) | Soil | 9/17/96 | NO | OK | | 1 |
| SS-39B | Soil | 9/17/96 | NO | OK | | 1 |
| SS-40B | Soil | 9/17/96 | NO | OK | | 1 |
| SS-41B | Soil | 9/17/96 | NO | OK | | 1 |
| SS-42B | Soil | 9/17/96 | NO | OK | | 1 |
| SS-43B | Soil | 9/17/96 | NO | OK | | 1 |
| SS-44B | Soil | 9/17/96 | NO | OK | | 1 |
| SS-45B | Soil | 9/17/96 | NO | OK | | 1 |
| SS-46B | Soil | 9/17/96 | NO | OK | | 1 |
| SS-47B | Soil | 9/17/96 | NO | OK | | 1, 2 |
| SS-48B | Soil | 9/17/96 | NO | OK | | 1 |
| RINSATE | Water | 9/17/96 | OK | OK | | |
| TRIP BLANK | Water | 9/17/96 | OK | | | |
| TOTAL SAMPLES | | | 21 | 18 | 2 | |

NOTES: * - Fully validated sample.

OK - Sample analysis considered valid and usable.

NO - Sample analysis has noncompliance(s) resulting in unusable data. See appropriate footnote.

FOOTNOTES: 1 - Poor volatile calibration responses.

2 - Poor volatile surrogate recoveries.

Surrogate Recoveries

Recoveries of sample surrogates were compliant and within QC criteria with the exception of the fluorobenzene recovery in samples SS-36B (39%), SS-47B (54%), SS-41B (121%), SS-40B (64%), SS-40BRE (62%), and SS-47BRE (12%); the 1-chloro-3-fluorobenzene recovery in samples SS-36BRE (50%), SS-47B (0%), SS-40B (62%), SS-47BRE (4%), and SS-44B (61%); and the 1-bromo-3-chloropropane recovery in samples SS-36BRE (62%), SS-47B (41%), SS-41B (134%), and SS-47BRE (12%) in which recoveries were outside the 70-120% QC limits for these surrogates. Therefore, nonchlorinated analytical results for samples SS-36B, SS-47B, SS-40B, SS-40BRE, and SS-47BRE were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" since the fluorobenzene recovery in these samples fell below QC limits. Positive nonchlorinated and chlorinated analytical results for sample SS-41B were considered estimated, possibly biased high, since the fluorobenzene and 1-bromo-3-chloropropane recoveries in this sample exceeded QC limits. The chlorinated analytical results for samples SS-36BRE, SS-40B, and SS-44B were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" since the 1-chloro-3-fluorobenzene and/or 1-bromo-3-chloropropane recoveries in these samples fell below QC limits. However, since the 1-chloro-3-fluorobenzene recovery in samples SS-47B and SS-47BRE fell below 10%, positive chlorinated analytical results were considered grossly estimated and qualified "J" and the nondetected chlorinated results were considered unusable and qualified "R" for these samples.

MS/MSD Precision and Accuracy

MS/MSD analyses were performed for soil samples 10-230S and SS-34B. All of the relative percent differences (RPD) and spike recoveries (%R) were within QC limits with the exception of the RPDs and recoveries specified in Table 2.1-2. Validation qualification was not warranted for the unspiked sample SS-34B since there were no interferences resulting from matrix effects in this unspiked sample during analysis. However, the positive n-butylbenzene result in the unspiked sample 10-230S was considered estimated and qualified "J" since matrix interferences were confirmed for this result.

Blank Contamination

The field blank (RINSATE) and one laboratory method blank (VBLKB5) associated with samples for Site 10 contained VOCs at concentrations summarized in Table 2.1-3. All associated sample results with concentrations greater than the quantitation limit and greater than the validation action concentration were acceptable and reported unqualified. However, all associated sample results with concentrations less than the validation action concentration were considered not detected and qualified "U".

## TABLE 2.1-2

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) OUTLIERS

## PLATTSBURGH AFB

| MS/MSD SAMPLE ID | COMPOUND | MS %R | MSD %R | RPD | QC LIMIT %R | QC LIMIT RPD |
|---|---|---|---|---|---|---|
| 10-230S | sec-Butylbenzene | 143 | 148 | * | 63-137 | |
| | n-Butylbenzene | 151 | 151 | * | 63-137 | |
| | Naphthalene | 56 | * | * | 63-137 | |
| SS-34B | Trichloroethylene | 138 | * | * | 77-123 | |
| | Chloromethane | 57 | * | 59 | 60-140 | 0-30 |
| | 1,1-Dichloroethane | 124 | * | * | 84-116 | |
| | Bromochloromethane | 114 | 119 | * | 60-112 | |
| | Chlorobenzene | 148 | 133 | * | 80-120 | |
| | 2-Chlorotoluene | 124 | * | * | 80-120 | |
| | 4-Chlorotoluene | 128 | 124 | * | 80-120 | |

NOTES: %R = Percent Recovery
RPD = Relative Percent Difference
* = %R/RPD within QC limit

## TABLE 2.1-3

## DETECTED VOCs IN BLANKS

## PLATTSBURGH AFB

| BLANK ID | VOC | CONCENTRATION (µg/kg) | QUANTITATION LIMIT (µg/kg) | VALIDATION ACTION CONCENTRATION [1] (µg/kg) | AFFECTED SAMPLES |
|---|---|---|---|---|---|
| RINSATE | Methylene Chloride | 0.64 µg/L | 0.5 µg/L | 6.4 µg/L | All |
| VBLKB5 | Methylene Chloride | 67 | 50 | 670 | SS-45B |
| | Dichlorodifluoromethane | 110 | 50 | 550 | |
| | Chloromethane | 73 | 50 | 365 | |
| | Trichlorofluoromethane | 68 | 50 | 340 | |
| | 1,1-Dichloroethene | 80 | 50 | 400 | |
| | Bromochloromethane | 36 | 50 | 180 | |
| | Carbon Tetrachloride | 12 | 50 | 60 | |
| | Trichloroethene | 13 | 50 | 65 | |
| | Tetrachloroethene | 7.8 | 50 | 39 | |
| | 1,3-Dichlorobenzene | 41 | 50 | 205 | |
| | 1,2,4-Trichlorobenzene | 38 | 50 | 190 | |
| | Hexachlorobutadiene | 38 | 50 | 190 | |
| | 1,2,3-Trichlorobenzene | 8.5 | 50 | 42.5 | |

NOTES: [1] - Defined as 10 times the blank concentration for common volatile laboratory contaminants (methylene chloride, acetone, and 2-butanone) and 5 times the blank concentration for all other volatile contaminants.

As a result, the presence of contaminants in these blanks may be indicative of volatile sample contamination from the laboratory and/or field practices. Sample results were qualified with a "B" by the laboratory for those cases where the associated laboratory method blank also contained the volatile target compound and, therefore, was considered a laboratory artifact.

Initial and Continuing Calibrations

All initial calibration compounds were compliant and linear with correlation coefficients greater than 0.990 with the exception of the correlation coefficient for bromodichloromethane (0.961) associated with sample SS-45B and the correlation coefficient for 1,2,4-trichlorobenzene (0.972) associated with samples SS-36BRE, SS-38BDUP, SS-39B, SS-40B, SS-40BRE, SS-41B, SS-42B, SS-43B, SS-44B, SS-46B, SS-47B, SS-47BRE, and SS-48B. Therefore, the positive results for these compounds in the affected samples were considered estimated and qualified 'J" and the nondetected results were considered unusable and qualified "R".

All continuing calibration compounds were compliant with a maximum percent difference (%D) of ±25% with the exception of those compounds summarized in Table 2.1-4. The sample results for those noncompliant compounds where %D was less than 90% were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" in the affected samples. However, the nondetected sample results for those noncompliant compounds where the %D was greater than 90% were considered unusable and qualified "R".

Field Duplicate Precision

Samples 10-230SDUP and SS-38BDUP were collected as the field duplicate samples of 10-230S and SS-38B, respectively. The duplicate samples were submitted to the laboratory as DUP-10 and DUPE-01, respectively (i.e., blind field duplicate) to eliminate the potential of possible sample bias during analysis. All reported results for these duplicate pairs were acceptable with the exception of the following:

- ethylbenzene for 10-230S (360 µg/kg) and 10-230SDUP (nondetect);
- o-xylene for 10-230S (560 µg/kg) and 10-230SDUP (nondetect);
- tert-butylbenzene for 10-230S (1400 µg/kg) and 10-230SDUP (nondetect);
- styrene for 10-230S (nondetect) and 10-230SDUP (840 µg/kg); and
- trichloroethylene for SS-38B (nondetect) and SS-38BDUP (14 µg/kg).

Therefore, these results in the affected samples and duplicates were considered estimated with positive results qualified 'J" and nondetected results qualified 'UJ'. The difference in concentrations of these compounds between these samples and duplicates may be due to sampling and/or matrix interferences.

