# FINAL SEMIANNUAL SAMPLING REPORT (June 2006 Sampling Event)

Multi Site G
Operation, Maintenance & Monitoring

ServAll Laundry Site Bay Shore, Suffolk County, NY Site 1-52-077

Work Assignment No. D004445-14

Prepared for:



# SUPERFUND STANDBY PROGRAM New York State Department of Environmental Conservation 625 Broadway Albany, New York 12233

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### 1.0 INTRODUCTION

Past releases from the ServAll Laundry Site in Bay Shore, New York (Site No. 1-52-077) resulted in the contamination of soil and groundwater at the Site and surrounding areas. Earth Tech was tasked with collecting two rounds of semiannual samples from selected monitoring wells as part of a long term monitoring plan. This report presents the results from the first semiannual sampling effort conducted in June 2006.

### 2.0 SITE DESCRIPTION AND BACKGROUND

The ServAll Laundry site is located at 8 Drayton Avenue, Bay Shore, New York (see Figure 1). ServAll Uniform Rental, Inc. operated as a commercial laundry from 1969 to 1972, and as dry cleaner/laundry from 1972 to 1984. During this time, unknown quantities of wash water overflow containing tetrachloroethene (PCE) and heavy metals were pumped to, and occasionally overflowed from, onsite cesspools. A groundwater contaminant plume of PCE and vinyl chloride has migrated about two miles southeast of the Site. The contaminant plume may be entering Penataquit Creek, which empties into Great Cove. The leading front of the contaminant plume is apparently in close proximity to Awixa Creek. Fifteen monitoring wells were identified for sampling (see Figure 2).

### 3.0 FIELD ACTIVITIES

The field sampling at the ServAll Laundry Site occurred on June 6 through June 16, 2006. Sampling was conducted in accordance with the Sampling and Analysis Plan (SAP) prepared by Earth Tech, dated April 2006. The SAP is comprised of the Field Sampling Plan (FSP), the Quality Assurance Project Plan (QAPP) and the Safe Work Plan (SWP). All field work was performed in Level D personal protection.

## 3.1 Well Inventory and Water Level Survey

Prior to the start of the first semiannual groundwater sampling event, an inventory of all known piezometers associated with the Site was performed. Previous records indicated that 47 piezometers were installed at off-site locations. Eighteen wells were identified for the survey. As the exact location of all wells and piezometers was not known prior to the start of field work, every effort was made to locate each well and piezometer. However, only 12 monitoring wells and 24 piezometers were actually located. Once a well or piezometer was identified, its location was photo-documented and measured from fixed points. A handheld GPS unit was also utilized to record the location. Each monitoring well and piezometer located was inventoried to assess its integrity. A list of the monitoring wells is presented in Table 1 and piezometers are included in Table 2 indicating their status.

Water level measurements were also recorded for all wells that could be located. Water level measurements were recorded in the Field Notebook and on the Well Sampling Forms in Appendix A. A summary of groundwater elevations in selected monitoring wells is presented in Table 3. A groundwater contour map was prepared for the June 2006 sampling event and is presented in Figure 3. As shown on the map, groundwater flow is to the south-southeast. This flow direction is similar to that found during previous investigations.

## 3.2 Groundwater Sampling

Fifteen monitoring wells were identified for long term monitoring at the Site. The selected wells included MW-2, MW-3A, MW-3B, MW-48, MW-5, MW-6A, MW-6B, MW-9, MW-11, MW-12, MW-13,

MW-14, MW-16, MW-23S and MW-23D. Three wells, MW-2, MW-3B and MW-9 could not be located in the field and were determined by the field crew to have been destroyed. Each location was photodocumented and a hand-held GPS unit was used to record the coordinates.

A Waterra HydroLift II pump with black polyethylene tubing was used to purge each monitoring well prior to sampling. Monitoring wells were purged of at least three casing volumes of water prior to sampling. Measurements of pH, specific conductance, temperature and turbidity were recorded on the Well Sampling Forms during purging. Well Sampling Forms are provided in Appendix A. Once the minimum volume of water had been evacuated, a dedicated Teflon bailer was used to collect a groundwater sample. The sample was carefully poured into laboratory supplied containers and placed in an ice-filled cooler. The samples were then transported to Mitkem Laboratory via Federal Express. Proper chain-of-custody procedures and requirements were maintained throughout the sampling event in accordance with the QAPP.

### 4.0 SAMPLING RESULTS

Groundwater samples were analyzed by Mitkem Laboratory of Warwick, Rhode Island. Samples were analyzed for volatile organic compounds (VOCs) using SW-846 Method 8260B and for target analyte list metals (TAL metals) by SW-846 Method 7470A and Method 6010B for mercury. Data packages consisted of an NYS ASP Category B deliverable. As this is a long term monitoring project, data was not validated. An Earth Tech chemist provided a cursory review of the data packages for completeness. The laboratory Data Summary Packages are in Appendix B. Of the 15 wells selected for sampling, only 12 were found to be intact as noted in Section 3.0. A summary of the detections is presented in Table 4. A summary of the exceedances is also presented on Figure 4. The sampling results are described below.

VOCs were not detected in monitoring well MW-3A. Three metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-3A: chromium was detected at a concentration of 55.8 micrograms per liter ( $\mu$ g/L) (Class GA criterion of 50  $\mu$ g/L); iron was detected at a concentration of 1,070  $\mu$ g/L (Class GA criterion of 300  $\mu$ g/L); and sodium was detected at a concentration of 129,000  $\mu$ g/L (Class GA criterion of 20,000  $\mu$ g/L).

VOCs were not detected in monitoring well MW-4. Three metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-4: chromium was detected at a concentration of 534  $\mu$ /L (Class GA criterion of 50  $\mu$ g/L); iron was detected at a concentration of 1,710  $\mu$ g/L (Class GA criterion of 300  $\mu$ g/L); and nickel was detected at a concentration of 240  $\mu$ g/L (Class GA criterion of 100  $\mu$ g/L).

The only VOC detected in monitoring well MW-5 was cis-1,2-dichloroethene, at an estimated concentration of 3.0  $\mu$ g/L (Class GA criterion of 5  $\mu$ g/L). Two metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-5: chromium was detected at a concentration of 80.5  $\mu$ /L (Class GA criterion of 50  $\mu$ g/L); iron was detected at a concentration of 934  $\mu$ g/L (Class GA criterion of 300  $\mu$ g/L); and thallium was detected at an estimated concentration of 1.4  $\mu$ g/L (Class GA criterion of 0.5  $\mu$ g/L).

VOCs were not detected in monitoring well MW-6A. Six metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-6A: chromium was detected at a concentration of 607  $\mu$ g/L (Class GA criterion of 50  $\mu$ g/L); iron was detected at a concentration of 3,780  $\mu$ g/L (Class GA criterion of 300  $\mu$ g/L); manganese was detected at a concentration of 7,140  $\mu$ g/L (Class GA criterion of 300  $\mu$ g/L); sodium was detected at a concentration of 59,600  $\mu$ g/L (Class GA

criterion of 20,000  $\mu$ g/L); and thallium was detected at a concentration of 32.3  $\mu$ g/L (Class GA criterion of 0.5  $\mu$ g/L).

Three VOCs were detected in monitoring well MW-6B above the Class GA criteria: cis-1,2-dichloroethene was detected at a concentration of 210  $\mu$ g/L (Class GA criterion of 5  $\mu$ g/L); trichloroethene (TCE) was detected at a concentration of 85  $\mu$ g/L (Class GA criterion of 5  $\mu$ g/L); and PCE was detected at a concentration of 1,100  $\mu$ g/L (Class GA criterion of 5  $\mu$ g/L). Two metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-6B: chromium was detected at a concentration of 62.2  $\mu$ g/L (Class GA criterion of 50  $\mu$ g/L); and iron was detected at a concentration of 1,950  $\mu$ g/L (Class GA criterion of 300  $\mu$ g/L).

PCE was detected at a concentration of 25  $\mu$ g/L in monitoring well MW-11 above its Class GA criterion of 5  $\mu$ g/L. Three metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-11: chromium was detected at a concentration of 50.1  $\mu$ g/L (Class GA criterion of 50  $\mu$ g/L); iron was detected at a concentration of 1,510  $\mu$ g/L (Class GA criterion of 300  $\mu$ g/L); and sodium was detected at a concentration of 23,700  $\mu$ g/L (Class GA criterion of 20,000  $\mu$ g/L).

Two VOCs were detected in monitoring well MW-12 above the Class GA criteria: PCE was detected at a concentration of 56  $\mu$ g/L (Class GA criterion of 5  $\mu$ g/L) and 1,2-dichlorobenzene was detected at a concentration of 9  $\mu$ g/L (Class GA criterion of 4.7  $\mu$ g/L). Six metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-12: chromium was detected at a concentration of 1,130  $\mu$ g/L (Class GA criterion of 50  $\mu$ g/L); iron as detected at a concentration of 2,810  $\mu$ g/L (Class GA criterion 0 f 300  $\mu$ g/L); manganese was detected at a concentration of 7,270  $\mu$ g/L (Class GA criterion of 100  $\mu$ g/L); sodium was detected at a concentration of 1,290  $\mu$ g/L (Class GA criterion of 100  $\mu$ g/L); sodium was detected at a concentration of 28,700; and thallium was detected at a concentration of 5  $\mu$ g/L (Class GA criterion of 0.5  $\mu$ g/L).

VOCs were not detected in monitoring well MW-13 above the Class GA criteria. Two metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-13: antimony was detected at a concentration of 6.3  $\mu$ g/L (Class GA criterion of 3  $\mu$ g/L); sodium was detected at a concentration of 35,700  $\mu$ g/L (Class GA criterion of 20,000  $\mu$ g/L); and thallium was detected at an estimated concentration of 1.7  $\mu$ g/L (Class GA criterion of 0.5  $\mu$ g/L).

VOCs were not detected in monitoring well MW-14 above the Class GA criteria. Two metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-14: iron was detected at a concentration of 449  $\mu$ g/L (Class GA criterion of 300  $\mu$ g/L); sodium was detected at a concentration of 60,500  $\mu$ g/L (Class GA criterion of 20,000  $\mu$ g/L); and thallium was detected at an estimated concentration of 1.3  $\mu$ g/L (Class GA criterion of 0.5  $\mu$ g/L).

Four VOCs were detected in monitoring well MW-16 above the Class GA criteria: cis-1,2-dichloroethene was detected at a concentration of 15  $\mu$ g/L (Class GA criterion of 5  $\mu$ g/L); 1,1,1-trichloroethane was detected at a concentration of 5  $\mu$ g/L (Class GA criterion of 5  $\mu$ g/L); TCE was detected at a concentration of 16  $\mu$ g/L (Class GA criterion of 5  $\mu$ g/L); and PCE was detected at a concentration of 25  $\mu$ g/L (Class GA criterion of 5  $\mu$ g/L). Four metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-16: chromium was detected at a concentration of 1,660  $\mu$ g/L (Class GA criterion of 50  $\mu$ g/L); iron as detected at a concentration of 7,270  $\mu$ g/L (Class GA criterion 0 f 300  $\mu$ g/L); nickel was detected at a concentration of 125  $\mu$ g/L (Class GA criterion of 100  $\mu$ g/L); and sodium was detected at a concentration of 24,500.

Three VOCs were detected in monitoring well MW-23S above the Class GA criteria: cis-1,2-dichloroethene was detected at a concentration of 360  $\mu$ g/L (Class GA criterion of 5  $\mu$ g/L); TCE

was detected at a concentration of 220  $\mu$ g/L (Class GA criterion of 5  $\mu$ g/L); and PCE was detected at a concentration of 5,200  $\mu$ g/L (Class GA criterion of 5  $\mu$ g/L). Three metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-23S: manganese was detected at a concentration of 1,570  $\mu$ g/L (Class GA criterion of 300  $\mu$ g/L); sodium was detected at a concentration of 28,700; and thallium was detected at a concentration of 7.8  $\mu$ g/L (Class GA criterion of 0.5  $\mu$ g/L).

VOCs were not detected above their respective Class GA criterion in monitoring well MW-23D. Two metals were detected at concentrations exceeding the Class GA groundwater criteria in monitoring well MW-23D: iron was detected at a concentration of 3,800  $\mu$ g/L (Class GA criterion of 300  $\mu$ g/L); and thallium was detected at an estimated concentration of 1.3  $\mu$ g/L (Class GA criterion of 0.5  $\mu$ g/L).

## 4.1 Volatile Organic Compounds

Targeted VOCs were not detected in monitoring wells MW-3A, MW-4, MW-6, and MW-14. All targeted VOCs were reported as either not detected or below their respective NYSDEC Class GA Groundwater Criterion in monitoring wells MW-5, MW-13 and MW-23D.

Five VOCs were detected at concentrations above their respective Class GA criterion in monitoring wells MW-6B, MW-11, MW-12, MW-16 and MW-23S. These exceedances included cis-1,2 dichloroethene, 1,1,1-trichloroethane, TCE, PCE and 1,2 dichlorobenzene.

Concentrations of cis-1,2 dichloroethene (Class GA criterion of 5  $\mu$ g/L) ranged from an estimated concentration of 3  $\mu$ g/L at MW-5 and MW-11 to 360  $\mu$ g/L at MW-23S. 1,1,1-Trichloroethane (Class GA criterion of 5  $\mu$ g/L) was detected at a concentration of 5  $\mu$ g/L in monitoring well MW-16. Concentrations of TCE (Class GA criterion 5  $\mu$ g/L)  $\mu$ g/L at MW-13 to 220  $\mu$ g/L at MW-23S. Concentrations of PCE (Class GA criterion 5  $\mu$ g/L) ranged from an estimated 4  $\mu$ g/L at MW-23D to 5,200  $\mu$ g/L at MW-23S. 1,2 Dichlorobenzene (Class GA criterion 5  $\mu$ g/L) was detected in monitoring well MW-12 at a concentration of 9  $\mu$ g/L.

A summary of historic PCE concentration data for selected monitoring wells is shown on Table 5. The data presented on this table is a compilation of data available for review during the preparation of this report and may not include all groundwater sampling results. PCE concentrations show a significant increase in monitoring wells MW-6A and MW-23S. At MW-6B, PCE concentrations had decreased through the 1990s to a low of 22  $\mu$ g/L by January 1999. There was an increase noted in July 2000 to 160  $\mu$ g/L followed by an order of magnitude increase in the most recent (June 2006) sampling event to 1,100  $\mu$ g/L. Further sampling will be necessary to confirm this finding.

PCE concentrations have also significantly increased in monitoring well MW-23S. Historically, PCE concentrations at this location were less than 30  $\mu g/L$  and were below the Class GA criterion of 5  $\mu g/L$  during the May 2004 sampling event. During the June 2006 sampling event, the PCE concentration at this location was 5,200  $\mu g/L$ . The cause of this increase is not known at this time. Further sampling will be necessary to confirm this finding.

### 4.2 TAL Metals

Of the 23 TAL metals, six metals were detected at concentrations above their respective Class GA criterion. These exceedances included antimony, chromium, iron, manganese, sodium and thallium.

Antimony was detected in five wells at concentrations ranging from an estimated 1.4  $\mu$ g/L at MW-23D to 6.3  $\mu$ g/L at MW-13, the only location where antimony exceeded the Class GA criterion of 3  $\mu$ g/L. Chromium was detected in all 12 samples. Eight samples exceeded the Class GA criterion of 50  $\mu$ g/L

with the highest concentration, 1,660  $\mu g/L$ , at MW-16. Iron was also detected in all 12 samples with the concentration exceeding the Class GA criterion of 300  $\mu g/L$  in 10 samples. The highest iron concentration was detected in MW-16, 7,270  $\mu g/L$ . Manganese was detected in all 12 samples. Three samples exceeded the Class GA criterion of 300  $\mu g/L$  with the highest concentration noted at MW-6A, 7,140  $\mu g/L$ . Sodium was detected in all 12 samples. Eight samples exceeded the Class GA criterion of 20,000  $\mu g/L$  with the highest concentration noted at MW-3A, 129,000  $\mu g/L$ . Thallium was detected at seven locations with three samples exceeding the Class GA criterion of 4  $\mu g/L$ . The highest thallium concentration was noted in MW-23S, 7.8  $\mu g/L$ .