## TABLE 2.1-4

## VOLATILE CONTINUING CALIBRATION OUTLIERS

## PLATTSBURGH AFB

| CONTINUING CALIBRATION DATE - TIME | COMPOUND | %D [1] | AFFECTED SAMPLES |
|---|---|---|---|
| 9/24/96 - 13:58 | n-Propylbenzene | 30 | SS-39B, SS-40B, |
| | 1,2,4-Trimethylbenzene | 30 | SS-40BRE, SS-41B, |
| | p-Isopropyltoluene | 30 | SS-42B, SS-44B, |
| | n-Butylbenzene | 35 | SS-46B, SS-47BRE |
| | Naphthalene | 35 | |
| | Dichlorodifluoromethane | 35 | |
| | 1,2-cis-Dichloroethylene | 30 | |
| | 2,2-Dichloropropane | 40 | |
| | 1,1-Dichloropropene | 35 | |
| | Vinyl Chloride | 30 | |
| | Trichlorofluoromethane | 30 | |
| | trans-1,2-Dichloroethene | 30 | |
| | 1,1-Dichloroethane | 30 | |
| | Chloroform | 30 | |
| | 1,1,1-Trichloroethane | 30 | |
| | Trichloroethene | 35 | |
| | 1,2-Dichloropropane | 30 | |
| | Bromodichloromethane | 30 | |
| | cis-1,3-Dichloropropene | 30 | |
| | trans-1,3-Dichloropropene | 40 | |
| | 1,1,2-Trichloroethane | 30 | |
| | 1,3-Dichloropropane | 35 | |
| | Tetrachloroethene | 35 | |
| | Dibromochloromethane | 30 | |
| | 1,2-Dibromoethane | 35 | |
| | Chlorobenzene | 50 | |

## TABLE 2.1-4
## (CONTINUED)

## VOLATILE CONTINUING CALIBRATION OUTLIERS

## PLATTSBURGH AFB

| CONTINUING CALIBRATION DATE - TIME | COMPOUND | %D [1] | AFFECTED SAMPLES |
|---|---|---|---|
| 9/24/96 - 13:58 | 1,1,1,2-Tetrachloroethane | 30 | SS-39B, SS-40B, |
| | Bromoform | 30 | SS-40BRE, SS-41B, |
| | 1,1,2,2-Tetrachloroethane | 30 | SS-42B, SS-44B, |
| | 1,2,3-Trichloropropane | 30 | SS-46B, SS-47BRE |
| | Bromobenzene | 45 | |
| | 1,3-Dichlorobenzene | 60 | |
| | 1,4-Dichlorobenzene | 70 | |
| | 1,2-Dichlorobenzene | 55 | |
| | 2-Chlorotoluene | 45 | |
| | 4-Chlorotoluene | 50 | |
| | 1,2-Dibromo-3-chloropropane | 35 | |
| | 1,2,4-Trichlorobenzene | 95 | |
| | Hexachlorobutadiene | 50 | |
| | 1,2,3-Trichlorobenzene | 65 | |

NOTES: [1] - Percent Difference.

Usability

All volatile sample results were considered usable following data validation with the exception of the nondetected chlorinated results in samples SS-47B and SS-47BRE due to poor surrogate recoveries; and the nondetected bromodichloromethane result for sample SS-45B and the nondetected 1,2,4-trichlorobenzene results for samples SS-36BRE, SS-38BDUP, SS-39B, SS-40B, SS-40BRE, SS-41B, SS-42B, SS-43B, SS-44B, SS-46B, SS-47B, SS-47BRE, and SS-48B due to noncompliant calibrations.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile data presented by ITS were 93.1% complete. The validated volatile laboratory data are tabulated and presented in Attachment A. This table presents the most representative volatile data for a sample location resulting from validation.

For example, samples SS-36B, SS-40B, and SS-47B were reanalyzed (SS-36BRE, SS-40BRE, and SS-47BRE, respectively) since the original analysis of these samples yielded noncompliant surrogate recoveries. Since the reanalysis of these samples produced similar surrogate recoveries confirming the presence of matrix interferences, results from the original analyses of these samples were reported in the validated laboratory data table in Attachment A.

It was noted that n-butylbenzene in sample SS-44B exceeded instrument calibration ranges. This sample was not reanalyzed. Therefore, the n-butylbenzene result for this sample was considered estimated and qualified "J".

### 2.1.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank and field blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of continuing calibrations.

Continuing Calibrations

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %D of ±25% with exception of carbazole (29.9%) which was outside the ±25% QC limit associated with samples SS-45B and SS-47B. Therefore, carbazole for these samples were considered estimated with positive results qualified "J" and nondetected results qualified "UJ".

Usability

All semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The semivolatile data presented by ITS were 100% complete and all data were considered usable and valid. The validated semivolatile laboratory data are tabulated and presented in Attachment A. This table presents the most representative semivolatile data for a sample location resulting from validation.

For example, sample SS-46B was diluted and reanalyzed (SS-46BDL) since the original analysis of this sample yielded phenanthrene, fluoranthene, pyrene, and benzo(b)fluoranthene above the highest calibration standard. The validated results from the diluted sample where instrument calibration ranges were exceeded in the original analysis were considered compliant, representative of the sample, and reported for the sample in the validated laboratory data table presented in Attachment A with a "D" qualifier. Since benzo(k)fluoranthene is an indistinguishable isomer with benzo(a)fluoranthene and was not considered present during the original analysis of SS-46B because of coelution of the two compounds, the diluted benzo(k)fluoranthene result was considered representative of the sample and reported for the sample in the validated laboratory data table. Therefore, the original benzo(a)fluoranthene and benzo(k)fluoranthene results were considered presumptive and suspect "N".

### 2.1.3 TCLP Volatiles

The following items were reviewed for compliancy in the TCLP volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries

- Laboratory method blank contamination
- GC instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Field duplicate precision
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy.

MS/MSD Precision and Accuracy

MS analysis only was performed for soil sample 10-230S. The spiked analysis was noncompliant for the recovery of trichloroethene (75%; QC limit 77-123%). However, validation qualification for the unspiked sample 10-230S was not warranted since matrix interferences were not evident with compliant surrogate recoveries.

Usability

All TCLP volatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The TCLP volatile data presented by ITS were 100% complete and all data were considered usable and valid. The validated TCLP volatile laboratory data are tabulated and presented in Attachment A.

## 2.2 SITE 17

Data review has been completed for Site 17 data packages generated by ITS containing soil samples collected from Plattsburgh AFB. The specific samples, the analyses performed, and a usability summary are presented in Table 2.2-1. All of the samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data for these samples from Site 17 are presented in Attachment A.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs for organic and inorganic data review. Approximately ten percent of all samples collected from Site 17 were fully validated (USEPA Level IV). These samples are indicated in Table 2.2-1. All remaining samples were evaluated at a USEPA Level III data validation. This data validation and usability report is presented by analysis type.

## TABLE 2.2-1

## SUMMARY OF SAMPLE ANALYSES AND USABILITY FOR SITE 17

## PLATTSBURGH AFB

| SAMPLE ID | MATRIX | SAMPLE DATE | VOC | SVOC | FOOTNOTES |
|---|---|---|---|---|---|
| SS-75B | Soil | 9/17/96 | OK | OK | |
| SS-76B | Soil | 9/17/96 | NO | | 1 |
| SS-77B | Soil | 9/17/96 | OK | | |
| SS-78B | Soil | 9/17/96 | NO | | 1 |
| SS-79B | Soil | 9/18/96 | OK | OK | |
| SS-80B | Soil | 9/18/96 | NO | OK | 1 |
| SS-81B | Soil | 9/18/96 | NO | OK | 1 |
| SS-82B | Soil | 9/18/96 | OK | OK | |
| SS-83B* | Soil | 9/18/96 | OK | OK | |
| DUPE-02 (SS-83BDUP) | Soil | 9/18/96 | OK | OK | |
| SS-84B | Soil | 9/18/96 | OK | OK | |
| SS-85B | Soil | 9/18/96 | OK | OK | |
| SS-86B | Soil | 9/18/96 | NO | OK | 1 |
| SS-87B | Soil | 9/18/96 | NO | OK | 1 |
| SS-88B | Soil | 9/18/96 | OK | OK | |
| SS-89B | Soil | 9/18/96 | OK | OK | |
| SS-90B | Soil | 9/18/96 | OK | OK | |
| TRIP BLANK | Water | 9/18/96 | NO | | 1 |
| RINSATE-02 | Water | 9/18/96 | NO | OK | 1 |
| TOTAL SAMPLES: | | | 19 | 15 | |

NOTES: * - Fully validated sample.
OK - Sample analysis considered valid and usable.
NO - Sample analysis has noncompliance(s) resulting in unusable data. See appropriate footnote.

FOOTNOTES: 1 - Poor volatile calibration responses.

### 2.2.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Matrix spike blank (MSB) recoveries
- Laboratory method blank and field/trip blank contamination
- GC instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Field duplicate precision
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries; MS/MSD precision and accuracy; and initial and continuing calibrations.

Surrogate Recoveries

Recoveries of sample surrogates were compliant and within QC criteria with the exception of the fluorobenzene recovery in samples SS-77B (123%) and SS-86B (64%); the 1-chloro-3-fluorobenzene recovery in sample SS-86B (57%); and the 1-bromo-3-chloropropane recovery in samples SS-86B (67%) and SS-86BRE (59%) which were outside the 70-120% QC limits. Therefore, all volatile sample results for SS-86B were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" since all sample surrogates fell below QC limits. Positive nonchlorinated analytical results for sample SS-77B were considered estimated, possibly biased high, and qualified "J" since the fluorobenzene surrogate exceeded QC limits in this sample. The chlorinated analytical results for sample SS-86BRE were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" since the 1-bromo-3-chloropropane surrogate fell below QC limits in this sample.

MS/MSD Precision and Accuracy

MS/MSD analyses were performed for soil sample SS-81B. All of the relative percent differences (RPD) and spike recoveries (%R) were within QC limits with the exception of the RPDs and recoveries specified in Table 2.2-2. Validation qualification was not warranted due to these noncompliances.

## TABLE 2.2-2

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) OUTLIERS

## PLATTSBURGH AFB

| MS/MSD SAMPLE ID | COMPOUND | MS %R | MSD %R | RPD | QC LIMIT %R | QC LIMIT RPD |
|---|---|---|---|---|---|---|
| SS-81B | Dichlorofluoromethane | * | 21 | 124 | 60-140 | 0-30 |
| | Bromomethane | 57 | 48 | * | 58-142 | |
| | 1,4-Dichlorobenzene | * | 133 | * | 70-130 | |
| | 4-Chlorotoluene | 124 | * | * | 80-120 | |
| | Chlorobenzene | 138 | 133 | * | 80-120 | |
| | 1,2,4-Trichlorobenzene | 148 | 143 | * | 71-129 | |

NOTES: %R = Percent Recovery
RPD = Relative Percent Difference
* = %R/RPD within QC limit

Initial and Continuing Calibrations

All initial calibration compounds were compliant and linear with correlation coeffficients greater than 0.990 with the exception of the correlation coefficients for dichlorodifluoromethane (0.989) and bromodichloromethane (0.961) associated with samples TRIP BLANK, RINSATE-02, SS-76B, SS-78B, and SS-87B and the correlation coefficient for 1,2,4-trichlorobenzene (0.972) associated with samples SS-80B, SS-81B, and SS-86B. Therefore, the positive results for these compounds in the affected samples were considered estimated and qualified "J" and the nondetected results were considered unusable and qualified "R".

All continuing calibration compounds were compliant with a maximum percent difference (%D) of ±25% with the exception of those compounds summarized in Table 2.2-3. The sample results for those noncompliant compounds where %D was less than 90%, were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" in the affected samples. However, the nondetected sample results for those noncompliant compounds where the %D was greater than 90% were considered unusable and qualified "R".

Usability

All volatile sample results were considered usable following data validation with the exception of the nondetected dichlorodifluoromethane and bromodichloromethane results for samples TRIP BLANK, RINSATE-02, SS-76B, SS-78B, and SS-87B; and the nondetected 1,2,4-trichlorobenzene results for samples SS-80B, SS-81B, and SS-86B due to poor calibration responses for these compounds.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile data presented by ITS were 98.9% complete. The validated volatile laboratory data are tabulated and presented in Attachment A. This table presents the most representative volatile data for a sample location resulting from validation.

For example, sample SS-86B was reanalyzed (SS-86BRE) since the original analysis of this sample yielded noncompliant surrogate recoveries. Since the reanalysis of this sample experienced improved surrogate recoveries, results from the reanalysis were reported for sample SS-86B in the validated laboratory data table presented in Attachment A.

### 2.2.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times

## TABLE 2.2-3

## VOLATILE CONTINUING CALIBRATION OUTLIERS

## PLATTSBURGH AFB

| CONTINUING CALIBRATION DATE - TIME | COMPOUND | %D [1] | AFFECTED SAMPLES |
|---|---|---|---|
| 9/27/96 - 11:17 | Methyl-tert-butylether | 30 | SS-86B |
| 9/26/96 - 09:53 | Chloromethane | 35 | SS-80B, SS-81B |
| | Bromomethane | 45 | |
| | Chlorobenzene | 35 | |
| | 1,3-Dichlorobenzene | 30 | |
| | 1,2-Dichlorobenzene | 30 | |
| | 1,2,4-Trichlorobenzene | 60 | |
| | 1,2,3-Trichlorobenzene | 50 | |
| 9/27/96 - 11:17 | Bromomethane | 53 | SS-86B |
| | 1,4-Dichlorobenzene | 35 | |
| | 1,2,4-Trichlorobenzene | 50 | |
| | 1,2,3-Trichlorobenzene | 35 | |
| 9/29/96 - 15:07 | 1,3-Dichlorobenzene | 35 | SS-89B, SS-90B |
| | 1,4-Dichlorobenzene | 40 | |
| | 1,2-Dichlorobenzene | 30 | |
| | 1,2,4-Trichlorobenzene | 65 | |
| | 1,2,3-Trichlorobenzene | 50 | |

NOTES: [1] - Percent Difference.

- Surrogate recoveries
- MS/MSD precision and accuracy
- MSB recoveries
- Laboratory method blank and field blank contamination
- GC/MS instrument performance
- Sample result verification and identification
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy; sample result identification; and continuing calibrations.

MS/MSD Precision and Accuracy

MS/MSD analyses were performed for soil sample SS-81B. All of the relative percent differences (RPD) and spike recoveries (%R) were within QC limits with the exception of the MS recovery for 2,4-dinitrotoluene (91%; QC limit 28-89%). Validation qualification was not warranted for the unspiked sample SS-81B due to this noncompliance.

Sample Result Identification

All positive sample results were verified and properly identified by the laboratory with the exception of the benzo(b)fluoranthene and benzo(k)fluoranthene results for sample SS-89B. These compounds were quantitated and identified by the laboratory with identical retention times. Although these compounds are indistinguishable isomers, their retention times are unique. Therefore, the benzo(k)fluoranthene and benzo(b)fluoranthene results for SS-89B were considered presumptive and qualified "JN".

Continuing Calibrations

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %D of ±25% with exception of carbazole (29.9%) which was outside the ±25% QC limit associated with samples SS-86B, SS-87B, SS-88B, SS-89B, and SS-90B. The sample results for carbazole were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" in the affected samples.

Usability

All semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The semivolatile data presented by ITS were 100% complete with all data considered usable and valid. The validated semivolatile laboratory data are tabulated and presented in Attachment A.

# ATTACHMENT A

# VALIDATED LABORATORY DATA

# ATTACHMENT A-1

# VALIDATED LABORATORY DATA FOR SITE 10

| OHM/PARSONS ES<br>PLATTSBURGH AFB<br>VALIDATED SITE 10 SOIL DATA<br>SDG: 61474 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>SDG:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | 10-230S<br>1-1.5<br>313832<br>INCHCAPE<br>61474<br>SOIL<br>9/23/96<br>12/23/96 | 10-230SDUP<br>1-1.5<br>313834<br>INCHCAPE<br>61474<br>SOIL<br>9/23/96<br>12/23/96 |
|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | |
| | VOLATILES | | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/Kg | 260 U | 280 U |
| 71-43-2 | Benzene | ug/Kg | 260 U | 280 U |
| 108-88-3 | Toluene | ug/Kg | 260 U | 280 U |
| 100-41-4 | Ethylbenzene | ug/Kg | 360 J | 280 UJ |
| PARESSYR | m/p-Xylene | ug/Kg | 2100 | 1900 |
| 95-47-6 | o-Xylene | ug/Kg | 560 J | 280 UJ |
| 100-42-5 | Styrene | ug/Kg | 260 UJ | 840 J |
| 98-82-8 | Isopropylbenzene | ug/Kg | 260 U | 280 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | 260 U | 280 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 10000 | 10000 |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 1400 J | 280 UJ |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 260 U | 280 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 260 U | 280 U |
| 99-87-6 | p-Isopropyltoluene | ug/Kg | 7500 | 8000 |
| 104-51-8 | n-Butylbenzene | ug/Kg | 2400 J | 2600 |
| 91-20-3 | Naphthalene | ug/Kg | 7800 | 8200 |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 260 U | 260 U |
| 74-87-3 | Chloromethane | ug/Kg | 260 U | 260 U |
| 75-01-4 | Vinyl chloride | ug/Kg | 260 U | 260 U |
| 74-83-9 | Bromomethane | ug/Kg | 260 U | 260 U |
| 75-00-3 | Chloroethane | ug/Kg | 260 U | 260 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 260 U | 260 U |
| 76-13-1 | Freon-113 | ug/Kg | 260 U | 260 U |
| 75-35-4 | 1,1-Dichloroethene | ug/Kg | 260 U | 260 U |
| 75-09-2 | Methylene chloride | ug/Kg | 260 U | 260 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 260 U | 260 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 260 U | 260 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 260 U | 260 U |
| 156-59-4 | cis-1,2-dichloroethene | ug/Kg | 260 U | 260 U |
| 67-66-3 | Chloroform | ug/Kg | 260 U | 260 U |
| 74-97-5 | Bromochloromethane | ug/Kg | 260 U | 260 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 260 U | 260 U |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 260 U | 260 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 260 U | 260 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 260 U | 260 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 260 U | 260 U |
| 75-27-4 | Bromodichloromethane | ug/Kg | 260 U | 260 U |
| 74-95-3 | Dibromomethane | ug/Kg | 260 U | 260 U |
| 10061-01-5 | cis-1,3-Dichloropropylene | ug/Kg | 260 U | 260 U |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/Kg | 260 U | 260 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 260 U | 260 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 260 U | 260 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | 260 U | 260 U |
| 124-48-1 | Dibromochloromethane | ug/Kg | 260 U | 260 U |
| 106-93-4 | 1,2-Dibromoethane | ug/Kg | 260 U | 260 U |
| 108-90-7 | Chlorobenzene | ug/Kg | 260 U | 260 U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 260 U | 260 U |
| 75-25-2 | Bromoform | ug/Kg | 260 U | 260 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 260 U | 260 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 260 U | 260 U |
| 108-86-1 | Bromobenzene | ug/Kg | 260 U | 260 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 260 U | 260 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 260 U | 260 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 260 U | 260 U |
| 95-49-8 | 2-Chlorotoluene | ug/Kg | 260 U | 260 U |
| 106-43-4 | 4-Chlorotoluene | ug/Kg | 260 U | 260 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 260 U | 260 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 260 U | 260 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 260 U | 260 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 260 U | 260 U |
| | TCLP VOLATILES | | | |
| 79-01-6 | Trichloroethene | mg\L | 0.1 U | 0.1 U |