## 5.0 SUMMARY AND RECOMMENDATIONS FOR FUTURE SITE REMEDIATION ACTIVITIES

Concentrations of PCE and its breakdown daughter products (TCE, 1,1,1-trichloroethane, and cis-1,2-dichloroethene were detected in several monitoring wells. Of the five monitoring wells near the Site that were sampled (MW-3, MW-4, MW-5, MW-6A and MW-6B), PCE was only detected in deep monitoring well MW-6B (1,100  $\mu$ g/L); it was not detected in the other four wells near the Site. Three of the monitoring wells sampled were located approximately halfway between the Site and the Bay Shore Middle School (MW-12, MW-13 and MW-14) along the Southern State Parkway. PCE was detected in two wells MW-12 (17  $\mu$ g/L) and MW-13 (5  $\mu$ g/L). PCE was not detected in groundwater at MW-14. Of the two monitoring wells near the Bay Shore Middle School that were sampled (MW-11 and MW-16) PCE was found at concentrations of 56  $\mu$ g/L and 25  $\mu$ g/L, respectively. Several daughter products were also detected at MW-16 that had not been detected at other locations closer to the Site. The two most downgradient wells sampled (MW-23S and MW-23D) were located near the Sunrise Highway. PCE was detected in MW-23S at a concentration of 5,200  $\mu$ g/L along with high concentrations of two daughter products, TCE and cis-1,2-dichloroethene. PCE was detected at an estimated concentration of 4  $\mu$ g/L in MW-23D.

Several metals were detected above the Class GA criterion in all 12 wells that were sampled during June 2006 event. Three of the metals, iron, manganese and sodium, are naturally occurring elements and will not be discussed further.

Chromium was found in all five near Site wells, MW-3A, MW-4, MW-5, MW-6A and MW-6B. Concentrations ranged from slightly above the 50  $\mu$ g/L criterion (MW-3A, MW-5 and MW-6B) to an order of magnitude above the criterion at MW-4 and MW-6A. Chromium concentrations in the three wells along the Southern State Parkway ranged from below the criterion at MW-13 and MW-14 to 1,130  $\mu$ g/L at MW-12.

Nickel was found at concentrations above the Class GA criterion of  $100 \mu g/L$  in two near Site wells, MW-4 (240  $\mu g/L$ ) and MW-6A (160  $\mu g/L$ ). Nickel was found above the criterion in MW-12 (1,290  $\mu g/L$ ), one of the three monitoring wells along the Southern State Parkway, at more than an order of magnitude above the criterion. Nickel was found slightly above the criterion in one monitoring well at the Bay Shore Middle School, MW-16 (125  $\mu g/L$ ).

Thallium was detected at concentrations above the Class GA criterion of 0.5  $\mu$ g/L in seven of 12 wells sampled. At four wells (MW-5, MW-13, MW-14 and MW-23D), the concentrations were approximately three times the criterion. Significantly higher concentrations were found at MW-12 (5 $\mu$ g/L), MW-23S (7.8  $\mu$ g/L) and MW-6A (32.3  $\mu$ g/L).

Future recommendations for the ServAll Laundry Site are continued monitoring of selected monitoring wells for VOCs and TAL metals. The significant increase in PCE concentration at monitoring wells MW-6B and MEW-23S will be reevaluated during the next sampling event.

## TABLE 1 SERVALL LAUNDRY SITE (SITE 1-52-077) MONITORING WELL LOCATIONS

| Well ID | Latitude  | Longitude  | Comments   |
|---------|-----------|------------|--|
| MW-1    |           |            | Behind Servall Building                                  |
| MW-2    |           |            | Well appears to be missing                               |
| MW-3A   |           |            | Well appears to be missing                               |
| MW-3B   | 40° 45.29 | 73° 15.73  | West of the building on the north side of Drayton Avenue |
| MW-4    | 40° 45.22 | 73° 15.69  | On north side of Frederick Avenue                        |
| MW-5    | 40° 45.22 | 73° 15.73' | On north side of Frederick Avenue                        |
| MW-6A   | 40° 45.22 | 73° 15.71  | On north side of Frederick Avenue                        |
| MW-6B   | 40° 45.22 | 73° 15.72  | On north side of Frederick Avenue                        |
| MW-7    |           |            | Well appears to be missing                               |
| MW-8    |           |            | Well appears to be missing                               |
| MW-9    |           |            | Well appears to have been paved over or removed          |
| MW-11   | 40° 44.49 | 73° 15.12  | In grass on field at Bayshore Middle School              |
| MW-12   | 40° 44.86 | 73° 15.48  | In woods along Southern State Parkway near light pole    |
| MW-13   | 40° 44.84 | 73° 15.39  | In woods along Southern State Parkway near light pole    |
| MW-14   | 40° 44.84 | 73° 15.26  | In woods along Southern State Parkway near light pole    |
| MW-16   | 40° 44.35 | 73° 15.05  | South side of Abrew Street in roadway                    |
| MW-23S  | 40° 44.07 | 73° 14.92  | In roadway on Cul-de-sac on Perkel Street                |
| MW-23D  | 40° 44.07 | 73° 14.93  | In roadway on Cul-de-sac on Perkel Street                |

**Bolded** monitoring wells are severely damaged and require repairs to the road box

## TABLE 2 SERVALL LAUNDRY SITE (Site 1-52-077) PIEZOMETER LOCATIONS

| Piezometer           | Latitude     |  |       | Comment  |
|----------------------|--------------|--|-------|--|
| PZ-94-1S             |              | Longitude<br>W73° 13.262               | round |  |
| PZ-94-13<br>PZ-94-2S | N4U 43.320   | VV/3 13.202                            | No    | In the road at the west end of 39 Maple Street                                 |
| PZ-94-25<br>PZ-94-3D | N1409 42 062 | W73° 14.078                            | INO   | Overgrown vegetation, might be visible in winter                               |
| PZ-94-3D<br>PZ-94-3S |              | W73° 14.078                            | No    | Only one lid found in front of 145 Awixa Ave Could be either piezometer        |
|                      |              | W73° 15.648                            | INO   |  |
| PZ-4<br>PZ-94-4D     |              |  |       | In front of 15 Frederick Ave (10 feet west of MW-4)                            |
|                      |              | W73° 14.545                            |       | Across from marina by vacant lot   |
| PZ-94-4S             |              | W73° 14.545<br>W73° 15.695             |       | Across from marina by vacant lot In front of 9 Frederick Ave                   |
| PZ-5<br>PZ-94-5S     | 1140 45.301  | W/3 15.095                             | No    |  |
| PZ-94-5S<br>PZ-94-6S | N1409 42 606 | \\/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | No    | Pavement looks new West Side of Athasca Rd in front of Arnotts Winter Brothers |
| PZ-94-63<br>PZ-94-7D |              | W73° 13.348                            |       |  |
| PZ-94-7D<br>PZ-94-7S |              | W73° 13.683<br>W73° 13.683             |       | North of entrance to Montfort Spiritual Center driveway                        |
|                      | N40 43.499   | VV/3 13.003                            | No    | North of entrance to Montfort Spiritual Center driveway                        |
| PZ-94-8D             |              |  | No    |  |
| PZ-94-8S             | N1409 42 062 | M720 14 E00                            | No    | In front of 11 Chara Lang  |
| PZ-94-9D             |              | W73° 14.509                            |       | In front of 11 Shore Lane  |
| PZ-94-9S             |              | W73° 14.508                            |       | In front of 11 Shore Lane  |
| PZ-94-11S            | N40° 42.942  | W73° 15.145                            | NI.   | On corner of Garner and Manatuck   |
| PZ-94-12S            |              |  | No    |  |
| PZ-94-13S            | N1400 40 500 | 14/700 4 4 500                         | No    | O. Alatta Black at the control of the Control of the Heavited                  |
| PZ-94-14D            |              | W73° 14.598                            |       | On Aletta Place at the exit of the Southside Hospital                          |
| PZ-94-14S            | N40° 43.586  | W73° 14.598                            |       | Employee parking lot   |
| PZ-94-15S            | 11400 40 400 | 14/500 45 050                          | No    |  |
| PZ-94-16S            | N40° 43.188  | W73° 15.352                            |       | Across from 26 Community Ave in a four well cluster                            |
| PZ-94-17D            |              |  | No    | Side of road is loose gravel and sand  |
| PZ-94-17S            |              |  | No    | Side of road is loose gravel and sand  |
| PZ-94-18S            |              |  | No    | Possibly under sand and puddles  |
| PZ-94-19D            |              |  | No    |  |
| PZ-94-19S            |              |  | No    | Gravel, sand, and overgrown vegetation   |
| PZ-94-20S            |              |  | No    |  |
| PZ-94-21D            |              |  | No    |  |
| PZ-94-21S            |              |  | No    |  |
| PZ-94-22S            |              | W73° 14.514                            |       | Across from 1 Barry Street between sidewalk and street                         |
| PZ-94-23S            | N40° 44.096  | W73° 14.923                            |       |  |
| D7 04 040            |              |  |       | In front of high school near 3rd ave and Perkel Street                         |
|                      | N40° 43.926  | W73° 15.338                            |       | intersection   |
| PZ-94-25S            |              |  |       | New Pavement   |
| PZ-94-26S            | N1400 40 5== | 14/700 40 55                           | No    | New Pavement and nuisance dumping  |
| PZ-94-27D            | N40° 42.855  | W73° 13.304                            |       | In road on north side of road across from 3 Ocean Street                       |
| PZ-94-28D            |              |  | No    |  |
| PZ-94-28S            | 11100 17 27  | 14/500 15 555                          | No    |  |
| PZ-102R              | N40° 45.257  | W73° 15.575                            |       | 25 Feet north of fire hydrant on Stein Drive                                   |
| PZ-103R              |              |  | No    |  |
| PZ-104R              |              | W73° 15.581                            |       | 6 feet southwest of storm drain inlet on Stein Drive                           |
| PZ-105               | N40° 45.213  | W73° 15.585                            |       | 4 feet east of stop sign   |
| PZ-106R              |              |  | No    |  |
| PZ-107R              |              |  | No    |  |
| PZ-108               |              | W73° 15.638                            |       | In front of 17 Walbridge Ave   |
| PZ-109               | N40° 45.214  | W73° 15.597                            |       | Three feet west of driveway  |

## TABLE 3 SERVALL LAUNDRY SITE (SITE 1-52-077) GROUNDWATER ELEVATIONS

| Well # | Reference | Date               | Depth    | Water Table    | Comments                 |
|--------|-----------|--------------------|----------|----------------|--------------------------|
|        | Elevation |                    | To Water | Elevation      |                          |
| MW-3A  | 64.54     | 2/12/91<br>6/6/06  | 20.68    | 54.20<br>43.86 | June 2006 sampling event |
| MW-4   | 63.11     | 2/12/91<br>6/16/06 | 20.34    | 44.34<br>42.77 | June 2006 sampling event |
| MW-5   | 64.04     | 2/12/91<br>6/15/06 | 20.98    | 44.60<br>43.06 | June 2006 sampling event |
| MW-6A  | 63.87     | 2/12/91<br>6/15/06 | 20.93    | 44.31<br>42.94 | June 2006 sampling event |
| MW-6B  | 63.83     | 2/12/91<br>6/15/06 | 20.89    | 44.34<br>42.94 | June 2006 sampling event |
| MW-11  | 37.07     | 2/12/91<br>6/8/06  | 8.80     | 28.44<br>28.27 | June 2006 sampling event |
| MW-12  | 50.61     | 2/12/91<br>6/15/06 | 14.15    | 37.46<br>36.46 | June 2006 sampling event |
| MW-13  | 50.33     | 2/12/91<br>6/15/06 | 18.51    | 36.56<br>31.82 | June 2006 sampling event |
| MW-14  | 49.98     | 2/12/91<br>6/15/06 | 15.01    | 35.63<br>34.97 | June 2006 sampling event |
| MW-16  | 36.50     | 2/12/91<br>6/15/06 | 10.52    | 24.82<br>25.98 | June 2006 sampling event |
| MW-23S | 24.38     | 6/8/06             | 5.25     | 19.13          | June 2006 sampling event |
| MW-23D | 24.45     | 6/8/06             | 5.15     | 19.30          | June 2006 sampling event |

## TABLE 4 SERVALL LAUNDRY SITE (SITE 1-52-077) SUMMARY OF VOCs AND METALS IN GROUNDWATER

| Sample Location            | NYSDEC      | MW-2      | MW-3A    | MW-3B     | MW-4     | MW-5     |
|----------------------------|-------------|-----------|----------|-----------|----------|----------|
| Sample ID Class G          |             |           | SMW-3A   |           | SMW-4    | SMW-5    |
| Laboratory ID              | Groundwater | Destroyed | E0773-18 | Destroyed | E0832-10 | E0832-05 |
| Sample Date                | Criteria    | 6/6/06    | 6/6/06   | 6/6/06    | 6/16/06  | 6/15/06  |
| Matrix                     | water       | water     | water    | water     | water    | water    |
| Units                      | μg/L        | μg/L      | μg/L     | μg/L      | μg/L     | μg/L     |
|                            |             | conc. Q   | conc. Q  | conc. Q   | conc. Q  | conc. Q  |
| Volatile Organic Compounds |             |           |          |           |          |          |
| 1,1-Dichloroethene         | 5           |           | ND       |           | ND       | ND       |
| Acetone                    | 50          |           | ND       |           | ND       | ND       |
| Methyl tert-butyl ether    |             |           | ND       |           | ND       | ND       |
| cis-1,2-Dichloroethene     | 5           |           | ND       |           | ND       | 3.0 J    |
| 1,1,1-Trichloroethane      | 5           |           | ND       |           | ND       | ND       |
| Trichloroethene            | 5           |           | ND       |           | ND       | ND       |
| Tetrachloroethene          | 5           |           | ND       |           | ND       | ND       |
| Chlorobenzene              | 5           |           | ND       |           | ND       | ND       |
| 1,2-Dichlorobenzene        | 4.7         |           | ND       |           | ND       | ND       |
| Number of TICs             |             |           | 0        |           | 0        | 0        |
| Total TICs                 |             |           | ND       |           | ND       | ND       |
| TAL Metals                 |             |           |          |           |          |          |
| Aluminum                   | NC          |           | 749      |           | 82.5 B   | 391      |
| Antimony                   | 3           |           | ND       |           | ND       | ND       |
| Arsenic                    | 25          |           | ND       |           | 2.2 B    | 1.7 B    |
| Barium                     | 1,000       |           | 67.3 B   |           | 16.7 B   | 17.9 B   |
| Beryllium                  | 3           |           | ND       |           | ND       | ND       |
| Cadmium                    | 5           |           | ND       |           | 0.73 B   | 2.4 B    |
| Calcium                    | NC          |           | 10,800   |           | 13,600   | 20,700   |
| Chromium                   | 50          |           | 55.8     |           | 534      | 80.5     |
| Cobalt                     | NC          |           | 2.4 B    |           | 1.6 B    | 1.3 B    |
| Copper                     | 200         |           | 13 B     |           | 33.6     | 6.8 B    |
| Iron                       | 300         |           | 1,070    |           | 1,710    | 934      |
| Lead                       | 25          |           | ND       |           | 1.6 B    | 3.6 B    |
| Magnesium                  | 35,000      |           | 4,290    |           | 3,310    | 3,420    |
| Manganese                  | 300         |           | 143      |           | 181      | 209      |
| Nickel                     | 100         |           | 23.6 B   |           | 240      | 39.1 B   |
| Potassium                  | NC          |           | 2,170    |           | 2,710    | 2,490    |
| Selenium                   | 10          |           | ND       |           | ND       | ND       |
| Sodium                     | 20,000      |           | 129,000  |           | 13,400   | 13,400   |
| Thallium                   | 0.5         |           | ND       |           | ND       | 1.4 B    |
| Vanadium                   | NC          |           | 1.4 B    |           | 1.4 B    | 0.89 B   |
| Zinc                       | 2,000       |           | 53.7     |           | 17.7 B   | 29.2 B   |
|                            |             |           |          |           |          |          |