OHM/PARSONS AFB
PLATTSBURGH AFB
VALIDATED SITE 10 SOIL ANALYTICAL DATA
SDG: 61336

| CAS NO. | COMPOUND | SAMPLE ID: | SS-33B | SS-34B | SS-35B | SS-36B | SS-37B |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 1-2 | 1-3 | 2-4 | 2-4 | 2-4 |
| | | LAB ID: | 313243 | 313244 | 313245 | 313246 | 313247 |
| | | SOURCE: | INCHCAPE | INCHCAPE | INCHCAPE | INCHCAPE | INCHCAPE |
| | | SDG: | 61336 | 61336 | 61336 | 61336 | 61336 |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 9/16/96 | 9/16/96 | 9/16/96 | 9/16/96 | 9/16/96 |
| | | VALIDATED: | 12/28/96 | 12/28/96 | 12/28/96 | 12/28/96 | 12/28/96 |
| | VOLATILES | UNITS: | | | | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 71-43-2 | Benzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 108-88-3 | Toluene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 100-41-4 | Ethylbenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| m/p-Xylene | m/p-Xylene | ug/Kg | 1.1 U | 1.1 U | 1 U | 1.2 UJ | 1.1 U |
| 95-47-6 | o-Xylene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 100-42-5 | Styrene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 99-87-6 | p-Isopropyltoluene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 104-51-8 | n-Butylbenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 91-20-3 | Naphthalene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 UJ | 0.56 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 74-87-3 | Chloromethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 75-01-4 | Vinyl chloride | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 74-83-9 | Bromomethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 75-00-3 | Chloroethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 76-13-1 | Freon-113 | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 95-35-4 | 1,1-Dichloroethene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 75-09-2 | Methylene Chloride | ug/Kg | 4 U | 1.9 U | 1.2 U | 8 | 0.56 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 156-59-2 | cis-1,2-dichloroethene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 67-66-3 | Chloroform | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 74-97-5 | Bromochloromethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 79-01-6 | Trichloroethene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 75-27-4 | Bromodichloromethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 74-95-3 | Dibromomethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 124-48-1 | Dibromochloromethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 106-93-4 | 1,2-Dibromoethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 108-90-7 | Chlorobenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 75-25-2 | Bromoform | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 108-86-1 | Bromobenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 95-49-8 | 2-Chlorotoluene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 106-43-4 | 4-Chlorotoluene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 0.55 U | 0.53 U | 0.53 U | 0.59 U | 0.56 U |

| OHM/PARSONS AFB<br>PLATTSBURGH AFB<br>VALIDATED SITE 10 SOIL ANALYTICAL DATA<br>SDG: 61336 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>SDG:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | SS-33B<br>1-2<br>313243<br>INCHCAPE<br>61336<br>SOIL<br>9/16/96<br>12/28/96 | SS-34B<br>1-3<br>313244<br>INCHCAPE<br>61336<br>SOIL<br>9/16/96<br>12/28/96 | SS-35B<br>2-4<br>313245<br>INCHCAPE<br>61336<br>SOIL<br>9/16/96<br>12/28/96 | SS-36B<br>2-4<br>313246<br>INCHCAPE<br>61336<br>SOIL<br>9/16/96<br>12/28/96 | SS-37B<br>2-4<br>313247<br>INCHCAPE<br>61336<br>SOIL<br>9/16/96<br>12/28/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 95-48-7 | 2-Methylphenol | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 108-60-1 | 2,2'-oxybis(1-chloropropane) | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 106-44-5 | 4-Methylphenol | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 67-72-1 | Hexachloroethane | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 98-95-3 | Nitrobenzene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 78-59-1 | Isophorone | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 91-20-3 | Naphthalene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 59-50-7 | 4-Chloro-3-Methylphenol | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 1800 U | 1700 U | 1700 U | 1900 U | 1800 U |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 1800 U | 1700 U | 1700 U | 1900 U | 1800 U |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 208-96-8 | Acenaphthylene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 1800 U | 1700 U | 1700 U | 1900 U | 1800 U |
| 83-32-9 | Acenaphthene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1800 U | 1700 U | 1700 U | 1900 U | 1800 U |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1800 U | 1700 U | 1700 U | 1900 U | 1800 U |
| 132-64-9 | Dibenzofuran | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 84-66-2 | Diethyl phthalate | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 86-73-7 | Fluorene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 1800 U | 1700 U | 1700 U | 1900 U | 1800 U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/Kg | 1800 U | 1700 U | 1700 U | 1900 U | 1800 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 87-86-5 | Pentachlorophenol | ug/Kg | 1800 U | 1700 U | 1700 U | 1900 U | 1800 U |
| 85-01-8 | Phenanthrene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 120-12-7 | Anthracene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 86-74-8 | Carbazole | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 206-44-0 | Fluoranthene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 129-00-0 | Pyrene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 218-01-9 | Chrysene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 720 U | 700 U | 690 U | 770 U | 730 U |

| OHM/PARSONS AFB D.O. 003<br>PLATTSBURGH AFB<br>VALIDATED SITE 10 SOIL ANALYTICAL DATA<br>SDG: 61336 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>SDG:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | SS-38B<br>2-4<br>313248<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 | SS-38BDUP<br>2-4<br>313249<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 | SS-39B<br>2-3.5<br>313250<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 | SS-40B<br>2-3.5<br>313251<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 | SS-41B<br>2-4<br>313252<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 71-43-2 | Benzene | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 108-88-3 | Toluene | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 100-41-4 | Ethylbenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| m/p-Xylene | m/p-Xylene | ug/Kg | 1.1 U | 1.1 U | 1.3 U | 1.1 UJ | 1.2 U |
| 95-47-6 | o-Xylene | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 100-42-5 | Styrene | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 99-87-6 | p-Isopropyltoluene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 104-51-8 | n-Butylbenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 91-20-3 | Naphthalene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 74-87-3 | Chloromethane | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 75-01-4 | Vinyl chloride | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 74-83-9 | Bromomethane | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 75-00-3 | Chloroethane | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 76-13-1 | Freon-113 | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 95-35-4 | 1,1-Dichloroethene | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 75-09-2 | Methylene Chloride | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 156-59-2 | cis-1,2-dichloroethene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 67-66-3 | Chloroform | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 74-97-5 | Bromochloromethane | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 79-01-6 | Trichloroethene | ug/Kg | 0.57 UJ | 14 J | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 75-27-4 | Bromodichloromethane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 74-95-3 | Dibromomethane | ug/Kg | 0.57 U | 0.57 U | 0.66 U | 0.57 UJ | 0.59 U |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 127-18-4 | Tetrachloroethene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 124-48-1 | Dibromochloromethane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 106-93-4 | 1,2-Dibromoethane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 108-90-7 | Chlorobenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 75-25-2 | Bromoform | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 108-86-1 | Bromobenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 95-49-8 | 2-Chlorotoluene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 106-43-4 | 4-Chlorotoluene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 0.57 U | R | R | R | R |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 0.57 U | 0.57 U | 0.66 UJ | 0.57 UJ | 0.59 UJ |

| OHM/PARSONS AFB<br>PLATTSBURGH AFB<br>VALIDATED SITE 10 SOIL ANALYTICAL DATA<br>SDG: 61336 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>SDG:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | SS-38B<br>2-4<br>313248<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 | SS-38BDUP<br>2-4<br>313249<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 | SS-39B<br>2-3.5<br>313250<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 | SS-40B<br>2-3.5<br>313251<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 | SS-41B<br>2-4<br>313252<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 95-48-7 | 2-Methylphenol | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 108-60-1 | 2,2'-oxybis(1-chloropropane) | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 106-44-5 | 4-Methylphenol | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 67-72-1 | Hexachloroethane | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 98-95-3 | Nitrobenzene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 78-59-1 | Isophorone | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 91-20-3 | Naphthalene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 59-50-7 | 4-Chloro-3-Methylphenol | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 1800 U | 1800 U | 2100 U | 1800 U | 1900 U |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 1800 U | 1800 U | 2100 U | 1800 U | 1900 U |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 208-96-8 | Acenaphthylene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 1800 U | 1800 U | 2100 U | 1800 U | 1900 U |
| 83-32-9 | Acenaphthene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1800 U | 1800 U | 2100 U | 1800 U | 1900 U |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1800 U | 1800 U | 2100 U | 1800 U | 1900 U |
| 132-64-9 | Dibenzofuran | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 84-66-2 | Diethyl phthalate | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 86-73-7 | Fluorene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 1800 U | 1800 U | 2100 U | 1800 U | 1900 U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/Kg | 1800 U | 1800 U | 2100 U | 1800 U | 1900 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 87-86-5 | Pentachlorophenol | ug/Kg | 1800 U | 1800 U | 2100 U | 1800 U | 1900 U |
| 85-01-8 | Phenanthrene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 120-12-7 | Anthracene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 86-74-8 | Carbazole | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 206-44-0 | Fluoranthene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 129-00-0 | Pyrene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 218-01-9 | Chrysene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 750 U | 750 U | 870 U | 750 U | 770 U |