ND - Not detected

B - Estimated value

D - Dilution

J - Estimated value

**BOLD/ITALICS** - exceeds criterion

## TABLE 4 SERVALL LAUNDRY SITE (SITE 1-52-077) SUMMARY OF VOCs AND METALS IN GROUNDWATER

| Sample Location            | NYSDEC      | MW-6A    | MW-6B     | MW-9      | MW-11    | MW-12    |
|----------------------------|-------------|----------|-----------|-----------|----------|----------|
| Sample ID                  | Class GA    | SMW-6A   | SMW-6B    |           | SMW-11   | SMW-12   |
| Laboratory ID              | Groundwater | E0832-06 | E0832-07  | Destroyed | E0773-19 | E0832-01 |
| Sample Date                | Criteria    | 6/15/06  | 6/15/06   | 6/09/06   | 6/8/06   | 6/15/06  |
| Matrix                     | water       | water    | water     | water     | water    | water    |
| Units                      | μg/L        | μg/L     | μg/L      | μg/L      | μg/L     | μg/L     |
|                            |             | conc. Q  | conc. Q   |           | conc. Q  | conc. Q  |
| Volatile Organic Compounds |             |          |           |           |          |          |
| 1,1-Dichloroethene         | 5           | ND       | ND        |           | ND       | ND       |
| Acetone                    | 50          | ND       | ND        |           | ND       | ND       |
| Methyl tert-butyl ether    |             | ND       | ND        |           | ND       | ND       |
| cis-1,2-Dichloroethene     | 5           | ND       | 210 D     |           | 3.0 J    | ND       |
| 1,1,1-Trichloroethane      | 5           | ND       | ND        |           | ND       | ND       |
| Trichloroethene            | 5           | ND       | 85        |           | 4 J      | ND       |
| Tetrachloroethene          | 5           | ND       | 1,100 D   |           | 56       | 17       |
| Chlorobenzene              | 5           | ND       | ND        |           | ND       | 4 J      |
| 1,2-Dichlorobenzene        | 4.7         | ND       | ND        |           | ND       | 9        |
| Number of TICs             |             | 0        | 0         |           | 1        | 0        |
| Total TICs                 |             | ND       | ND        |           | 6 J      | ND       |
| TAL Metals                 |             |          |           |           |          |          |
| Aluminum                   | NC          | 527      | 2,000     |           | 1,440    | 369      |
| Antimony                   | 3           | ND       | 2.7 B     |           | ND       | 1.8 B    |
| Arsenic                    | 25          | 3.5 B    | ND        |           | 1.7 B    | 8.2 B    |
| Barium                     | 1,000       | 72.2 B   | 19.3 B    |           | 46.1 B   | 67.6 B   |
| Beryllium                  | 3           | ND       | ND        |           | ND       | ND       |
| Cadmium                    | 5           | 1.5 B    | 0.75 B    |           | 4.4 B    | 2.8 B    |
| Calcium                    | NC          | 33,800   | 19,600    |           | 11,100   | 17,000   |
| Chromium                   | 50          | 607      | 62.2      |           | 50.1     | 1,130    |
| Cobalt                     | NC          | 11.3 B   | 2.2 B     |           | 2.7 B    | 24.3 B   |
| Copper                     | 200         | 16 B     | 17.5 B    |           | 18.5 B   | 67.9     |
| Iron                       | 300         | 3,780    | 1,950     |           | 1,510    | 2,810    |
| Lead                       | 25          | 4.1 B    | 2.8 B     |           | ND       | 4.9 B    |
| Magnesium                  | 35,000      | 5,070    | 3,430     |           | 3,560    | 3,050    |
| Manganese                  | 300         | 7,140    | ,<br>81.6 |           | 30.7 B   | 746      |
| Nickel                     | 100         | 160      | 46.1 B    |           | 22.4 B   | 1,290    |
| Potassium                  | NC          | 2,390    | 2,210     |           | 1,940    | 2,980    |
| Selenium                   | 10          | 1.7 B    | ND        |           | ND       | 3.1 B    |
| Sodium                     | 20,000      | 59,600   | 17,800    |           | 23,700   | 62,500   |
| Thallium                   | 0.5         | 32.3     | ND        |           | ND       | 5 B      |
| Vanadium                   | NC          | 2.6 B    | 1.1 B     |           | 2.7 B    | 2.1 B    |
| Zinc                       | 2,000       | 45.6 B   | 53.6      |           | 80.9     | 35.2 B   |
|                            |             |          |           |           |          |          |

ND - Not detected

B - Estimated value

D - Dilution

J - Estimated value

**BOLD/ITALICS** - exceeds criterion

TABLE 4
SERVALL LAUNDRY SITE (SITE 1-52-077)
SUMMARY OF VOCs AND METALS IN GROUNDWATER

| Sample Location            | NYSDEC      | MW-13        | MW-14    | MW-16    | MW-23S    | MW-23D      |
|----------------------------|-------------|--------------|----------|----------|-----------|-------------|
| Sample ID                  | Class GA    | SMW-13       | SMW-14   | SMW-16   | SMW-23S   | SMW-23D     |
| Laboratory ID              | Groundwater | E0832-02     | E0832-03 | E0832-04 | E0773-20  | E0773-21    |
| Sample Date                | Criteria    | 6/15/06      | 6/15/06  | 6/15/06  | 6/8/06    | 6/8/06      |
| Matrix                     | water       | water        | water    | water    | water     | water       |
| Units                      | μg/L        | μg/L         | μg/L     | μg/L     | μg/L      | μg/L        |
|                            |             | conc. Q      | conc. Q  | conc. Q  | conc. Q   | conc. Q     |
| Volatile Organic Compounds |             |              |          |          |           |             |
| 1,1-Dichloroethene         | 5           | ND           | ND       | 4 J      | ND        | ND          |
| Acetone                    | 50          | 4 J          | ND       | ND       | ND        | ND          |
| Methyl tert-butyl ether    |             | ND           | ND       | 2 J      | ND        | ND          |
| cis-1,2-Dichloroethene     | 5           | ND           | ND       | 15       | 360 D     | ND          |
| 1,1,1-Trichloroethane      | 5           | ND           | ND       | 5        | ND        | ND          |
| Trichloroethene            | 5           | 3 J          | ND       | 16       | 220 D     | ND          |
| Tetrachloroethene          | 5           | 5            | ND       | 25       | 5,200 D   | 4 J         |
| Chlorobenzene              | 5           | ND           | ND       | ND       | ND        | ND          |
| 1,2-Dichlorobenzene        | 4.7         | ND           | ND       | ND       | ND        | ND          |
| Number of TICs             |             | 0            | 0        | 0        | 2         | 1           |
| Total TICs                 |             | ND           | ND       | ND       | 1,250 NJD | 6 J         |
| TAL Metals                 |             |              |          |          |           |             |
| Aluminum                   | NC          | 38.5 B       | 139 B    | 534      | 253       | 7,130       |
| Antimony                   | 3           | <b>6.3</b> B | 2.7 B    | ND       | ND        | 1.4 B       |
| Arsenic                    | 25          | 1.7 B        | ND       | 7 B      | ND        | 2.5 B       |
| Barium                     | 1,000       | 55.5 B       | 48.6 B   | 13.6 B   | 25.6 B    | 77.8 B      |
| Beryllium                  | 3           | ND           | ND       | ND       | ND        | 0.6 B       |
| Cadmium                    | 5           | 3.8 B        | 1.3 B    | 0.71 B   | ND        | ND          |
| Calcium                    | NC          | 18,200       | 7,550    | 9,750    | 17,800    | 14,800      |
| Chromium                   | 50          | 12.2 B       | 49.9     | 1,660    | 0.66 B    | ,<br>12.2 B |
| Cobalt                     | NC          | 1.3 B        | 1.3 B    | 4 B      | 2 B       | 5 B         |
| Copper                     | 200         | 8.3 B        | ND       | 8.6 B    | 8.5 B     | 27.2 B      |
| Iron                       | 300         | 153 B        | 449      | 7,270    | 133 B     | 3,800       |
| Lead                       | 25          | 2.1 B        | 1.7 B    | 2.8 B    | ND        | ND          |
| Magnesium                  | 35,000      | 8,570        | 3,540    | 4,790    | 6,830     | 2,440       |
| Manganese                  | 300         | 108          | 25.6 B   | 51.8     | 1,570     | 109         |
| Nickel                     | 100         | 12 B         | 24.3 B   | 125      | 15 B      | 7.6 B       |
| Potassium                  | NC          | 1,310        | 1,550    | 1,040    | 1,340     | 3,270       |
| Selenium                   | 10          | ND           | 1.4 B    | 2.2 B    | ND        | ND          |
| Sodium                     | 20,000      | 35,700       | 60,500   | 24,500   | 28,700    | 16,200      |
| Thallium                   | 0.5         | 1.7 B        | 1.3 B    | ND       | 7.8 B     | 1.3 B       |
| Vanadium                   | NC          | 0.6 B        | ND       | 6.4 B    | ND        | 14.5 B      |
| Zinc                       | 2,000       | 28.9 B       | 22.2 B   | 25.9 B   | 15.2 B    | 53.8        |
|                            |             |              |          |          |           |             |

ND - Not detected

B - Estimated value

D - Dilution

J - Estimated value

**BOLD/ITALICS** - exceeds criterion

TABLE 5
SUMMARY OF HISTORIC TETRACHLOROETHENE CONCENTRATIONS IN SELECTED MONITORING WELLS
SERVALL LAUNDRY SITE (SITE 1-52-077)

|           | MW-3A  | MW-4 | MW-5 | MW-6A | MW-6B     | MW-11 | MW-12 | MW-13    | MW-14 | MW-16   | MW-23S  | MW-23D |
|-----------|--------|------|------|-------|-----------|-------|-------|----------|-------|---------|---------|--------|
| June 2006 | ND     | ND   | ND   | ND    | 1,100 D   | 56    | 17    | 5        | ND    | 25      | 5,200 D | 4 J    |
| May 2004  | NA     | NA   | NA   | NA    | NA        | NA    | 7     | 0.3 J    | ND    | 410 E   | 4       | 0.6 J  |
| July 2000 | ND     | NA   | ND   | ND    | 160       | 96    | 820 D | 6 J      | ND    | 1,600 D | 27      | 8 J    |
| Jan 1999  | NA     | ND   | 3 J  | 1 J   | 22 J      | 290 J | 6 J   | 4 J      | ND    | NA      | 29 J    | 3 J    |
| Jan 1998  | ND     | 4    | ND   | 2     | 11,000    | 20    | 2     | ND       | ND    | 450     |         | ND     |
| Dec 1995  | 0.34 J | ND   | NA   | ND    | 8,400 E   | 800   | NA    | 230      | NA    | 1,700 E | 7.8     | ND     |
| Mar 1990  | ND     | ND   | ND   | 100   | 13,000 DJ | 5,900 | ND    | 4,600 JD | ND    | 960 JD  | NA      | NA     |
| Feb 1990  | ND     | ND   | ND   | 48    | 14,000    | 8,900 | ND    | 5,800 D  | ND    | 260     | NA      | NA     |

### Notes

ND - Not detected

NA - Not sampled or data not available

E - Concentration exceeded the QC criterion, no dilution run data found

D - Dilution

J - Estimated concentration

The data presented in this table is a compilation of data available at the time of this report and is not a comprehensive listing of all data collected.

May 2004 - Data is very confusing. It is difficult to establish which well is presented on the Form 1s.

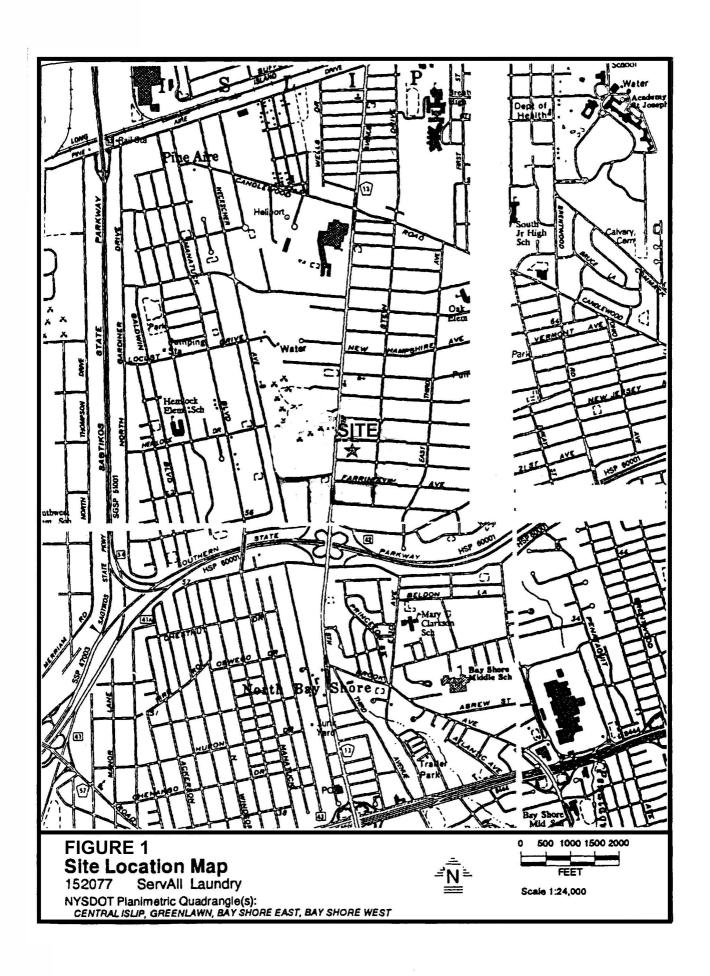
(taken from report.hw152077.2004-05.GW04.pdf)