OHM/PARSONS AFB D.O. 003
PLATTSBURGH AFB
VALIDATED SITE 10 SOIL ANALYTICAL DATA
SDG: 61336

| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: SS-42B<br>DEPTH: 2-4<br>LAB ID: 313253<br>SOURCE: INCHCAPE<br>SDG: 61336<br>MATRIX: SOIL<br>SAMPLED: 9/17/96<br>VALIDATED: 12/28/96 | SS-43B<br>3-4<br>313254<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 | SS-44B<br>1-2<br>313255<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 | SS-45B<br>2-4<br>313256<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 | SS-46B<br>1.5-2.5<br>313257<br>INCHCAPE<br>61336<br>SOIL<br>9/17/96<br>12/28/96 |
|---|---|---|---|---|---|---|---|
| | VOLATILES | | | | | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/Kg | 0.56 U | 0.58 U | 0.54 U | 58 U | 0.53 U |
| 71-43-2 | Benzene | ug/Kg | 0.56 U | 0.58 U | 0.54 U | 58 U | 0.53 U |
| 108-88-3 | Toluene | ug/Kg | 1 | 0.58 U | 0.54 U | 120 | 0.53 U |
| 100-41-4 | Ethylbenzene | ug/Kg | 0.56 U | 0.58 U | 0.54 U | 410 | 0.53 U |
| m/p-Xylene | m/p-Xylene | ug/Kg | 1.1 U | 1.2 U | 1.1 U | 790 | 1 U |
| 95-47-6 | o-Xylene | ug/Kg | 0.56 U | 0.58 U | 0.54 U | 58 U | 0.53 U |
| 100-42-5 | Styrene | ug/Kg | 0.56 U | 0.58 U | 0.54 U | 58 U | 0.53 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | 1.4 | 0.58 U | 0.54 U | 960 | 0.53 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 0.56 U | 0.58 U | 3.9 | 290 | 0.53 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 0.56 U | 0.58 U | 0.54 U | 160 | 0.53 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 1400 | 0.53 UJ |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 0.56 U | 0.58 U | 2.1 | 58 U | 0.53 U |
| 99-87-6 | p-Isopropyltoluene | ug/Kg | 2.1 J | 0.58 U | 12 J | 620 | 0.53 UJ |
| 104-51-8 | n-Butylbenzene | ug/Kg | 0.56 UJ | 0.58 U | 51 J | 610 | 0.53 UJ |
| 91-20-3 | Naphthalene | ug/Kg | 0.56 UJ | 0.58 U | 16 J | 590 | 0.53 UJ |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 74-87-3 | Chloromethane | ug/Kg | 0.56 U | 0.58 U | 0.54 UJ | 58 U | 0.53 U |
| 75-01-4 | Vinyl chloride | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 74-83-9 | Bromomethane | ug/Kg | 0.56 U | 0.58 U | 0.54 UJ | 58 U | 0.53 U |
| 75-00-3 | Chloroethane | ug/Kg | 0.56 U | 0.58 U | 0.54 UJ | 58 U | 0.53 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 76-13-1 | Freon-113 | ug/Kg | 0.56 U | 0.58 U | 0.54 UJ | 58 U | 0.53 U |
| 95-35-4 | 1,1-Dichloroethene | ug/Kg | 0.56 U | 0.58 U | 0.54 UJ | 58 U | 0.53 U |
| 75-09-2 | Methylene Chloride | ug/Kg | 0.56 U | 0.58 U | 0.54 UJ | 58 U | 0.53 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 156-59-2 | cis-1,2-dichloroethene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 67-66-3 | Chloroform | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 74-97-5 | Bromochloromethane | ug/Kg | 0.56 U | 0.58 U | 0.54 UJ | 58 U | 0.53 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 0.56 U | 0.58 U | 0.54 UJ | 58 U | 0.53 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 0.56 U | 0.58 U | 0.54 UJ | 58 U | 0.53 U |
| 79-01-6 | Trichloroethene | ug/Kg | 0.56 UJ | 14 | 0.54 UJ | 58 U | 0.53 UJ |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 75-27-4 | Bromodichloromethane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | R | 0.53 UJ |
| 74-95-3 | Dibromomethane | ug/Kg | 0.56 U | 0.58 U | 0.54 UJ | 58 U | 0.53 U |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 127-18-4 | Tetrachloroethene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 124-48-1 | Dibromochloromethane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 106-93-4 | 1,2-Dibromoethane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 108-90-7 | Chlorobenzene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 75-25-2 | Bromoform | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 108-86-1 | Bromobenzene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 95-49-8 | 2-Chlorotoluene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 106-43-4 | 4-Chlorotoluene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | R | R | R | 58 U | R |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 0.56 UJ | 0.58 U | 0.54 UJ | 58 U | 0.53 UJ |

OHM/PARSONS AFB
PLATTSBURGH AFB
VALIDATED SITE 10 SOIL ANALYTICAL DATA
SDG: 61336

| CAS NO. | COMPOUND | SAMPLE ID: | SS-42B | SS-43B | SS-44B | SS-45B | SS-46B |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 2-4 | 3-4 | 1-2 | 2-4 | 1.5-2.5 |
| | | LAB ID: | 313253 | 313254 | 313255 | 313256 | 313257 |
| | | SOURCE: | INCHCAPE | INCHCAPE | INCHCAPE | INCHCAPE | INCHCAPE |
| | | SDG: | 61336 | 61336 | 61336 | 61336 | 61336 |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 9/17/96 | 9/17/96 | 9/17/96 | 9/17/96 | 9/17/96 |
| | | VALIDATED: | 12/28/96 | 12/28/96 | 12/28/96 | 12/28/96 | 12/28/96 |
| | SEMIVOLATILES | UNITS: | | | | | |
| 108-95-2 | Phenol | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 95-48-7 | 2-Methylphenol | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 108-60-1 | 2,2'-oxybis(1-chloropropane) | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 106-44-5 | 4-Methylphenol | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 67-72-1 | Hexachloroethane | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 98-95-3 | Nitrobenzene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 78-59-1 | Isophorone | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 91-20-3 | Naphthalene | ug/Kg | 730 U | 690 U | 720 U | 3000 | 690 U |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 59-50-7 | 4-Chloro-3-Methylphenol | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 730 U | 690 U | 720 U | 2600 | 690 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 1800 U | 1700 U | 1700 U | 1800 U | 1700 U |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 1800 U | 1700 U | 1700 U | 1800 U | 1700 U |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 208-96-8 | Acenaphthylene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 1800 U | 1700 U | 1700 U | 1800 U | 1700 U |
| 83-32-9 | Acenaphthene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 1200 |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1800 U | 1700 U | 1700 U | 1800 U | 1700 U |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1800 U | 1700 U | 1700 U | 1800 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 84-66-2 | Diethyl phthalate | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 86-73-7 | Fluorene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 1100 |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 1800 U | 1700 U | 1700 U | 1800 U | 1700 U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/Kg | 1800 U | 1700 U | 1700 U | 1800 U | 1700 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 87-86-5 | Pentachlorophenol | ug/Kg | 1800 U | 1700 U | 1700 U | 1800 U | 1700 U |
| 85-01-8 | Phenanthrene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 8800 D |
| 120-12-7 | Anthracene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 2700 D |
| 86-74-8 | Carbazole | ug/Kg | 730 U | 690 U | 720 U | 760 UJ | 1800 |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 730 U | 690 U | 720 U | 770 | 830 |
| 206-44-0 | Fluoranthene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 9300 D |
| 129-00-0 | Pyrene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 8700 D |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 4400 |
| 218-01-9 | Chrysene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 4200 |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 730 U | 690 U | 720 U | 760 U | 690 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 3600 D |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 2700 D |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 3800 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 2200 |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 1200 |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 730 U | 690 U | 720 U | 760 U | 2500 |

OHM/PARSONS AFB
PLATTSBURGH AFB
VALIDATED SITE 10 SOIL ANALYTICAL DATA
SDG: 61336

| CAS NO. | COMPOUND | SAMPLE ID: | SS-47B | SS-48B | RINSATE | TB |
|---|---|---|---|---|---|---|
| | | DEPTH: | 3-4 | 1-3 | | |
| | | LAB ID: | 313258 | 313259 | 313260 | 313261 |
| | | SOURCE: | INCHCAPE | INCHCAPE | INCHCAPE | INCHCAPE |
| | | SDG: | 61336 | 61336 | 61336 | 61336 |
| | | MATRIX: | SOIL | SOIL | WATER | WATER |
| | | SAMPLED: | 9/17/96 | 9/17/96 | 9/17/96 | 9/13/96 |
| | | VALIDATED: | 12/28/96 | 12/28/96 | 12/28/96 | 12/28/96 |
| | | UNITS: | | | UG/L | UG/L |
| | VOLATILES | | | | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 71-43-2 | Benzene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 108-88-3 | Toluene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 100-41-4 | Ethylbenzene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| m/p-Xylene | m/p-Xylene | ug/Kg | 1.4 UJ | 1.1 U | 1 U | 1 U |
| 95-47-6 | o-Xylene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 100-42-5 | Styrene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 99-87-6 | p-Isopropyltoluene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 104-51-8 | n-Butylbenzene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 91-20-3 | Naphthalene | ug/Kg | 0.7 UJ | 0.53 U | 0.5 U | 0.5 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 74-87-3 | Chloromethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 75-01-4 | Vinyl chloride | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 74-83-9 | Bromomethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 75-00-3 | Chloroethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 76-13-1 | Freon-113 | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 95-35-4 | 1,1-Dichloroethene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 75-09-2 | Methylene Chloride | ug/Kg | R | 0.53 U | 0.64 | 0.5 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 156-59-2 | cis-1,2-dichloroethene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 67-66-3 | Chloroform | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 74-97-5 | Bromochloromethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 79-01-6 | Trichloroethene | ug/Kg | 12 J | 12 | 0.5 U | 0.5 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 75-27-4 | Bromodichloromethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 74-95-3 | Dibromomethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 124-48-1 | Dibromochloromethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 106-93-4 | 1,2-Dibromoethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 108-90-7 | Chlorobenzene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 75-25-2 | Bromoform | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 108-86-1 | Bromobenzene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 95-49-8 | 2-Chlorotoluene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 106-43-4 | 4-Chlorotoluene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | R | R | 0.5 U | 0.5 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | R | 0.53 U | 0.5 U | 0.5 U |