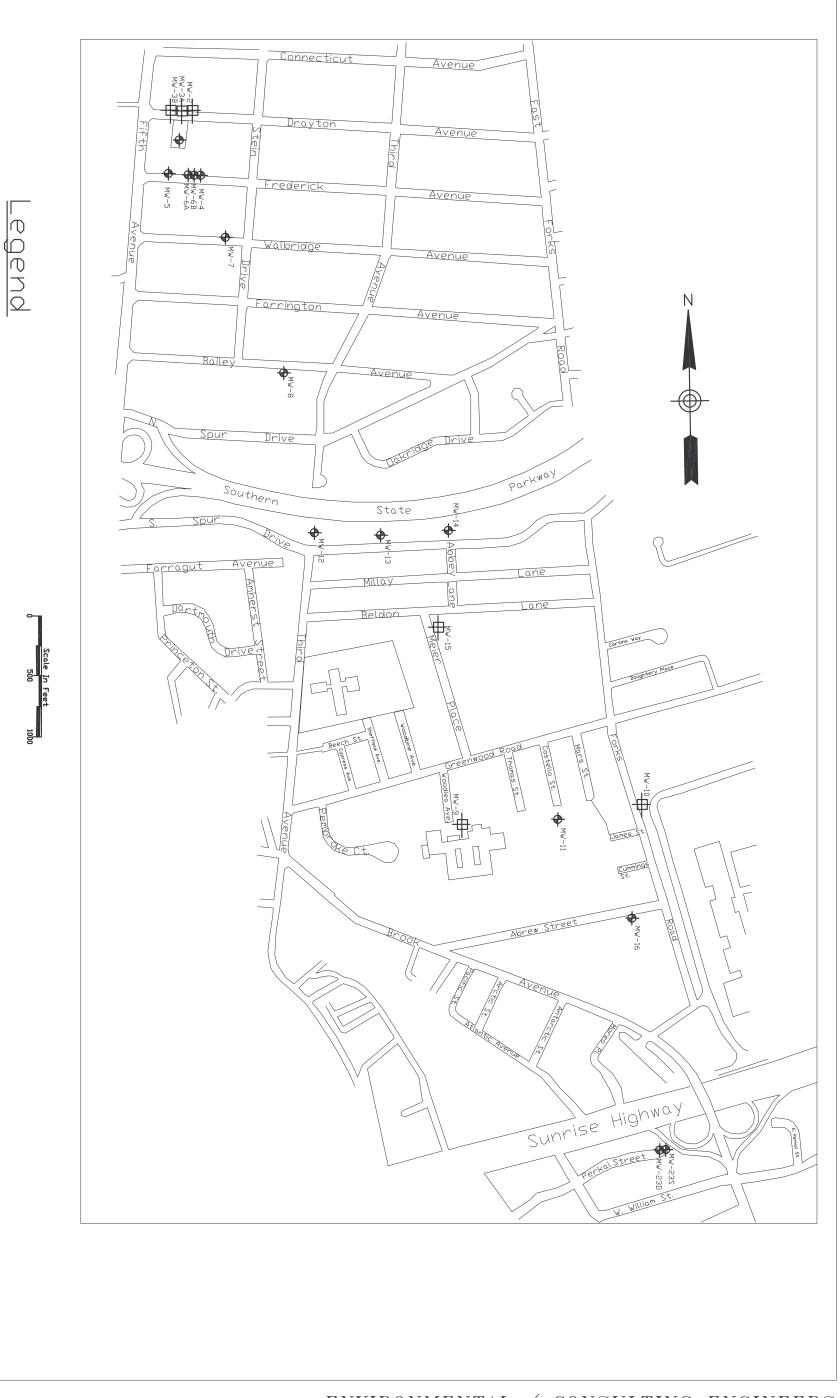
July 2000 data from H2M Labs, (ServAll data Summary July 2000.pdf)

January 1999 & January 1998 (Harding Lawson, 1999 groundwater Sampling Technical Memorandum (ServAll 1999 gw sampling.pdf)

December 1995 data from Plume Discharge Study (ServAll December 1995.pdf)

February and March 1990 data from E.C. Jordan, RI/FS 1992 (ServAll jan 1992.pdf)





300 BROADACRES DRIVE BLOOMFIELD, NJ 07003

## ENVIRONMENTAL / CONSULTING ENGINEERS

| DRAWING NO. Figure 2 | PROJECT NO. 95900.04 | DATE: 10/19/2006 | SCALE: As Shown | CHECKED BY: PK | DRAWN BY: KDS | Site Plan | DRAWING TITLE: |  |
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Monitoring Well
Damaged or Missing Monitoring Well

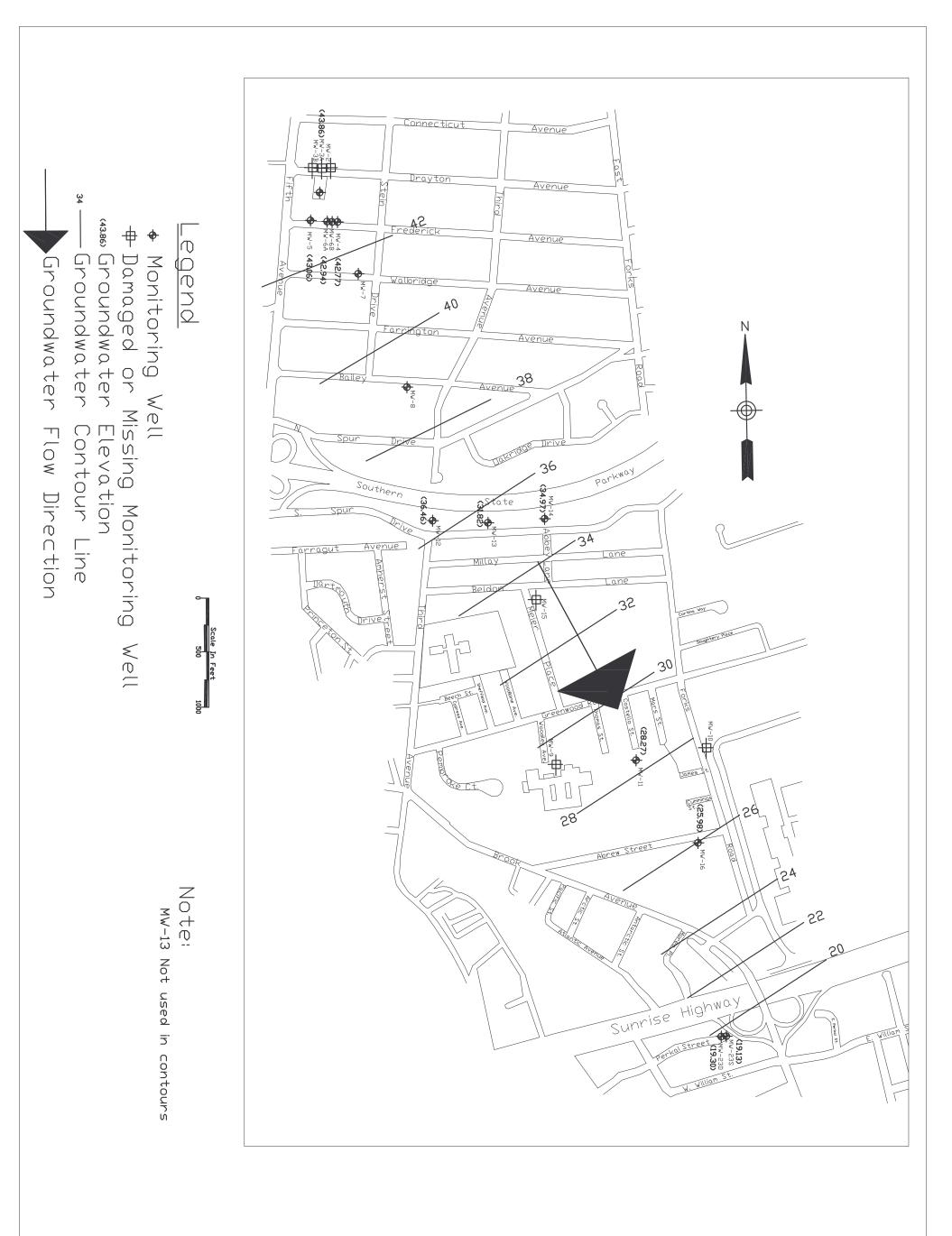
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| Albany, New York                                  |
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300 BROADACRES DRIVE BLOOMFIELD, NJ 07003

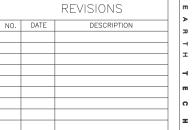
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| DRAWING NO. Figure 3 | PROJECT NO. 95900.04 | DATE: 10/19/2006 | SCALE: As Shown | CHECKED BY: PK                          | DRAWN BY: KDS |    | June 15, 2006 | Orona de la companya | DRAWING TITLE: |

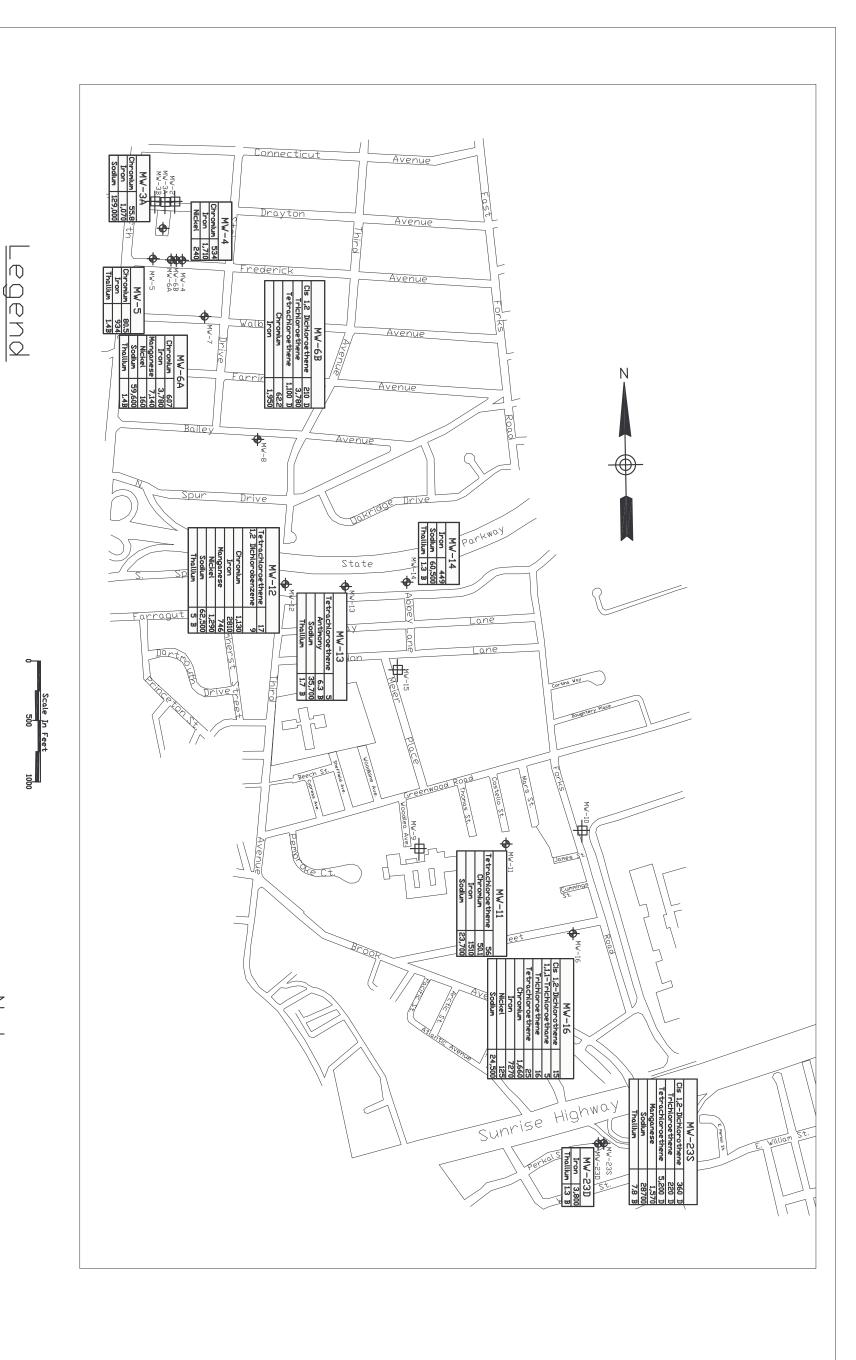
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| New York Department of Environmental Conservation |
| Albany, New York                                  |
|   |







Note: All results micrograms per

♦ Monitoring Well
₱ Damaged or Missing Monitoring Well

300 BROADACRES DRIVE BLOOMFIELD, NJ 07003

## ENVIRONMENTAL / CONSULTING ENGINEERS

| DRAWING NO. Figure 4 | PROJECT NO. 95900.04 | DATE: 10/19/2006 | SCALE: As Shown | CHECKED BY: PK | DRAWN BY: KDS | Summary of VOCs and<br>TAL Metals in Groundwater<br>June 15, 2006 | DRAWING TITLE: |
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| West Islip, New York   |
| CLIENT:  |
| New York Department of Environmental Conservation  |
| Albany, New York   |
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## APPENDIX A WELL SAMPLING FORMS

Earth Tech Northeast, Inc.

October 2006



|          |               | ernational Ltd.  |              | PROJECT             |              |         |        |                         | PROJECT No.                   | SHEET                    | SHEETS |
|----------|---------------|------------------|--------------|---------------------|--------------|---------|--------|-------------------------|-------------------------------|--------------------------|--------|
| WELL     |               | LING FO          | RM           | MULTI S             | ITE-G        |         |        | DATE WELL S             | 87616 / 04                    | 1 OF DATE WELL COMPLETED | 1      |
|          |               | Iry Site, B      | ay Sho       | re, NY #1           | -52-077      | 7       |        | 6/6/06                  |                               | 6/6/06                   |        |
| New Y    | ork Sta       | te Depart        | ment of      | f Environn          | nental (     | Conser  | vation | Kevin Se<br>signature o | ise, Jason Kl<br>of INSPECTOR | ein                      |        |
| ONE WELI | L VOLUME      | : 9.96           |              |                     | WELL TD:     | 81.93   |        |                         | PUMP I                        | NTAKE DEPTH:             |        |
|          | Depth<br>to   | Purge            |              |                     | LD MEAS      | SUREME  |        | _                       |                               |                          |        |
| Time     | Water<br>(ft) | Rate<br>(ml/min) | Temp.<br>(C) | Conduct.<br>(ms/cm) | DO<br>(mg/L) | pН      | ORP    | Turbidity<br>(ntu)      |                               | REMARKS                  |        |
|          | 20.68         | (,               | 17.24        |                     | 47.8         | 7.6     | 88.3   | 463                     |                               |                          |        |
| 14:00    | 20.00         |                  | 15.37        | 721                 | 3.3          | 6.29    | 131    | 127                     | Purae Volun                   | ne 29.88 gal.            |        |
|          |               |                  |              |                     |              |         |        |                         | i si ga i si si si            |                          |        |
|          |               |                  |              |                     |              |         |        |                         | Well box des                  | stroyed                  |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
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|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
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|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
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|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
|          |               |                  |              |                     |              |         |        |                         |                               |                          |        |
| Pump     | Туре:         | Waterra          | HydroL       | ift pump v          | vith blac    | ck poly | tubing | and a foot              | tvalve                        |                          |        |
| Analyt   | ical Par      | ameters:         |              | VOCs, T             | AL meta      | als     |        |                         |                               |                          |        |