# ATTACHMENT A-2

# VALIDATED LABORATORY DATA FOR SITE 17

| OHM/PARSONS<br>PLATTSBURGH AFB<br>VALIDATED SITE 17 SOIL ANALYTICAL DATA<br>SDG: 61371 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>SDG:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | SS-75B<br>3-4<br>313384<br>INCHCAPE<br>61371<br>SOIL<br>9/17/96<br>12/28/96 | SS-76B<br>4-6<br>313385<br>INCHCAPE<br>61371<br>SOIL<br>9/17/96<br>12/28/96 | SS-77B<br>4-6<br>313386<br>INCHCAPE<br>61371<br>SOIL<br>9/17/96<br>12/28/96 | SS-78B<br>4-6<br>313387<br>INCHCAPE<br>61371<br>SOIL<br>9/17/96<br>12/28/96 | SS-79B<br>2-4<br>313388<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 71-43-2 | Benzene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 108-88-3 | Toluene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 100-41-4 | Ethylbenzene | ug/Kg | 0.54 U | 7800 | 0.56 U | 140 U | 0.54 U |
| m/p-Xylene | m/p-Xylene | ug/Kg | 1.1 U | 22000 | 1.1 U | 270 U | 1.1 U |
| 95-47-6 | o-Xylene | ug/Kg | 0.54 U | 6100 | 0.56 U | 1400 | 0.54 U |
| 100-42-5 | Styrene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | 0.54 U | 21000 | 0.56 U | 140 U | 0.54 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 0.54 U | 34000 | 0.56 U | 2900 | 0.54 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 390 | 0.54 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 0.54 U | 71000 | 0.56 U | 140 U | 0.54 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 0.54 U | 180000 | 0.56 U | 9600 | 0.54 U |
| 99-87-6 | p-Isopropyltoluene | ug/Kg | 0.54 U | 40000 | 0.56 U | 4200 | 0.54 U |
| 104-51-8 | n-Butylbenzene | ug/Kg | 0.54 U | 8000 | 0.56 U | 1500 | 0.54 U |
| 91-20-3 | Naphthalene | ug/Kg | 0.54 U | 32000 | 0.56 U | 880 | 0.54 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 0.54 U | R | 0.56 U | R | 0.54 U |
| 74-87-3 | Chloromethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 75-01-4 | Vinyl chloride | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 74-83-9 | Bromomethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 75-00-3 | Chloroethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 76-13-1 | Freon-113 | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 75-35-4 | 1,1-Dichloroethene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 75-09-2 | Methylene Chloride | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 156-59-2 | cis-1,2-dichloroethene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 67-66-3 | Chloroform | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 74-97-5 | Bromochloromethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 79-01-6 | Trichloroethene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 810 | 0.54 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 75-27-4 | Bromodichloromethane | ug/Kg | 0.54 U | R | 0.56 U | R | 0.54 U |
| 74-95-3 | Dibromomethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 124-48-1 | Dibromochloromethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 106-93-4 | 1,2-Dibromoethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 108-90-7 | Chlorobenzene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 75-25-2 | Bromoform | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 108-86-1 | Bromobenzene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 0.54 U | 110000 | 0.56 U | 1100 | 0.54 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 0.54 U | 140000 | 0.56 U | 1600 | 0.54 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 0.54 U | 310000 | 0.56 U | 2600 | 0.54 U |
| 95-49-8 | 2-Chlorotoluene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 250 | 0.54 U |
| 106-43-4 | 4-Chlorotoluene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 0.54 U | 9500 | 0.56 U | 250 | 0.54 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 0.54 U | 5400 U | 0.56 U | 140 U | 0.54 U |

OHM/PARSONS
PLATTSBURGH AFB
VALIDATED SITE 17 SOIL ANALYTICAL DATA
SDG: 61371

| CAS NO. | COMPOUND | SAMPLE ID: | SS-75B | SS-76B | SS-77B | SS-78B | SS-79B |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 3-4 | 4-6 | 4-6 | 4-6 | 2-4 |
| | | LAB ID: | 313384 | 313385 | 313386 | 313387 | 313388 |
| | | SOURCE: | INCHCAPE | INCHCAPE | INCHCAPE | INCHCAPE | INCHCAPE |
| | | SDG: | 61371 | 61371 | 61371 | 61371 | 61371 |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 9/17/96 | 9/17/96 | 9/17/96 | 9/17/96 | 9/18/96 |
| | | VALIDATED: | 12/28/96 | 12/28/96 | 12/28/96 | 12/28/96 | 12/28/96 |
| | | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 710 U | | | | 700 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 710 U | | | | 700 U |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 710 U | | | | 700 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 710 U | | | | 700 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 710 U | | | | 700 U |
| 106-46-7 | 1,2-Dichlorobenzene | ug/Kg | 710 U | | | | 700 U |
| 95-48-7 | 2-Methylphenol | ug/Kg | 710 U | | | | 700 U |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane | ug/Kg | 710 U | | | | 700 U |
| 106-44-5 | 4-Methylphenol | ug/Kg | 710 U | | | | 700 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 710 U | | | | 700 U |
| 67-72-1 | Hexachloroethane | ug/Kg | 710 U | | | | 700 U |
| 98-95-3 | Nitrobenzene | ug/Kg | 710 U | | | | 700 U |
| 78-59-1 | Isophorone | ug/Kg | 710 U | | | | 700 U |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 710 U | | | | 700 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 710 U | | | | 700 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 710 U | | | | 700 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 710 U | | | | 700 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 710 U | | | | 700 U |
| 120-82-1 | 1,2,4-Trichlorophenol | ug/Kg | 710 U | | | | 700 U |
| 91-20-3 | Naphthalene | ug/Kg | 710 U | | | | 700 U |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 710 U | | | | 700 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 710 U | | | | 700 U |
| 59-50-7 | 4-Chloro-3-Methylphenol | ug/Kg | 710 U | | | | 700 U |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 710 U | | | | 700 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 710 U | | | | 700 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 710 U | | | | 700 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 1700 U | | | | 1700 U |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 710 U | | | | 700 U |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 1700 U | | | | 1700 U |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 710 U | | | | 700 U |
| 208-96-8 | Acenaphthylene | ug/Kg | 710 U | | | | 700 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 710 U | | | | 700 U |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 1700 U | | | | 1700 U |
| 83-32-9 | Acenaphthene | ug/Kg | 710 U | | | | 700 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1700 U | | | | 1700 U |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1700 U | | | | 1700 U |
| 132-64-9 | Dibenzofuran | ug/Kg | 710 U | | | | 700 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 710 U | | | | 700 U |
| 84-66-2 | Diethyl phthalate | ug/Kg | 710 U | | | | 700 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 710 U | | | | 700 U |
| 86-73-7 | Fluorene | ug/Kg | 710 U | | | | 700 U |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 1700 U | | | | 1700 U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/Kg | 1700 U | | | | 1700 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 710 U | | | | 700 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 710 U | | | | 700 U |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 710 U | | | | 700 U |
| 87-86-5 | Pentachlorophenol | ug/Kg | 1700 U | | | | 1700 U |
| 85-01-8 | Phenanthrene | ug/Kg | 710 U | | | | 700 U |
| 120-12-7 | Anthracene | ug/Kg | 710 U | | | | 700 U |
| 86-74-8 | Carbazole | ug/Kg | 710 U | | | | 700 U |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 710 U | | | | 700 U |
| 206-44-0 | Fluoranthene | ug/Kg | 710 U | | | | 700 U |
| 129-00-0 | Pyrene | ug/Kg | 710 U | | | | 700 U |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 710 U | | | | 700 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 710 U | | | | 700 U |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 710 U | | | | 700 U |
| 218-01-9 | Chrysene | ug/Kg | 710 U | | | | 700 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 710 U | | | | 700 U |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 710 U | | | | 700 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 710 U | | | | 700 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 710 U | | | | 700 U |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 710 U | | | | 700 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 710 U | | | | 700 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 710 U | | | | 700 U |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 710 U | | | | 700 U |

OHM/PARSONS
PLATTSBURGH AFB
VALIDATED SITE 17 SOIL ANALYTICAL DATA
SDG: 61371

| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: SS-80B<br>DEPTH: 6-8<br>LAB ID: 313389<br>SOURCE: INCHCAPE<br>SDG: 61371<br>MATRIX: SOIL<br>SAMPLED: 9/18/96<br>VALIDATED: 12/28/96 | SS-81B<br>5-6<br>313390<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | SS-82B<br>5-6.5<br>313391<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | SS-83B<br>6-8<br>313392<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | SS-83BDUP<br>6-8<br>313394<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 |
|---|---|---|---|---|---|---|---|
| | VOLATILES | | | | | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 71-43-2 | Benzene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 108-88-3 | Toluene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 100-41-4 | Ethylbenzene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| m/p-Xylene | m/p-Xylene | ug/Kg | 1.1 U | 1.1 U | 1.1 U | 1.1 U | 1.1 U |
| 95-47-6 | o-Xylene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 100-42-5 | Styrene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 99-87-6 | p-Isopropyltoluene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 104-51-8 | n-Butylbenzene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 91-20-3 | Naphthalene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 74-87-3 | Chloromethane | ug/Kg | 0.53 UJ | 0.53 UJ | 0.54 U | 0.54 U | 0.54 U |
| 75-01-4 | Vinyl chloride | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 74-83-9 | Bromomethane | ug/Kg | 0.53 UJ | 0.53 UJ | 0.54 U | 0.54 U | 0.54 U |
| 75-00-3 | Chloroethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 76-13-1 | Freon-113 | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 75-35-4 | 1,1-Dichloroethene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 75-09-2 | Methylene Chloride | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 156-59-2 | cis-1,2-dichloroethene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 67-66-3 | Chloroform | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 74-97-5 | Bromochloromethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 79-01-6 | Trichloroethene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 75-27-4 | Bromodichloromethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 74-95-3 | Dibromomethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 124-48-1 | Dibromochloromethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 106-93-4 | 1,2-Dibromoethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 108-90-7 | Chlorobenzene | ug/Kg | 0.53 UJ | 0.53 UJ | 0.54 U | 0.54 U | 0.54 U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 75-25-2 | Bromoform | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 108-86-1 | Bromobenzene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 0.53 UJ | 0.53 UJ | 0.54 U | 0.54 U | 0.54 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 0.53 UJ | 0.53 UJ | 0.54 U | 0.54 U | 0.54 U |
| 95-49-8 | 2-Chlorotoluene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 106-43-4 | 4-Chlorotoluene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | R | R | 0.54 U | 0.54 U | 0.54 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 0.53 U | 0.53 U | 0.54 U | 0.54 U | 0.54 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 0.53 UJ | 0.53 UJ | 0.54 U | 0.54 U | 0.54 U |