|                    |  | ernational Ltd.                                  |  | PROJECT  |  |          |  |  | PROJECT No.                                      | SHEET         | SHEETS |
|--------------------|--|--|--|--|--|----------|--|--|--|---------------|--------|
|                    |  | LING FOR   | RM   | MULTI S  | ITE-G  |          |  | -  | 87616 / 04                                       | 1 оғ          | 1      |
| LOCATION<br>ServAl |  | Iry Site, B                                      | ay Sho   | re, NY #1  | -52-077  | •        |  | 6/16/06  | ;  | 6/16/06       |        |
| New Y              | ork Sta  | te Depart  | ment of  | f Environn                                       | nental (   | Conser   |  | Kevin Se   | eise, Jason Kl                                   | lein          |        |
| DRILLING           | COMPANY  |  |  |  |  |          |  | SIGNATURE O                                      | OF INSPECTOR                                     |               |        |
| ONE WELL           | L VOLUME :                                       | : 10.32  |  |  | WELL TD:   |          |  |  | PUMP I   | INTAKE DEPTH: |        |
|                    | Depth<br>to                                      | Purge  |  | FIEI   | LD MEAS  | UREME    | NTS  |  |  |               |        |
| Time               | Water<br>(ft)                                    | Rate<br>(ml/min)                                 | Temp.<br>(C)                                     | Conduct.<br>(ms/cm)                              | DO<br>(mg/L)                                     | рН       | ORP  | Turbidity<br>(ntu)                               |  | REMARKS       |        |
|                    | 20.34  |  | 16.67  | 0.136  | 10.07  | 6.74     | 165.5  |  |  |               |        |
| 11:20              |  |  | 15.76  |  | 7.98   | 5.46     | 215.2  | 3.42   | Purge Volun                                      | ne 30.96 gal. |        |
|                    |  |  |  |  |  |          |  |  |  |               |        |
|                    |  |  |  |  |  |          |  |  | Well box des                                     | stroyed       |        |
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|                    | <b></b>  | <u> </u>   | <b></b> '  | <u> </u>   | igwdown  | ļ        | <b></b> '  | <b></b>  | <u> </u>   |               |        |
|                    | <b></b>  | <u> </u>   | <b> </b> '                                       | <u> </u>   | igwdown  | <u> </u> | <u> </u>   | <del>                                     </del> | <b></b>  |               |        |
|                    | $igwdsymbol{\sqcup}$                             | <u> </u>   | <b> </b> !                                       | <b> </b>   | $\longmapsto$                                    | <u> </u> | <b></b> '  | <b></b>  | <u> </u>   |               |        |
|                    | igwdot   | <u> </u>   | <b> </b> '                                       | <b> </b>   | $\longmapsto$                                    | <u> </u> | <del> </del>                                     | <del> </del>                                     | <u> </u>   |               |        |
|                    | igwdot   | <del></del>                                      | <b> </b>   | <b></b> '  | $\longrightarrow$                                | <b></b>  | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     |               |        |
|                    | $\vdash \vdash \vdash$                           | <del> </del>                                     | <del></del>                                      | <b> </b>   | ++   | <u> </u> | <del> </del> '                                   | <del> </del>                                     | <del> </del>                                     |               |        |
|                    | <del></del>                                      | <u> </u>   | <del> </del>                                     | <del> </del>                                     | $\vdash$   |          | <del>                                     </del> | <del>                                     </del> | +  | _             |        |
|                    | <del>                                     </del> | <del></del>                                      | <del> </del>                                     | <del> </del>                                     | <del>                                     </del> |          | <del>                                     </del> | <del></del>                                      | +  |               |        |
|                    | $\vdash \vdash \vdash$                           | <del>                                     </del> | <del> </del>                                     | <del> </del>                                     | $\vdash$   |          | <del> </del>                                     | <del> </del>                                     | +  |               |        |
|                    | $\vdash \vdash \vdash$                           | <del></del>                                      | $\vdash$   | <b>—</b>   |  |          | <del>                                     </del> | <del>                                     </del> | +  |               |        |
|                    | $\vdash$   | <del></del>                                      | <del>                                     </del> | <del>                                     </del> |  |          | <del>                                     </del> |  | +  |               |        |
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|                    | igsquare   | <u>'</u>   | <u> '</u>  | <u> </u>   | ш  | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   |               |        |
| Pump               | Type:  | Centrifuç  | jal pum  | p with bla                                       | ck poly  | tubing   |  |  |  |               |        |
| Analyti            | cal Par  | ameters:   |  | VOCs, T  | AL meta  | als      |  |  |  |               |        |



| A LY               |               | ernational Ltd.        |                | PROJECT             |   |   |  |  | PROJECT No.                                      | SHEET SHEETS  |  |
|--------------------|---------------|------------------------|----------------|---------------------|---|---|--|--|--|---------------|--|
|                    |               | LING FOR               |                | MULTI S             | ITE-G   |   |  |  | 87616 / 04                                       | 1 of 1        |  |
| LOCATION<br>ServAl |               | Iry Site, B            | ay Sho         | re, NY #1           | -52-077   | <u></u>                                       |  | 6/15/06  |  | 6/15/06       |  |
| New Y              | ork Sta       | te Depart              | ment of        | f Environn          | nental C  | Conserv                                       |  | Kevin Se   | pise, Jason Klein<br>of Inspector                |               |  |
| ONE WELL           | VOLUME :      | : 10.32                |                |                     | WELL TD:  | 84.25   |  | PUMP INTAKE DEPTH:                               |  |               |  |
|                    | Depth         | Purge                  |                | FIELD MEASUREMENTS  |   |   |  | T =  | 2544540  |               |  |
| Time               | Water<br>(ft) | Rate<br>(ml/min)       | Temp.<br>(C)   | Conduct.<br>(ms/cm) | DO<br>(mg/L)  | pН  | ORP  | Turbidity<br>(ntu)                               |  | REMARKS       |  |
|                    | 20.98         | (,                     | 16.75          |                     | 9.81  | 6.6   | 167.5  |  |  |               |  |
| 14:00              | 20.00         |                        | 16.76          | 0.192               | 9.87  | 6.04  | 190.8  |  | Purge Volum                                      | ne 30 96 gal  |  |
| 1 1.00             |               |                        | 10.70          | 0.102               | 0.07  | <del>- 0.0 .</del>                            | 100.0  | 1.00   | r argo volan                                     | 10 00.00 ga.i |  |
|                    |               |                        |                |                     |   | $\overline{}$                                 |  |  | <del> </del>                                     |               |  |
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|                    |               | <del> </del>           | <del> </del> - | <del> </del>        | <del>                                     </del>                                  | <b></b> '                                     | <u> </u> '                                       | <u> </u>   | <del>                                     </del> |               |  |
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|                    |               |                        |                |                     |   |   |  |  |  |               |  |
| Pump               | Туре:         | Centrifuç              | gal pum        | p with bla          | ck poly   | tubing  |  |  |  |               |  |
|                    |               | ameters:               |                | VOCs, T             |   |   |  |  |  |               |  |



|                    |   | ernational Ltd.                                  |  | PROJECT  |                   |               |  |  | PROJECT No.    | SHEET          | SHEETS |
|--------------------|---|--|--|--|-------------------|---------------|--|--|----------------|----------------|--------|
|                    |   | LING FO  | RM   | MULTI S  | ITE-G             |               |  |  | 87616 / 04     | 1 оғ           | 1      |
| LOCATION<br>ServAl |   | Iry Site, B                                      | ay Sho   | re, NY #1  | <u>-52-077</u>    | ,             |  | 6/15/06  | ;              | 6/15/06        |        |
| New Y              | ork Sta   | te Depart  | ment of  | f Environn                                       | nental (          | Conser        | vation   | Kevin Se   | eise, Jason Kl | lein           |        |
| DRILLING           | COMPANY   |  |  |  |                   |               |  | SIGNATURE C                                      | OF INSPECTOR   |                |        |
| ONE WELL           | L VOLUME :  | : 8.76   |  |  | WELL TD:          | 62.40         |  |  | PUMP I         | INTAKE DEPTH:  |        |
|                    | Depth<br>to   | Purge  |  | FIE  | LD MEAS           | UREME         | NTS  |  |                |                |        |
| Time               | Water<br>(ft)   | Rate<br>(ml/min)                                 | Temp.<br>(C)                                     | Conduct.<br>(ms/cm)                              | DO<br>(mg/L)      | pН            | ORP  | Turbidity<br>(ntu)                               |                | REMARKS        |        |
|                    | 20.93   | (1111/11111)                                     | 15,98  | 0.461  | 7.14              | 6.22          | 187.2  |  | <u> </u>       |                |        |
| 13:25              | 20.00   |  | 15.99  | 0.465  | 6.72              | 6.21          | 188.3  |  | Purge Volun    | ne 20.30 gal.  |        |
| 10.20              |   |  | 10.00  | 0.100  | 0.72              | 0.21          | 100.0  | 2.10   | l argo voian   | 110 20.00 gai. |        |
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|                    | <u> </u>  | <u> </u>   | <u> </u> !                                       | <u> </u>   | <u> </u>          | <u> </u>      | <u> </u>   | <u> </u>   | <u> </u>       |                |        |
|                    | igsquare  | <b>└</b>   | <u> </u> '                                       | <b></b> '  | igsquare          | <u> </u>      | <u> </u>   | <del> </del>                                     | <u> </u>       |                |        |
|                    | <b></b>   | <del>                                     </del> | <u> </u> '                                       | <u> </u>   | <b></b>           | <b></b> '     | <del> </del>                                     | <del> </del>                                     | <u> </u>       |                |        |
|                    | <b></b>   | <b></b>  | <u> </u> !                                       | <u> </u>   | <b>  </b>         | <u></u> '     | <b></b>  | <del> </del>                                     | <u> </u>       |                |        |
|                    | igwdown   | <b></b>  | <u> </u> !                                       | <u> </u>   | <b>  </b>         | <u></u> '     | <b>ļ</b>   | <u> </u>   | <u> </u>       |                |        |
|                    | $igwdsymbol{\sqcup}$  | <del> </del>                                     | <b> </b> '                                       | ļ'   | igwdown           | <u></u> '     | <del> </del>                                     | <del> </del>                                     | <u> </u>       |                |        |
|                    | igwdot  | <del></del>                                      | <b> </b>   | <u> </u>   | $\vdash$          | <del></del> ' | <del> </del>                                     | <del>                                     </del> | <del> </del>   |                |        |
|                    | <b></b>   | <del> </del>                                     | <b> </b>   | <u> </u>   | $\longrightarrow$ | <del></del> ' | <del> </del>                                     | <del>                                     </del> | <del> </del>   |                |        |
|                    | $\vdash \!$ | <del> </del>                                     | <b> </b>   | <del> </del>                                     | $\vdash$          | <del></del>   | <del> </del>                                     | <del> </del>                                     | <del> </del>   |                |        |
|                    | $\vdash \vdash \vdash$  | <del> </del>                                     | <del> </del> -                                   | <del> </del>                                     | ++                | <del></del>   | ├──  | <del> </del>                                     | <del> </del>   |                |        |
|                    | <del></del>   | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | $\vdash$          | <u> </u>      | <del> </del>                                     | <del>                                     </del> | +              | _              |        |
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|                    | $\vdash$  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | $\vdash$          |               | <del>                                     </del> | <del> </del>                                     | +              |                |        |
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|                    | l—  | <u> </u>   |  |  |                   |               |  |  | .1             |                |        |
| Pump               | Type:   | Centrifuç  | jal pum  | p with bla                                       | ck poly           | tubing        |  |  |                |                |        |
| Analyti            | cal Par   | rameters:  |  | VOCs, T  | AL meta           | als           |  |  |                |                |        |



| ^                  |             | ernational Ltd. | Company   | PROJECT    |           |  |          |             | PROJECT No.    | SHEET SHEETS  |  |  |
|--------------------|-------------|-----------------|-----------|------------|-----------|--|----------|-------------|----------------|---------------|--|--|
|                    |             | LING FO         | RM        | MULTI S    | ITE-G     |  |          |             | 87616 / 04     | 1 of 1        |  |  |
| LOCATION<br>ServAl |             | Iry Site, B     | ay Sho    | re, NY #1  | -52-077   | 7  |          | 6/15/06     | ;              | 6/15/06       |  |  |
| New Y              | ork Sta     | te Depart       | ment of   | f Environn | nental (  | Conserv                                      | vation   |             | eise, Jason Kl | ein           |  |  |
| DRILLING           | COMPANY     |                 |           |            |           |  |          | SIGNATURE O | OF INSPECTOR   |               |  |  |
| ONE WELL           | L VOLUME :  | : 1.74          |           |            | WELL TD:  |  |          |             | PUMP I         | INTAKE DEPTH: |  |  |
|                    | Depth<br>to | Purge           |           |            | LD MEAS   |  |          |             |                |               |  |  |
| Time               | Water       | Rate            | Temp.     |            |           |  |          |             |                | REMARKS       |  |  |
|                    | (ft)        | (ml/min)        | (C)       | (ms/cm)    | (mg/L)    |  | 4040     | (ntu)       | <u> </u>       |               |  |  |
| 10.45              | 20.89       | <u> </u>        | 15.4      | 0.164      | 6.64      | 6.07   | 184.8    |             | D. vi a Valore | 5.041         |  |  |
| 13:45              | igsquare    | <u> </u>        | 15.74     | 0.16       | 6.46      | 6.03   | 183.1    | 8.52        | Purge Volum    | ne 5.24 gai.  |  |  |
|                    | <b></b> _   | <u> </u>        | <u> </u>  | <u> </u> ! | <b></b>   | <u> </u>                                     | <b>ļ</b> | <b> </b> '  | <del> </del>   |               |  |  |
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|                    | igwdown     | <b></b> '       | <u> </u>  | <u> </u>   | <b></b> _ | <u></u> '                                    | <b></b>  | <u> </u>    | <u> </u>       |               |  |  |
|                    | igwdapprox  | <b> </b>        | <b></b> ' | <u> </u> ! | <b></b> _ | <u> </u>                                     | <b>ļ</b> | <u> </u>    | <u> </u>       |               |  |  |
|                    | igwdows     | <b> </b>        | <b></b> ' | <u> </u> ' | <b></b>   | <u> </u>                                     | <b>ļ</b> | <u> </u>    | <u> </u>       |               |  |  |
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|                    | igsquare    | <u> </u>        | <u> </u>  | <u> </u>   | <b></b>   | <u> </u>                                     | <b>ļ</b> | <u> </u>    | <b></b>        |               |  |  |
|                    | igsquare    | <u> </u>        | <u> </u>  | <u> </u>   | <b></b>   | <u> </u>                                     | <b>ļ</b> | <u> </u>    | <b></b>        |               |  |  |
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|                    | igsquare    | <u> </u>        | <b></b> ' | <u> </u> ' |           | <u> </u>                                     | <u> </u> | <u> </u>    | <u> </u>       |               |  |  |
|                    | igsquare    | <u> </u>        | <u> </u>  | <u> </u>   | <u> </u>  | <u> </u>                                     | <u> </u> | <u> </u>    | <u> </u>       |               |  |  |
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|                    |             |                 |           |            |           |  | j        |             |                |               |  |  |
|                    |             |                 |           |            |           |  |          |             | †              |               |  |  |
|                    |             |                 |           |            |           |  |          |             | †              |               |  |  |
| Pump               | Tvne:       | Centrifuc       | nug lar   | p with bla | ck poly   | tubina                                       |          |             | 1              |               |  |  |
|                    |             | ameters:        |           | VOCs, T    |           |  |          |             |                |               |  |  |
| Allalyti           | cai i ai    | ameters.        |           | VOC3, 17   | AL IIIGU  | حاد  |          |             |                |               |  |  |