OHM/PARSONS
PLATTSBURGH AFB
VALIDATED SITE 17 SOIL ANALYTICAL DATA
SDG: 61371

| CAS NO. | COMPOUND | UNITS: | SAMPLE ID: SS-80B<br>DEPTH: 6-8<br>LAB ID: 313389<br>SOURCE: INCHCAPE<br>SDG: 61371<br>MATRIX: SOIL<br>SAMPLED: 9/18/96<br>VALIDATED: 12/28/96 | SS-81B<br>5-6<br>313390<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | SS-82B<br>5-6.5<br>313391<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | SS-83B<br>6-8<br>313392<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | SS-83BDUP<br>6-8<br>313394<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 |
|---|---|---|---|---|---|---|---|
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 106-46-7 | 1,2-Dichlorobenzene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 95-48-7 | 2-Methylphenol | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 106-44-5 | 4-Methylphenol | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 67-72-1 | Hexachloroethane | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 98-95-3 | Nitrobenzene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 78-59-1 | Isophorone | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 120-82-1 | 1,2,4-Trichlorophenol | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 91-20-3 | Naphthalene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 59-50-7 | 4-Chloro-3-Methylphenol | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 1700 U | 1700 U | 1700 U | 1700 U | 1700 U |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 1700 U | 1700 U | 1700 U | 1700 U | 1700 U |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 208-96-8 | Acenaphthylene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 1700 U | 1700 U | 1700 U | 1700 U | 1700 U |
| 83-32-9 | Acenaphthene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1700 U | 1700 U | 1700 U | 1700 U | 1700 U |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1700 U | 1700 U | 1700 U | 1700 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 84-66-2 | Diethyl phthalate | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 86-73-7 | Fluorene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 1700 U | 1700 U | 1700 U | 1700 U | 1700 U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/Kg | 1700 U | 1700 U | 1700 U | 1700 U | 1700 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 87-86-5 | Pentachlorophenol | ug/Kg | 1700 U | 1700 U | 1700 U | 1700 U | 1700 U |
| 85-01-8 | Phenanthrene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 120-12-7 | Anthracene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 86-74-8 | Carbazole | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 206-44-0 | Fluoranthene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 129-00-0 | Pyrene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 218-01-9 | Chrysene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 700 U | 700 U | 700 U | 720 U | 710 U |

| OHM/PARSONS<br>PLATTSBURGH AFB<br>VALIDATED SITE 17 SOIL ANALYTICAL DATA<br>SDG: 61371 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>SDG:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | SS-84B<br>4-6<br>313396<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | SS-85B<br>2-4<br>313395<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | SS-86B<br>3-5<br>313397<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | SS-87B<br>2-4<br>313398<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | SS-88B<br>2-4<br>313399<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 |
|---|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | | | |
| | VOLATILES | | | | | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| 71-43-2 | Benzene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| 108-88-3 | Toluene | ug/Kg | 0.54 U | 1.9 | 0.62 U | 28 U | 0.54 U |
| 100-41-4 | Ethylbenzene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| m/p-Xylene | m/p-Xylene | ug/Kg | 1.1 U | 1 U | 1.2 U | 56 U | 1.1 U |
| 95-47-6 | o-Xylene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| 100-42-5 | Styrene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| 99-87-6 | p-Isopropyltoluene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| 104-51-8 | n-Butylbenzene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 28 U | 0.54 U |
| 91-20-3 | Naphthalene | ug/Kg | 0.54 U | 0.52 U | 0.62 U | 30 | 0.54 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | R | 0.54 U |
| 74-87-3 | Chloromethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 75-01-4 | Vinyl chloride | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 74-83-9 | Bromomethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 75-00-3 | Chloroethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 76-13-1 | Freon-113 | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 75-35-4 | 1,1-Dichloroethene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 75-09-2 | Methylene Chloride | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 156-59-2 | cis-1,2-dichloroethene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 67-66-3 | Chloroform | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 74-97-5 | Bromochloromethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 79-01-6 | Trichloroethene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 810 | 0.54 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 75-27-4 | Bromodichloromethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | R | 0.54 U |
| 74-95-3 | Dibromomethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 124-48-1 | Dibromochloromethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 106-93-4 | 1,2-Dibromoethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 108-90-7 | Chlorobenzene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 75-25-2 | Bromoform | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 108-86-1 | Bromobenzene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 79 | 0.54 U |
| 95-49-8 | 2-Chlorotoluene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 106-43-4 | 4-Chlorotoluene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 0.54 U | 0.53 U | 0.62 UJ | 28 U | 0.54 U |

OHM/PARSONS
PLATTSBURGH AFB
VALIDATED SITE 17 SOIL ANALYTICAL DATA
SDG: 61371

| CAS NO. | COMPOUND | SAMPLE ID: | SS-84B | SS-85B | SS-86B | SS-87B | SS-88B |
|---|---|---|---|---|---|---|---|
| | | DEPTH: | 4-6 | 2-4 | 3-5 | 2-4 | 2-4 |
| | | LAB ID: | 313396 | 313395 | 313397 | 313398 | 313399 |
| | | SOURCE: | INCHCAPE | INCHCAPE | INCHCAPE | INCHCAPE | INCHCAPE |
| | | SDG: | 61371 | 61371 | 61371 | 61371 | 61371 |
| | | MATRIX: | SOIL | SOIL | SOIL | SOIL | SOIL |
| | | SAMPLED: | 9/18/96 | 9/18/96 | 9/18/96 | 9/18/96 | 9/18/96 |
| | | VALIDATED: | 12/28/96 | 12/28/96 | 12/28/96 | 12/28/96 | 12/28/96 |
| | | UNITS: | | | | | |
| | SEMIVOLATILES | | | | | | |
| 108-95-2 | Phenol | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 106-46-7 | 1,2-Dichlorobenzene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 95-48-7 | 2-Methylphenol | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 106-44-5 | 4-Methylphenol | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 67-72-1 | Hexachloroethane | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 98-95-3 | Nitrobenzene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 78-59-1 | Isophorone | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 120-82-1 | 1,2,4-Trichlorophenol | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 91-20-3 | Naphthalene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 59-50-7 | 4-Chloro-3-Methylphenol | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 1700 U | 1700 U | 2000 U | 1800 U | 1700 U |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 1700 U | 1700 U | 2000 U | 1800 U | 1700 U |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 208-96-8 | Acenaphthylene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 1700 U | 1700 U | 2000 U | 1800 U | 1700 U |
| 83-32-9 | Acenaphthene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1700 U | 1700 U | 2000 U | 1800 U | 1700 U |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1700 U | 1700 U | 2000 U | 1800 U | 1700 U |
| 132-64-9 | Dibenzofuran | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 84-66-2 | Diethyl phthalate | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 86-73-7 | Fluorene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 1700 U | 1700 U | 2000 U | 1800 U | 1700 U |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/Kg | 1700 U | 1700 U | 2000 U | 1800 U | 1700 U |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 87-86-5 | Pentachlorophenol | ug/Kg | 1700 U | 1700 U | 2000 U | 1800 U | 1700 U |
| 85-01-8 | Phenanthrene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 120-12-7 | Anthracene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 86-74-8 | Carbazole | ug/Kg | 710 U | 690 U | 810 UJ | 730 UJ | 720 UJ |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 206-44-0 | Fluoranthene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 129-00-0 | Pyrene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 218-01-9 | Chrysene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 710 U | 690 U | 810 U | 730 U | 720 U |