|                    |   | ernational Ltd.                                  |  | PROJECT  |                  |          |  |  | PROJECT No.    | SHEET          | SHEETS |
|--------------------|---|--|--|--|------------------|----------|--|--|----------------|----------------|--------|
|                    |   | LING FO  | RM   | MULTI S  | ITE-G            |          |  |  | 87616 / 04     | 1 оғ           | 1      |
| LOCATION<br>ServAl |   | Iry Site, B                                      | ay Sho   | re, NY #1  | <u>-52-077</u>   | •        |  | 6/8/06   | 5              | 6/8/06         |        |
| New Y              | o <u>rk Sta</u>   | te Depart  | ment of  | f Environn                                       | n <u>ental C</u> | Conser   | vation   | Kevin Se   | eise, Jason Kl | lein           |        |
| DRILLING           | COMPANY   |  |  |  |                  |          |  | SIGNATURE C                                      | OF INSPECTOR   |                |        |
| ONE WELL           |   | : 13.095   |  |  | WELL TD:         |          |  |  | PUMP           | INTAKE DEPTH:  |        |
|                    | Depth<br>to   | Purge  |  | FIEI   | LD MEAS          | UREME    | NTS  |  | T              |                |        |
| Time               | Water   | Rate<br>(ml/min)                                 | Temp.  |  |                  | рН       | ORP  | Turbidity  | -              | REMARKS        |        |
|                    | (ft)<br>8.8   | (1111/11111)                                     | ( <b>C</b> )                                     | (ms/cm)<br>0.13                                  | (mg/L)<br>8.84   | 6.24     | 224.6  | (ntu)<br>2.17                                    | +              |                |        |
| 13:00              | 0.0   | <del>                                     </del> | 13.75  | 0.139  | 8.41             | 6.24     | 212.6  |  | Durge Volur    | me 39.28 gal.  |        |
| 13.00              | <del>                                     </del>                                  | <del></del>                                      | 13.75  | 0.100  | 0.41             | 0.1      | 212.0  | 1.00   | Fulge volum    | 116 39.20 yai. |        |
|                    | $\vdash \vdash \vdash$  | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     | +                |          | <del>                                     </del> | <del> </del>                                     | +              |                |        |
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|                    | <del></del>   | <del>                                     </del> | <del>                                     </del> |  |                  |          |  | <del>                                     </del> | †              |                |        |
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|                    | igsquare  | <u> </u>   | <u> </u>   | <u> </u>   |                  |          | ļ  | <u> </u>   | <u> </u>       |                |        |
|                    | igsquare  | <u> </u>   | <u> </u> '                                       | <b></b> '  |                  | <u> </u> | <u> </u> '                                       | <u> </u>   | <u> </u>       |                |        |
|                    | igsquare  | <b></b>  | <u> </u> '                                       | <b></b> '  | igsquare         | <b></b>  | <u> </u>   | <b>└</b>   | <u> </u>       |                |        |
|                    | <b></b>   | <u> </u>   | <u> </u> '                                       | <u> </u>   | <b>  </b>        | <b></b>  | <u> </u>   | <u> </u>   | <u> </u>       |                |        |
|                    | <b></b>   | <b></b>  | <b> </b> '                                       | <u> </u>   | <b>  </b>        |          | ļ  | <b></b>  | <del> </del>   |                |        |
|                    | igwdot  | <del></del>                                      | <u> </u> '                                       | <u> </u>   | $\vdash$         |          | <u> </u>   | <del>                                     </del> | <u> </u>       |                |        |
|                    | $\vdash \!$ | <del> </del>                                     | <b> </b>   | <del> </del>                                     | $\vdash$         |          | <u> </u>   | <del> </del>                                     | <del> </del>   |                |        |
|                    | $\vdash$  | <del> </del>                                     | <del> </del> '                                   | <del>                                     </del> | $\vdash$         |          | <del> </del>                                     | <del> </del>                                     | <del> </del>   |                |        |
|                    | $\vdash$  | <del></del>                                      | <del> </del>                                     | <del>                                     </del> | $\vdash$         |          |  | <del> </del>                                     | +              |                |        |
|                    | $\vdash \vdash \vdash$  | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     | +                |          | <del>                                     </del> | <del> </del>                                     | +              |                |        |
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|                    |   |  | <b> </b>   |  |                  | <u> </u> |  |  | †              |                |        |
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|                    |   |  |  |  |                  |          |  |  |                |                |        |
| Pump               | Type:   | Centrifuç  | gal pum  | p with bla                                       | ck poly          | tubing   |  |  |                |                |        |
| Analyti            | cal Par   | rameters:  |  | VOCs, T  | AL meta          | als      |  |  |                |                |        |



### A **tuco** International Ltd. Company

| ALY               |             | ernational Ltd. |  | PROJECT  |            |              |          |              | PROJECT No.                         | SHEET SHEETS        |
|-------------------|-------------|-----------------|--|--|------------|--------------|----------|--------------|-------------------------------------|---------------------|
| WELL              | SAMP        | LING FO         |  | MULTI S  | ITE-G      |              |          |              | 87616 / 04                          | 1 of 1              |
| LOCATION          | 1           |                 |  | •  |            |              |          | DATE WELL S  | STARTED                             | DATE WELL COMPLETED |
| ServAl            | I Laund     | Iry Site, B     | ay Sho   | re, NY #1  | -52-077    | <del>,</del> |          | 6/15/06      |                                     | 6/15/06             |
| CLIENT            | ork Sta     | to Donart       | mont of  | f Environr                                       | nantal (   | oneon        | ration   | NAME OF INSI | <sub>РЕСТОК</sub><br>eise, Jason Kl | oin                 |
| DRILLING          | COMPANY     | е рерап         | HIEHR OF   | f Environn                                       | lleritai C | יוםפווטכיי   | 7aliUii  | SIGNATURE C  | OF INSPECTOR                        | elii                |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
| ONE WELL          | _ VOLUME :  | : 12.28         |  |  | WELL TD:   | 89.40        |          |              | PUMP I                              | NTAKE DEPTH:        |
|                   | Depth<br>to | Purge           |  | FIEI   | LD MEAS    | SUREME       | NTS      |              |                                     |                     |
| Time              | Water       | Rate            | Temp.  | Conduct.   | DO         | рН           | ORP      | Turbidity    | 1                                   | REMARKS             |
|                   | (ft)        | (ml/min)        | (C)  | (ms/cm)  | (mg/L)     |              |          | (ntu)        |                                     |                     |
|                   | 14.15       |                 | 14.9   | 0.295  | 9.39       | 5.68         | 183.3    | 3.87         |                                     |                     |
| 9:15              |             |                 | 14.33  | 0.29   | 9.54       | 5.61         | 191.4    | 1.62         |                                     | ne 36.84 gal.       |
|                   |             |                 |  |  |            |              |          |              | Duplicate                           |                     |
|                   |             |                 | I  |  |            |              |          |              | MS                                  |                     |
|                   |             |                 |  |  |            |              |          |              | MSD                                 |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
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|                   |             |                 | <b> </b>   |  |            |              |          |              | 1                                   |                     |
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|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 | <del>                                     </del> |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 |  |  |            |              |          |              |                                     |                     |
|                   |             |                 | <u> </u>   | <del>                                     </del> |            |              | 1        | <del></del>  |                                     |                     |
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|                   | <u> </u>    |                 |  |  |            |              | <u> </u> |              | <u> </u>                            |                     |
| Pump <sup>1</sup> | Type:       | Centrifuç       | jal pum  | p with bla                                       | ck poly    | tubing       |          |              |                                     |                     |
| Analyti           | cal Par     | ameters:        |  | VOCs, T  | AL meta    | als          |          |              |                                     |                     |



|          |             | ernational Ltd. |         | PROJECT            | ITE O    |        |         |              | PROJECT No.        | SHEET SHEE    |  |  |
|----------|-------------|-----------------|---------|--------------------|----------|--------|---------|--------------|--------------------|---------------|--|--|
| WELL     |             | LING FO         | RM      | MULTI S            | ITE-G    |        |         | DATE WELL S  | 87616 / 04         | 1 of 1        |  |  |
| ServAl   |             | Iry Site, B     | ay Sho  | re, NY #1          | -52-077  | ,      |         | 6/15/06      |                    | 6/15/06       |  |  |
| CLIENT   |             |                 |         |                    |          |        | , atian | NAME OF INSI |                    | a in          |  |  |
| DRILLING | COMPANY     | te Depart       | ment of | Environi           | nentai C | onser  | ation   | SIGNATURE C  | ise, Jason KI      | ein           |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
| ONE WELI | L VOLUME    | : 12.88         |         |                    | WELL TD: | 97.43  |         |              | PUMP INTAKE DEPTH: |               |  |  |
|          | Depth<br>to | Purge           |         | FIELD MEASUREMENTS |          |        |         |              |                    |               |  |  |
| Time     | Water       | Rate            | Temp.   | Conduct.           | DO       | рН     | ORP     | Turbidity    |                    | REMARKS       |  |  |
|          | (ft)        | (ml/min)        | (C)     | (ms/cm)            | (mg/L)   | 7.04   | 105.1   | (ntu)        |                    |               |  |  |
| 0.50     | 18.51       |                 | 13.83   | 0.019              | 11.07    | 7.04   | 165.1   | 56.1         | Durge Velue        | 20.20 and     |  |  |
| 9:50     |             |                 | 14.82   | 0.307              | 8.23     | 5.66   | 206.1   | 13.8         | Purge volun        | ne 39.28 gal. |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         |                    |          |        |         |              |                    |               |  |  |
|          |             |                 |         | •                  |          |        | i       |              | <u> </u>           |               |  |  |
| Pump     | Type:       | Centrifug       | al pum  | p with bla         | ck poly  | tubing |         |              |                    |               |  |  |
| Analyti  | ical Par    | ameters:        |         | VOCs, T            | AL meta  | als    |         |              |                    |               |  |  |



|          |             | ernational Ltd. |         | PROJECT    | ITE O    |        |                    |              | PROJECT No.   |          | HEETS |
|----------|-------------|-----------------|---------|------------|----------|--------|--------------------|--------------|---------------|----------|-------|
| WELL     |             | LING FO         | RM      | MULTI S    | ITE-G    |        |                    | DATE WELL S  | 87616 / 04    | 1 of 1   | 1     |
| ServAl   |             | Iry Site, B     | ay Sho  | re, NY #1  | -52-077  | •      |                    | 6/15/06      |               | 6/15/06  |       |
| CLIENT   | ant Cta     | to Donort       |         | . Cardrana |          | `~~~   | .a4:a.a            | NAME OF INSI |               | a i a    |       |
| DRILLING | COMPANY     | te Depart       | ment of | Environi   | nentai C | onser  | ation              | SIGNATURE C  | ise, Jason KI | ein      |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
| ONE WELL | L VOLUME    | : 12.80         |         | WELL TD:   | 93.42    |        | PUMP INTAKE DEPTH: |              |               |          |       |
|          | Depth<br>to | Purge           |         |            | LD MEAS  |        |                    |              |               |          |       |
| Time     | Water       | Rate            | Temp.   | Conduct.   |          | рН     | ORP                | Turbidity    | REMARKS       |          |       |
|          | (ft)        | (ml/min)        | (C)     | (ms/cm)    | (mg/L)   | 5.00   | 405.4              | (ntu)        |               |          |       |
| 44.00    | 15.01       |                 | 13.47   | 0.286      | 9.85     | 5.93   | 195.4              | 38.6         | D 1/ 1        | 00.00    |       |
| 11:00    |             |                 | 13.78   | 0.27       | 8.44     | 5.74   | 210.1              | 27.7         | Purge Volun   | ne 38.38 |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          |             |                 |         |            |          |        |                    |              |               |          |       |
|          | •           |                 |         |            |          |        |                    |              |               |          |       |
| Pump     | Туре:       | Centrifug       | al pum  | p with bla | ck poly  | tubing |                    |              |               |          |       |
| Analyti  | ical Par    | ameters:        |         | VOCs, T    | AL meta  | als    |                    |              |               |          |       |



### A **tuco** International Ltd. Company

| A <b>LY</b> |                        | ernationai Ltd.                                  |          | PROJECT  |  |  |        |                        | PROJECT No.    | SHEET SHEETS        |  |  |
|-------------|------------------------|--|----------|--|--|--|--------|------------------------|----------------|---------------------|--|--|
| WELL        | SAMP                   | LING FO  |          | MULTI S  | ITE-G  |  |        |                        | 87616 / 04     | 1 of 1              |  |  |
| LOCATION    | N                      |  |          | •  |  |  |        | DATE WELL S            | STARTED        | DATE WELL COMPLETED |  |  |
| ServAl      | <u>I Laund</u>         | iry Site, B                                      | ay Sho   | re, NY #1  | <u>-52-077</u>                                   |  |        | 6/15/06<br>NAME OF INS |                | 6/15/06             |  |  |
| New Y       | ork Sta                | ite Depart                                       | ment of  | f Environr                                       | nental (   | Conser   | vation |                        | eise, Jason Kl | ein                 |  |  |
| DRILLING    | COMPANY                | to Dopart  |          | f Environn                                       | Torritar C                                       | 20110011   | ranon  | SIGNATURE C            | OF INSPECTOR   | <u> </u>            |  |  |
|             |                        |  |          |  |  |  |        |                        |                |                     |  |  |
| ONE WELL    | L VOLUME :             | : 13.62  |          |  | WELL TD:   | 94.01  |        |                        | PUMP I         | INTAKE DEPTH:       |  |  |
|             | Depth<br>to            | Purge  |          | FIE  | LD MEAS  | SUREME   | NTS    |                        |                |                     |  |  |
| Time        | Water                  | Rate   | Temp.    |  |  | рН   | ORP    | Turbidity              | 1              | REMARKS             |  |  |
|             | (ft)                   | (ml/min)   | (C)      | (ms/cm)  | (mg/L)   |  | 407.5  | (ntu)                  | <del> </del>   |                     |  |  |
| 11.00       | 10.52                  | <del>                                     </del> | 14.96    |  | 10.65  |  | 167.5  |                        | Dura Valua     | 22 40 00            |  |  |
| 11:00       | igwdapprox             | <u> </u>   | 14.56    | 0.202  | 9.75   | 6.03   | 188.1  | 1.62                   | Purge Volum    | ne 40.86            |  |  |
|             | $\vdash \vdash \vdash$ | <del> </del>                                     |          | <u> </u>   |  | <u> </u>   |        |                        | +              |                     |  |  |
|             | $\vdash \vdash \vdash$ | <del> </del>                                     | <u> </u> | <del> </del>                                     | <del>                                     </del> |  | -      | <u> </u>               | +              | _                   |  |  |
|             | $\vdash \vdash \vdash$ | <del>                                     </del> |          | <del>                                     </del> |  |  |        |                        | +              |                     |  |  |
|             | $\vdash$               | <del>                                     </del> |          |  |  |  |        |                        | +              |                     |  |  |
|             | $\vdash \vdash \vdash$ | <del>                                     </del> |          | <del> </del>                                     |  | <del></del>                                      | 1      | <del> </del>           | -              |                     |  |  |
|             | $\vdash$               |  |          |  |  |  |        |                        | 1              |                     |  |  |
|             |                        |  |          |  |  |  |        |                        |                |                     |  |  |
|             |                        |  |          |  |  |  |        |                        |                |                     |  |  |
|             |                        |  |          |  |  |  |        |                        |                |                     |  |  |
|             |                        |  |          |  |  |  |        |                        |                |                     |  |  |
|             |                        |  |          |  |  |  |        |                        |                |                     |  |  |
|             |                        |  |          |  |  |  |        |                        |                |                     |  |  |
|             |                        |  |          |  |  |  |        |                        |                |                     |  |  |
|             |                        |  |          |  |  |  |        |                        |                |                     |  |  |
|             |                        | <u> </u>   |          |  |  |  |        |                        |                |                     |  |  |
|             | <u>'</u>               |  |          |  |  | L  |        |                        |                |                     |  |  |
|             | <u> </u>               | <u> </u>   |          |  |  |  |        |                        |                |                     |  |  |
|             | <u> </u>               |  |          |  |  | <b></b> '  |        |                        |                |                     |  |  |
|             | igspace                | <b></b>  | <u> </u> | <u> </u>   |  | <u> </u>   |        |                        | <u> </u>       |                     |  |  |
|             | $igwdate{}$            | <del> </del>                                     | <u> </u> | <u> </u>   |  | <u> </u>   |        |                        |                |                     |  |  |
|             | igwdapprox igwedge     | <u> </u>   | <u> </u> | <u> </u>   | <b></b>  | <u> </u>   |        | <u> </u>               | <del> </del>   |                     |  |  |
|             | igwdapprox             | <u> </u>   | <u> </u> |  |  | <u> </u>   |        |                        | <u> </u>       |                     |  |  |
|             | $\vdash \vdash \vdash$ | <del> </del>                                     |          | <u> </u>   | <del>                                     </del> | <del>                                     </del> |        |                        |                |                     |  |  |
|             | $\vdash \vdash \vdash$ | <del> </del>                                     |          | <u> </u>   |  | <u> </u>   |        |                        | +              |                     |  |  |
|             | $\vdash \vdash \vdash$ | <del>                                     </del> |          | <del>                                     </del> |  |  |        |                        | +              |                     |  |  |
|             | $\vdash$               | <del>                                     </del> |          |  |  |  |        |                        |                |                     |  |  |
|             | $\vdash \vdash \vdash$ | <del>                                     </del> |          | <del> </del>                                     |  | <del></del>                                      | 1      | <del> </del>           | -              |                     |  |  |
|             | $\vdash$               |  |          |  |  |  |        |                        | 1              |                     |  |  |
|             |                        |  | <u>.</u> |  |  |  |        | <u> </u>               | 4              |                     |  |  |
| Pump        | Type:                  | Centrifuç  | jal pum  | p with bla                                       | ck poly  | tubing   |        |                        |                |                     |  |  |
| Analyti     | cal Par                | rameters:  |          | VOCs, T  | AL meta  | als  |        |                        |                |                     |  |  |



## WELL NO. SMW-23S

| _                |             | ernational Ltd. |          | PROJECT    |          |          |          |              | PROJECT No.                    | SHEET                    | SHEETS |
|------------------|-------------|-----------------|----------|------------|----------|----------|----------|--------------|--------------------------------|--------------------------|--------|
| WELL<br>LOCATION |             | LING FO         | RM       | MULTI S    | ITE-G    |          |          | DATE WELL S  | 87616 / 04                     | 1 of DATE WELL COMPLETED | 1      |
| ServAl           |             | dry Site, B     | ay Sho   | re, NY #1  | -52-077  | 7        |          | 6/8/06       |                                | 6/8/06                   |        |
| CLIENT           |             |                 |          |            |          |          |          | NAME OF INS  |                                |                          |        |
| DRILLING         | ORK Sta     | te Depart       | ment of  | Environr   | nentai ( | onser    | vation   | Kevin Se     | eise, Jason Kl<br>of INSPECTOR | ein                      |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
| ONE WELL         | - VOLUME    | : 10.43         |          |            | WELL TD: | 69.19    |          |              | PUMP I                         | NTAKE DEPTH:             |        |
|                  | Depth<br>to | Purge           |          | FIE        | LD MEAS  | SUREME   |          |              |                                |                          |        |
| Time             | Water       | Rate            | Temp.    | Conduct.   |          | рН       | ORP      | Turbidity    |                                | REMARKS                  |        |
|                  | (ft)        | (ml/min)        | (C)      | (ms/cm)    | (mg/L)   | 0.00     | 000.0    | (ntu)        |                                |                          |        |
| 45.45            | 5.25        |                 | 16.68    |            | 6.96     | 6.06     | 228.9    |              | 5 1/ 1                         | 04.00                    |        |
| 15:45            |             |                 | 15.93    | 0.078      | 6.78     | 6.03     | 224.3    | 1.62         | Purge Volun                    | ne 31.30                 |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          | -      |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
| -                |             | -               |          |            | -        |          | 1        | <del> </del> |                                |                          |        |
|                  |             |                 |          |            |          |          |          |              | 1                              |                          |        |
|                  |             |                 |          |            |          |          |          |              |                                |                          |        |
|                  |             | <u> </u>        | <u> </u> | <u> </u>   | <u> </u> | <u> </u> | <u> </u> | <u> </u>     | <u> </u>                       |                          |        |
| Pump             | Type:       | Centrifug       | al pum   | p with bla | ck poly  | tubing   |          |              |                                |                          |        |
| Analyti          | cal Par     | ameters:        |          | VOCs, T    | AL meta  | als      |          |              |                                |                          |        |



## **WELL NO. SMW-23D**

| _          |              | ernational Ltd. |                       | PROJECT          |                |        |        |                       | PROJECT No.                    | SHEET                    | SHEETS |
|------------|--------------|-----------------|-----------------------|------------------|----------------|--------|--------|-----------------------|--------------------------------|--------------------------|--------|
| WELL       |              | LING FO         | RM                    | MULTI S          | ITE-G          |        |        | DATE WELL S           | 87616 / 04                     | 1 of DATE WELL COMPLETED | 1      |
| ServAl     | I Laund      | Iry Site, B     |                       |                  |                |        |        | 6/8/06<br>NAME OF INS | PECTOR                         | 6/8/06                   |        |
| New Y      | ork Sta      | te Depart       | ment of               | f Environr       | nental (       | Conser | vation | Kevin Se              | eise, Jason Kl<br>of Inspector | ein                      |        |
| ONE WELL   | L VOLUME     | : 13.42         |                       |                  | WELL TD:       | 87.43  |        |                       | PUMP I                         | NTAKE DEPTH:             |        |
| <b>T</b> i | Depth        | Purge           | Ŧ                     |                  | LD MEAS        | _      |        | I would take          |                                | DEMARKO                  |        |
| Time       | Water        | Rate            | Temp.                 | Conduct.         |                | рН     | ORP    | Turbidity             |                                | REMARKS                  |        |
|            | (ft)<br>5.15 | (ml/min)        | ( <b>C</b> )<br>15.97 | (ms/cm)<br>0.164 | (mg/L)<br>3.44 | 5.93   | 234.1  | (ntu)<br>1.8          |                                |                          |        |
| 10.00      | 5.15         |                 |                       |                  |                |        |        |                       | Durana Malura                  | 40.00                    |        |
| 16:00      |              |                 | 12.77                 | 0.143            | 4.38           | 6.04   | 220.8  | 6.4                   | Purge Volun                    | ne 40.28                 |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  |                |        |        |                       |                                |                          |        |
|            |              |                 |                       |                  | ļ              |        |        | -                     |                                |                          |        |
|            |              |                 |                       |                  | ļ              |        |        | -                     |                                |                          |        |
|            |              |                 |                       |                  | ļ              |        |        | -                     |                                |                          |        |
| ļ          | ]            |                 |                       |                  | <u> </u>       |        | 1      | <u> </u>              | <u> </u>                       |                          |        |
| Pump       | Type:        | Centrifug       | al pum                | p with bla       | ck poly        | tubing |        |                       |                                |                          |        |
| Analyti    | ical Par     | ameters:        |                       | VOCs, T          | AL meta        | als    |        |                       |                                |                          |        |

## APPENDIX B

LABORATORY DATA SUMMARY PACKAGES (FORM 1S)

Earth Tech Northeast, Inc.

October 2006

## APPENDIX B TABLE 1 SERVALL LAUNDRY SITE (SITE 1-52-077) VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

| Sample Location           | NYSDEC       | MW-2      | MW-3A    | MW-3B     | MW-4     | MW-5     |
|---------------------------|--------------|-----------|----------|-----------|----------|----------|
| Sample ID                 | Class GA     |           | SMW-3A   |           | SMW-4    | SMW-5    |
| Laboratory ID             | Groundwater  | Destroyed | E0773-18 | Destroyed | E0832-10 | E0832-05 |
| Sample Date               | Criteria     | 6/06/06   | 6/6/06   | 6/6/06    | 6/16/06  | 6/15/06  |
| Matrix                    | ontona       | water     | water    | water     | water    | water    |
| Units                     | μg/L         | μg/L      | μg/L     | μg/L      | μg/L     | μg/L     |
| ormo                      | μg, <b>-</b> | conc. Q   | conc. Q  | conc. Q   | conc. Q  | conc. Q  |
| Dichlorodifluoromethane   |              |           | 5 U      |           | 5 U      | 5 U      |
| Chloromethane             | NC           |           | 5 U      |           | 5 U      | 5 U      |
| Vinyl Chloride            | 2            |           | 5 U      |           | 5 U      | 5 U      |
| Bromomethane              | 5            |           | 5 U      |           | 5 U      | 5 U      |
| Chloroethane              | 50           |           | 5 U      |           | 5 U      | 5 U      |
| Trichlorofluoromethane    | 5            |           | 5 U      |           | 5 U      | 5 U      |
| 1,1-Dichloroethene        | 5            |           | 5 U      |           | 5 U      | 5 U      |
| Acetone                   | 50           |           | 5 U      |           | 5 U      | 5 U      |
| lodomethane               | NC           |           | 5 U      |           | 5 U      | 5 U      |
| Carbon Disulfide          | 50           |           | 5 U      |           | 5 U      | 5 U      |
| Methylene Chloride        | 5            |           | 5 U      |           | 5 U      | 5 U      |
| trans-1,2-Dichloroethene  | 5            |           | 5 U      |           | 5 U      | 5 U      |
| Methyl tert-butyl ether   | NC           |           | 5 U      |           | 5 U      | 5 U      |
| 1,1-Dichloroethane        | 5            |           | 5 U      |           | 5 U      | 5 U      |
| Vinyl acetate             | NC           |           | 5 U      |           | 5 U      | 5 U      |
| 2-Butanone                | 50           |           | 5 U      |           | 5 U      | 5 U      |
| cis-1,2-Dichloroethene    | 5            |           | 5 U      |           | 5 U      | 3.0 J    |
| 2,2 -Dichloropropane      | 5            |           | 5 U      |           | 5 U      | 5 U      |
| Bromochloromethane        | 50           |           | 5 U      |           | 5 U      | 5 U      |
| Chloroform                | 7            |           | 5 U      |           | 5 U      | 5 U      |
| 1,1,1-Trichloroethane     |              |           | 5 U      |           | 5 U      | 5 U      |
| 1,1-Dichloropropene       | 5<br>5       |           | 5 U      |           | 5 U      | 5 U      |
| Carbon Tetrachloride      | 5            |           | 5 U      |           | 5 U      | 5 U      |
| 1,2-Dichloroethane        | 0.6          |           | 5 U      |           | 5 U      | 5 U      |
| Benzene                   | 1            |           | 5 U      |           | 5 U      | 5 U      |
| Trichloroethene           | 5            |           | 5 U      |           | 5 U      | 5 U      |
| 1,2-Dichloropropane       | 1            |           | 5 U      |           | 5 U      | 5 U      |
| Dibromomethane            | 5            |           | 5 U      |           | 5 U      | 5 U      |
| Bromodichloromethane      | 50           |           | 5 U      |           | 5 U      | 5 U      |
| cis-1,3-Dichloropropene   | 0.4          |           | 5 U      |           | 5 U      | 5 U      |
| 4-Methyl-2-Pentanone      | 50           |           | 5 U      |           | 5 U      | 5 U      |
| Toluene                   | 5<br>5       |           | 5 U      |           | 5 U      | 5 U      |
| trans-1,3-Dichloropropene | 0.4          |           | 5 U      |           | 5 U      | 5 U      |
| 1,1,2-Trichloroethane     | 1            |           | 5 U      |           | 5 U      | 5 U      |
| 1,3-Dichloropropane       | 5            |           | 5 U      |           | 5 U      | 5 U      |
| Tetrachloroethene         | 5            |           | 5 U      |           | 5 U      | 5 U      |
| 2-Hexanone                | 50           |           | 5 U      |           | 5 U      | 5 U      |
| Dibromochloromethane      | 50<br>50     |           | 5 U      |           | 5 U      | 5 U      |
| 1,2-Dibromoethane         | NC           |           | 5 U      |           | 5 U      | 5 U      |
| Chlorobenzene             | 5            |           | 5 U      |           | 5 U      | 5 U      |
| 1,1,1,2-Tetrachloroethane | 5            |           | 5 U      |           | 5 U      | 5 U      |
| Ethylbenzene              | 5<br>5       |           | 5 U      |           | 5 U      | 5 U      |
| Eurybenzene               | ວ            |           | J 5 U    | l         | l so     |          |

## APPENDIX B TABLE 1 SERVALL LAUNDRY SITE (SITE 1-52-077) VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

| Sample Location             | NYSDEC      | MW-2      | MW-3A    | MW-3B     | MW-4     | MW-5     |
|-----------------------------|-------------|-----------|----------|-----------|----------|----------|
| Sample ID                   | Class GA    |           | SMW-3A   |           | SMW-4    | SMW-5    |
| Laboratory ID               | Groundwater | Destroyed | E0773-18 | Destroyed | E0832-10 | E0832-05 |
| Sample Date                 | Criteria    | 6/06/06   | 6/6/06   | 6/6/06    | 6/16/06  | 6/15/06  |
| Matrix                      |             | water     | water    | water     | water    | water    |
| Units                       | μg/L        | μg/L      | μg/L     | μg/L      | μg/L     | μg/L     |
|                             | 1 3         | conc. Q   | conc. Q  | conc. Q   | conc. Q  | conc. Q  |
| m,p-Xylene                  | 5           |           | 5 U      |           | 5 U      | 5 U      |
| o-Xylene                    | 5           |           | 5 U      |           | 5 U      | 5 U      |
| Xylene (total)              | 5           |           | 5 U      |           | 5 U      | 5 U      |
| Styrene                     | 5           |           | 5 U      |           | 5 U      | 5 U      |
| Bromoform                   | 50          |           | 5 U      |           | 5 U      | 5 U      |
| Isoproprylbenzene           | 5           |           | 5 U      |           | 5 U      | 5 U      |
| 1,1,2,2-Tetrachloroethane   | 5           |           | 5 U      |           | 5 U      | 5 U      |
| Bromobenzene                | 5           |           | 5 U      |           | 5 U      | 5 U      |
| 1,2,3-Trichloropropane      | 5           |           | 5 U      |           | 5 U      | 5 U      |
| n-Propylbenzene             | NC          |           | 5 U      |           | 5 U      | 5 U      |
| 2-Chlorotoluene             | 5           |           | 5 U      |           | 5 U      | 5 U      |
| 1,3,5-Trimethylbenzene      | 5           |           | 5 U      |           | 5 U      | 5 U      |
| 4-Chlorotoluene             |             |           | 5 U      |           | 5 U      | 5 U      |
| tert-Butylbenzene           | 5<br>5<br>5 |           | 5 U      |           | 5 U      | 5 U      |
| 1,2,4-Trimethylbenzene      | 5           |           | 5 U      |           | 5 U      | 5 U      |
| sec-Butylbenzene            | 5           |           | 5 U      |           | 5 U      | 5 U      |
| 4-Isopropyltoluene          | 5<br>5      |           | 5 U      |           | 5 U      | 5 U      |
| 1,3-Dichlorobenzene         | 5           |           | 5 U      |           | 5 U      | 5 U      |
| 1,4-Dichlorobenzene         | 5           |           | 5 U      |           | 5 U      | 5 U      |
| n-Butylbenzene              | 5           |           | 5 U      |           | 5 U      | 5 U      |
| 1,2-Dichlorobenzene         | 4.7         |           | 5 U      |           | 5 U      | 5 U      |
| 1,2-Dibromo-3-chloropropane | 0.04        |           | 5 U      |           | 5 U      | 5 U      |
| 1,2,4-Trichlorobenzene      | 5           |           | 5 U      |           | 5 U      | 5 U      |
| Hexachlorobutadiene         | 0.5         |           | 5 U      |           | 5 U      | 5 U      |
| Naphthalene                 | 10          |           | 5 U      |           | 5 U      | 5 U      |
| 1,2,3-Trichlorobenzene      | 5           |           | 5 U      |           | 5 U      | 5 U      |
| Number of TICs              |             |           | 0        |           | 0        | 0        |
| Total TICs                  |             |           | 0        |           | 0        | 0        |
|                             |             |           |          |           |          |          |