| OHM/PARSONS<br>PLATTSBURGH AFB<br>VALIDATED SITE 17 SOIL ANALYTICAL DATA<br>SDG: 61371 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>SDG:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | SS-89B<br>2-4<br>313400<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | SS-90B<br>2-4<br>313401<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | RINSATE02<br><br>313402<br>INCHCAPE<br>61371<br>WATER<br>9/18/96<br>12/28/96 | TB<br><br>313393<br>INCHCAPE<br>61371<br>WATER<br>9/13/96<br>12/28/96 |
|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | UG/L | UG/L |
| | VOLATILES | | | | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 71-43-2 | Benzene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 108-88-3 | Toluene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 100-41-4 | Ethylbenzene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| m/p-Xylene | m/p-Xylene | ug/Kg | 1.1 U | 1 U | 1 U | 1 U |
| 95-47-6 | o-Xylene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 100-42-5 | Styrene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 98-82-8 | Isopropylbenzene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 103-65-1 | n-Propylbenzene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 108-67-8 | 1,3,5-Trimethylbenzene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 98-06-6 | tert-Butylbenzene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 95-63-6 | 1,2,4-Trimethylbenzene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 135-98-8 | sec-Butylbenzene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 99-87-6 | p-Isopropyltoluene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 104-51-8 | n-Butylbenzene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 91-20-3 | Naphthalene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 75-71-8 | Dichlorodifluoromethane | ug/Kg | 0.54 U | 0.53 U | R | R |
| 74-87-3 | Chloromethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 75-01-4 | Vinyl chloride | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 74-83-9 | Bromomethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 75-00-3 | Chloroethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 75-69-4 | Trichlorofluoromethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 76-13-1 | Freon-113 | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 75-35-4 | 1,1-Dichloroethene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 75-09-2 | Methylene Chloride | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 156-60-5 | trans-1,2-Dichloroethene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 75-34-3 | 1,1-Dichloroethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 594-20-7 | 2,2-Dichloropropane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 156-59-2 | cis-1,2-dichloroethene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 67-66-3 | Chloroform | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 74-97-5 | Bromochloromethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 71-55-6 | 1,1,1-Trichloroethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 563-58-6 | 1,1-Dichloropropene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 56-23-5 | Carbon tetrachloride | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 107-06-2 | 1,2-Dichloroethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 79-01-6 | Trichloroethene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 78-87-5 | 1,2-Dichloropropane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 75-27-4 | Bromodichloromethane | ug/Kg | 0.54 U | 0.53 U | R | R |
| 74-95-3 | Dibromomethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 79-00-5 | 1,1,2-Trichloroethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 142-28-9 | 1,3-Dichloropropane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 127-18-4 | Tetrachloroethene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 124-48-1 | Dibromochloromethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 106-93-4 | 1,2-Dibromoethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 108-90-7 | Chlorobenzene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 75-25-2 | Bromoform | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 96-18-4 | 1,2,3-Trichloropropane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 108-86-1 | Bromobenzene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 0.54 UJ | 0.53 UJ | 0.5 U | 0.5 U |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 0.54 UJ | 0.53 UJ | 0.5 U | 0.5 U |
| 95-50-1 | 1,2-Dichlorobenzene | ug/Kg | 0.54 UJ | 0.53 UJ | 0.5 U | 0.5 U |
| 95-49-8 | 2-Chlorotoluene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 106-43-4 | 4-Chlorotoluene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 0.54 UJ | 0.53 UJ | 0.5 U | 0.5 U |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 0.54 U | 0.53 U | 0.5 U | 0.5 U |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/Kg | 0.54 UJ | 0.53 UJ | 0.5 U | 0.5 U |

| OHM/PARSONS<br>PLATTSBURGH AFB<br>VALIDATED SITE 17 SOIL ANALYTICAL DATA<br>SDG: 61371 | | SAMPLE ID:<br>DEPTH:<br>LAB ID:<br>SOURCE:<br>SDG:<br>MATRIX:<br>SAMPLED:<br>VALIDATED: | SS-89B<br>2-4<br>313400<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | SS-90B<br>2-4<br>313401<br>INCHCAPE<br>61371<br>SOIL<br>9/18/96<br>12/28/96 | RINSATE02<br><br>313402<br>INCHCAPE<br>61371<br>WATER<br>9/18/96<br>12/28/96 | TB<br><br>313393<br>INCHCAPE<br>61371<br>WATER<br>9/13/96<br>12/28/96 |
|---|---|---|---|---|---|---|
| CAS NO. | COMPOUND | UNITS: | | | UG/L | UG/L |
| | SEMIVOLATILES | | | | | |
| 108-95-2 | Phenol | ug/Kg | 700 U | 690 U | 10 U | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/Kg | 700 U | 690 U | 10 U | |
| 95-57-8 | 2-Chlorophenol | ug/Kg | 700 U | 690 U | 10 U | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/Kg | 700 U | 690 U | 10 U | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/Kg | 700 U | 690 U | 10 U | |
| 106-46-7 | 1,2-Dichlorobenzene | ug/Kg | 700 U | 690 U | 10 U | |
| 95-48-7 | 2-Methylphenol | ug/Kg | 700 U | 690 U | 10 U | |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane | ug/Kg | 700 U | 690 U | 10 U | |
| 106-44-5 | 4-Methylphenol | ug/Kg | 700 U | 690 U | 10 U | |
| 621-64-7 | N-Nitrosodi-n-propylamine | ug/Kg | 700 U | 690 U | 10 U | |
| 67-72-1 | Hexachloroethane | ug/Kg | 700 U | 690 U | 10 U | |
| 98-95-3 | Nitrobenzene | ug/Kg | 700 U | 690 U | 10 U | |
| 78-59-1 | Isophorone | ug/Kg | 700 U | 690 U | 10 U | |
| 88-75-5 | 2-Nitrophenol | ug/Kg | 700 U | 690 U | 10 U | |
| 105-67-9 | 2,4-Dimethylphenol | ug/Kg | 700 U | 690 U | 10 U | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/Kg | 700 U | 690 U | 10 U | |
| 120-83-2 | 2,4-Dichlorophenol | ug/Kg | 700 U | 690 U | 10 U | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/Kg | 700 U | 690 U | 10 U | |
| 120-82-1 | 1,2,4-Trichlorophenol | ug/Kg | 700 U | 690 U | 10 U | |
| 91-20-3 | Naphthalene | ug/Kg | 700 U | 690 U | 10 U | |
| 106-47-8 | 4-Chloroaniline | ug/Kg | 700 U | 690 U | 10 U | |
| 87-68-3 | Hexachlorobutadiene | ug/Kg | 700 U | 690 U | 10 U | |
| 59-50-7 | 4-Chloro-3-Methylphenol | ug/Kg | 700 U | 690 U | 10 U | |
| 91-57-6 | 2-Methylnaphthalene | ug/Kg | 700 U | 690 U | 10 U | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/Kg | 700 U | 690 U | 10 U | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/Kg | 700 U | 690 U | 10 U | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/Kg | 1700 U | 1700 U | 25 U | |
| 91-58-7 | 2-Chloronaphthalene | ug/Kg | 700 U | 690 U | 10 U | |
| 88-74-4 | 2-Nitroaniline | ug/Kg | 1700 U | 1700 U | 25 U | |
| 131-11-3 | Dimethyl phthalate | ug/Kg | 700 U | 690 U | 10 U | |
| 208-96-8 | Acenaphthylene | ug/Kg | 700 U | 690 U | 10 U | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/Kg | 700 U | 690 U | 10 U | |
| 99-09-2 | 3-Nitroaniline | ug/Kg | 1700 U | 1700 U | 25 U | |
| 83-32-9 | Acenaphthene | ug/Kg | 700 U | 690 U | 10 U | |
| 51-28-5 | 2,4-Dinitrophenol | ug/Kg | 1700 U | 1700 U | 25 U | |
| 100-02-7 | 4-Nitrophenol | ug/Kg | 1700 U | 1700 U | 25 U | |
| 132-64-9 | Dibenzofuran | ug/Kg | 700 U | 690 U | 10 U | |
| 121-14-2 | 2,4-Dinitrotoluene | ug/Kg | 700 U | 690 U | 10 U | |
| 84-66-2 | Diethyl phthalate | ug/Kg | 700 U | 690 U | 10 U | |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | ug/Kg | 700 U | 690 U | 10 U | |
| 86-73-7 | Fluorene | ug/Kg | 700 U | 690 U | 10 U | |
| 100-01-6 | 4-Nitroaniline | ug/Kg | 1700 U | 1700 U | 25 U | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/Kg | 1700 U | 1700 U | 25 U | |
| 86-30-6 | N-Nitrosodiphenylamine | ug/Kg | 700 U | 690 U | 10 U | |
| 101-55-3 | 4-Bromophenyl phenyl ether | ug/Kg | 700 U | 690 U | 10 U | |
| 118-74-1 | Hexachlorobenzene | ug/Kg | 700 U | 690 U | 10 U | |
| 87-86-5 | Pentachlorophenol | ug/Kg | 1700 U | 1700 U | 25 U | |
| 85-01-8 | Phenanthrene | ug/Kg | 360 J | 690 U | 10 U | |
| 120-12-7 | Anthracene | ug/Kg | 700 U | 690 U | 10 U | |
| 86-74-8 | Carbazole | ug/Kg | 700 UJ | 690 UJ | 10 U | |
| 84-74-2 | Di-n-butyl phthalate | ug/Kg | 700 U | 690 U | 10 U | |
| 206-44-0 | Fluoranthene | ug/Kg | 700 | 690 U | 10 U | |
| 129-00-0 | Pyrene | ug/Kg | 610 J | 690 U | 10 U | |
| 85-68-7 | Butyl benzyl phthalate | ug/Kg | 700 U | 690 U | 10 U | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/Kg | 700 U | 690 U | 10 U | |
| 56-55-3 | Benzo(a)anthracene | ug/Kg | 410 J | 690 U | 10 U | |
| 218-01-9 | Chrysene | ug/Kg | 430 J | 690 U | 10 U | |
| 117-81-7 | bis(2-Ethylhexyl)phthalate | ug/Kg | 700 U | 690 U | 10 U | |
| 117-84-0 | Di-n-octyl phthalate | ug/Kg | 700 U | 690 U | 10 U | |
| 205-99-2 | Benzo(b)fluoranthene | ug/Kg | 340 JN | 690 U | 10 U | |
| 207-08-9 | Benzo(k)fluoranthene | ug/Kg | 370 JN | 690 U | 10 U | |
| 50-32-8 | Benzo(a)pyrene | ug/Kg | 370 J | 690 U | 10 U | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/Kg | 700 U | 690 U | 10 U | |
| 53-70-3 | Dibenzo(a,h)anthracene | ug/Kg | 700 U | 690 U | 10 U | |
| 191-24-2 | Benzo(ghi)perylene | ug/Kg | 700 U | 690 U | 10 U | |