## APPENDIX B TABLE 1 SERVALL LAUNDRY SITE (SITE 1-52-077) VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

| Sample Location           | NYSDEC      | MW-6A   | MW-6B    | MW-9      | MW-11    | MW-12    |
|---------------------------|-------------|---------|----------|-----------|----------|----------|
| Sample ID                 | Class GA    | SMW-6A  | SMW-6B   | 10100     | SMW-11   | SMW-12   |
| Laboratory ID             | Groundwater |         | E0832-07 | Destroyed | E0773-19 | E0832-01 |
| Sample Date               | Criteria    | 6/15/06 | 6/15/06  | 6/09/06   | 6/8/06   | 6/15/06  |
| Matrix                    | Ontona      | water   | water    | water     | water    | water    |
| Units                     | μg/L        | μg/L    | μg/L     | μg/L      | μg/L     | μg/L     |
| Office                    | μ9/Ε        | conc. Q | conc. Q  | conc. Q   | conc. Q  | conc. Q  |
| Dichlorodifluoromethane   |             | 5 U     | 5 U      | 00110. Q  | 5 U      | 5 U      |
| Chloromethane             | NC          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Vinyl Chloride            | 2           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Bromomethane              | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Chloroethane              | 50          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Trichlorofluoromethane    | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| 1,1-Dichloroethene        | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Acetone                   | 50          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| lodomethane               | NC          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Carbon Disulfide          | 50          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Methylene Chloride        | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| trans-1,2-Dichloroethene  | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Methyl tert-butyl ether   | NC          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| 1,1-Dichloroethane        | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Vinyl acetate             | NC          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| 2-Butanone                | 50          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| cis-1,2-Dichloroethene    | 5           | 5 U     | 210 D    |           | 3 J      | 5 U      |
| 2,2 -Dichloropropane      | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Bromochloromethane        | 50          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Chloroform                | 7           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| 1,1,1-Trichloroethane     | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| 1,1-Dichloropropene       | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Carbon Tetrachloride      | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| 1,2-Dichloroethane        | 0.6         | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Benzene                   | 1           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Trichloroethene           | 5           | 5 U     | 85       |           | 4 J      | 5 U      |
| 1,2-Dichloropropane       | 1           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Dibromomethane            | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Bromodichloromethane      | 50          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| cis-1,3-Dichloropropene   | 0.4         | 5 U     | 5 U      |           | 5 U      | 5 U      |
| 4-Methyl-2-Pentanone      | 50          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Toluene                   | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| trans-1,3-Dichloropropene | 0.4         | 5 U     | 5 U      |           | 5 U      | 5 U      |
| 1,1,2-Trichloroethane     | 1           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| 1,3-Dichloropropane       | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Tetrachloroethene         | 5           | 5 U     | 1,100 D  |           | 56       | 17       |
| 2-Hexanone                | 50          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Dibromochloromethane      | 50          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| 1,2-Dibromoethane         | NC          | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Chlorobenzene             | 5           | 5 U     | 5 U      |           | 5 U      | 4 J      |
| 1,1,1,2-Tetrachloroethane | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |
| Ethylbenzene              | 5           | 5 U     | 5 U      |           | 5 U      | 5 U      |

# APPENDIX B TABLE 1 SERVALL LAUNDRY SITE (SITE 1-52-077) VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

| Sample Location             | NYSDEC      | MW-6A    | MW-6B    | MW-9      | MW-11    | MW-12    |
|-----------------------------|-------------|----------|----------|-----------|----------|----------|
| Sample ID                   | Class GA    | SMW-6A   | SMW-6B   |           | SMW-11   | SMW-12   |
| Laboratory ID               | Groundwater | E0832-06 | E0832-07 | Destroyed | E0773-19 | E0832-01 |
| Sample Date                 | Criteria    | 6/15/06  | 6/15/06  | 6/09/06   | 6/8/06   | 6/15/06  |
| Matrix                      |             | water    | water    | water     | water    | water    |
| Units                       | μg/L        | μg/L     | μg/L     | μg/L      | μg/L     | μg/L     |
|                             | . 0         | conc. Q  | conc. Q  | conc. Q   | conc. Q  | conc. Q  |
| m,p-Xylene                  | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| o-Xylene                    | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| Xylene (total)              | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| Styrene                     | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| Bromoform                   | 50          | 5 U      | 5 U      |           | 5 U      | 5 U      |
| Isoproprylbenzene           | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| 1,1,2,2-Tetrachloroethane   | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| Bromobenzene                | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| 1,2,3-Trichloropropane      | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| n-Propylbenzene             | NC          | 5 U      | 5 U      |           | 5 U      | 5 U      |
| 2-Chlorotoluene             | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| 1,3,5-Trimethylbenzene      | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| 4-Chlorotoluene             | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| tert-Butylbenzene           | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| 1,2,4-Trimethylbenzene      | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| sec-Butylbenzene            | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| 4-Isopropyltoluene          | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| 1,3-Dichlorobenzene         | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| 1,4-Dichlorobenzene         | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| n-Butylbenzene              | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| 1,2-Dichlorobenzene         | 4.7         | 5 U      | 5 U      |           | 5 U      | 9        |
| 1,2-Dibromo-3-chloropropane | 0.04        | 5 U      | 5 U      |           | 5 U      | 5 U      |
| 1,2,4-Trichlorobenzene      | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| Hexachlorobutadiene         | 0.5         | 5 U      | 5 U      |           | 5 U      | 5 U      |
| Naphthalene                 | 10          | 5 U      | 5 U      |           | 5 U      | 5 U      |
| 1,2,3-Trichlorobenzene      | 5           | 5 U      | 5 U      |           | 5 U      | 5 U      |
| Number of TICs              |             | 0        | 0        |           | 1        | 0        |
| Total TICs                  |             | 0        | 0        |           | 6 J      | 0        |

# APPENDIX B TABLE 1 SERVALL LAUNDRY SITE (SITE 1-52-077) VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

| Sample Location           | NYSDEC      | MW-13      | MW-14      | MW-16      | MW-23S     | MW-23D     |
|---------------------------|-------------|------------|------------|------------|------------|------------|
| Sample ID                 |             | SMW-13     | SMW-14     | SMW-16     | SMW-23S    | SMW-23D    |
| Laboratory ID             | Groundwater |            | E0832-03   | E0832-04   | E0773-20   | E0773-21   |
| Sample Date               |             | 6/15/06    | 6/15/06    | 6/15/06    | 6/8/06     | 6/8/06     |
| Matrix                    |             | water      | water      | water      | water      | water      |
| Units                     | μg/L        | μg/L       | μg/L       | μg/L       | μg/L       | μg/L       |
| ormo                      | μ9/-        | conc. Q    |
| Dichlorodifluoromethane   |             | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Chloromethane             | NC          | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Vinyl Chloride            | 2           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Bromomethane              | 5           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Chloroethane              | 50<br>50    | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Trichlorofluoromethane    | 5           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| 1,1-Dichloroethene        | 5           | 5 U        | 5 U        | 4 J        | 5 U        | 5 U        |
| Acetone                   | 50<br>50    | 4 J        | 5 U        | 5 U        | 5 U        | 5 U        |
| lodomethane               | NC          | 4 J<br>5 U | 5 U        | 5 U        | 5 U        | 5 U        |
|                           |             |            | 5 U<br>5 U |            |            | 5 U<br>5 U |
| Carbon Disulfide          | 50<br>5     | 5 U<br>5 U |
| Methylene Chloride        | 5<br>5      |            | 5 U        | 5 U        | 5 U        | 5 U        |
| trans-1,2-Dichloroethene  |             | 5 U        |            |            |            |            |
| Methyl tert-butyl ether   | NC          | 5 U        | 5 U        | 2 J        | 5 U        | 5 U        |
| 1,1-Dichloroethane        | 5<br>NO     | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Vinyl acetate             | NC          | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| 2-Butanone                | 50          | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| cis-1,2-Dichloroethene    | 5           | 5 U        | 5 U        | 15         | 360 D      | 5 U        |
| 2,2 -Dichloropropane      | 5           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Bromochloromethane        | 50          | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Chloroform                | 7           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| 1,1,1-Trichloroethane     | 5           | 5 U        | 5 U        | 5          | 5 U        | 5 U        |
| 1,1-Dichloropropene       | 5           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Carbon Tetrachloride      | 5           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| 1,2-Dichloroethane        | 0.6         | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Benzene                   | 1           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Trichloroethene           | 5           | 3 J        | 5 U        | 16         | 220 D      | 5 U        |
| 1,2-Dichloropropane       | 1           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Dibromomethane            | 5           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Bromodichloromethane      | 50          | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| cis-1,3-Dichloropropene   | 0.4         | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| 4-Methyl-2-Pentanone      | 50          | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Toluene                   | 5           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| trans-1,3-Dichloropropene | 0.4         | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| 1,1,2-Trichloroethane     | 1           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| 1,3-Dichloropropane       | 5           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Tetrachloroethene         | 5           | 5          | 5 U        | 25         | 5,200 D    | 4 J        |
| 2-Hexanone                | 50          | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Dibromochloromethane      | 50          | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| 1,2-Dibromoethane         | NC          | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Chlorobenzene             | 5           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| 1,1,1,2-Tetrachloroethane | 5           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |
| Ethylbenzene              | 5           | 5 U        | 5 U        | 5 U        | 5 U        | 5 U        |

# APPENDIX B TABLE 1 SERVALL LAUNDRY SITE (SITE 1-52-077) VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

| Sample Location             | NYSDEC      | MW-13    | MW-14    | MW-16    | MW-23S    | MW-23D   |
|-----------------------------|-------------|----------|----------|----------|-----------|----------|
| Sample ID                   | Class GA    | SMW-13   | SMW-14   | SMW-16   | SMW-23S   | SMW-23D  |
| Laboratory ID               | Groundwater | E0832-02 | E0832-03 | E0832-04 | E0773-20  | E0773-21 |
| Sample Date                 | Criteria    | 6/15/06  | 6/15/06  | 6/15/06  | 6/8/06    | 6/8/06   |
| Matrix                      |             | water    | water    | water    | water     | water    |
| Units                       | μg/L        | μg/L     | μg/L     | μg/L     | μg/L      | μg/L     |
|                             |             | conc. Q  | conc. Q  | conc. Q  | conc. Q   | conc. Q  |
| m,p-Xylenë                  | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| o-Xylene                    | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| Xylene (total)              | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| Styrene                     | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| Bromoform                   | 50          | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| Isoproprylbenzene           | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 1,1,2,2-Tetrachloroethane   | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| Bromobenzene                | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 1,2,3-Trichloropropane      | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| n-Propylbenzene             | NC          | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 2-Chlorotoluene             | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 1,3,5-Trimethylbenzene      | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 4-Chlorotoluene             | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| tert-Butylbenzene           | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 1,2,4-Trimethylbenzene      | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| sec-Butylbenzene            | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 4-Isopropyltoluene          | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 1,3-Dichlorobenzene         | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 1,4-Dichlorobenzene         | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| n-Butylbenzene              | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 1,2-Dichlorobenzene         | 4.7         | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 1,2-Dibromo-3-chloropropane | 0.04        | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 1,2,4-Trichlorobenzene      | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| Hexachlorobutadiene         | 0.5         | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| Naphthalene                 | 10          | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| 1,2,3-Trichlorobenzene      | 5           | 5 U      | 5 U      | 5 U      | 5 U       | 5 U      |
| Number of TICs              |             | 0        | 0        | 0        | 2         | 1        |
| Total TICs                  |             | 0        | 0        | 0        | 1,250 NJD | 6 J      |

### APPENDIX B TABLE 2 SERVALL LAUNDRY SITE (SITE 1-52-077) SUMMARY OF TAL METALS IN GROUNDWATER

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Matrix<br>Units  | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>water<br>µg/L                     | MW-2 Destro 6/06/06 water µg/L conc. | MW-3A<br>SMW-3.<br>E0773-<br>6/6/06<br>water<br>µg/L<br>conc.   | Α   | Destro<br>6/6/06<br>water<br>µg/L<br>conc. | yed | MW-4<br>SMW-4<br>E0832<br>6/16/0<br>water<br>µg/L<br>conc.   | -10   | MW-5<br>SMW-5<br>E0832-0<br>6/15/06<br>water<br>μg/L<br>conc.   | )5<br>Q                                 | MW-6A<br>SMW-6<br>E0832-<br>6/15/06<br>water<br>µg/L<br>conc.   | 6A<br>06 |
|--|--|--------------------------------------|---|---|--|-----|--|---|---|---|---|----------|
| Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Manganese Mercury Nickel Potassium Selenium Silver Sodium Thallium Vanadium Zinc | NC 3 25 1,000 3 10 NC 50 NC 200 300 25 35,000 300 2 100 NC 10 50 20,000 1 NC 2,000 |                                      | 1.0<br>67.3<br>0.19<br>0.19<br>10,800<br>55.4<br>2.4<br>13.0<br>1,070<br>0.40<br>4,290<br>143<br>0.063<br>23.0<br>0.99<br>129,000 | 2 U U S B B S S U U S B B S S U U S B S S U U S B S S U U U U |  |     | 2.2<br>16.7<br>0.19<br>0.73<br>13,600<br>534.0<br>1,710<br>1.6<br>3,310<br>18<br>0.069<br>240.0<br>2,710<br>0.99<br>0.99 | 2 U<br>2 B<br>7 B<br>5 B<br>5 D<br>6 D<br>6 D<br>7 B<br>7 D<br>8 D<br>8 D<br>8 D<br>8 D<br>9 | 391.0<br>1.2<br>1.7<br>17.9<br>0.15<br>2.40<br>20,700<br>80.5<br>1.30<br>6.8<br>934<br>3.6<br>3,420<br>209<br>0.065<br>39.1<br>2,490<br>0.98<br>0.91<br>13,400<br>1.4<br>0.89<br>29.2 | B B U B B U B B U B B B B B B B B B B B | 527<br>1.2<br>3.5<br>72.2<br>0.15<br>1.5<br>33,800<br>607<br>11.3<br>16<br>3780<br>4.1<br>5,070<br>7140<br>0.065<br>160<br>2,390<br>1.7<br>0.91<br>59,600<br>32.3<br>2.60<br>45.6 |          |

### APPENDIX B TABLE 2 SERVALL LAUNDRY SITE (SITE 1-52-077) SUMMARY OF TAL METALS IN GROUNDWATER

| Sample Location<br>Sample ID<br>Laboratory ID<br>Sample Date<br>Matrix<br>Units  | NYSDEC<br>Class GA<br>Groundwater<br>Criteria<br>water<br>µg/L                     | MW-6B<br>SMW-6B<br>E0832-07<br>6/15/06<br>water<br>µg/L<br>conc. Q   | MW-9  Destroyed 6/09/06 water µg/L conc. Q | MW-11<br>SMW-11<br>E0773-19<br>6/8/06<br>water<br>µg/L<br>conc. Q   | MW-12<br>SMW-12<br>E0832-01<br>6/15/06<br>water<br>µg/L<br>conc. Q   | MW-13<br>SMW-13<br>E0832-02<br>6/15/06<br>water<br>µg/L<br>conc. Q  | MW-14<br>SMW-14<br>E0832-03<br>6/15/06<br>water<br>µg/L<br>conc. Q   |
|--|--|--|--|---|--|---|--|
| Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Manganese Mercury Nickel Potassium Selenium Silver Sodium Thallium Vanadium Zinc | NC 3 25 1,000 3 10 NC 50 NC 200 300 25 35,000 300 2 100 NC 10 50 20,000 1 NC 2,000 | 2000<br>2.7 B<br>1.6 U<br>19.3 B<br>0.15 U<br>0.75 B<br>19,600<br>62.20<br>2.2 B<br>17.5 B<br>1950<br>2.8 B<br>3,430<br>81.6<br>0.065 U<br>46.1 B<br>2,210<br>0.98 U<br>0.91 U<br>17800<br>1.2 U<br>1.10 B<br>53.6 |  | 1440<br>1.2 U<br>1.7 B<br>46.1 B<br>0.15 U<br>4.4 B<br>11,100<br>50.1<br>2.70 B<br>18.5 B<br>1,510<br>0.46 U<br>3,560<br>30.7 B<br>0.065 U<br>22.4 B<br>1,940<br>0.98 U<br>0.91 U<br>23,700<br>1.2 U<br>2.7 B<br>80.9 | 369 1.8 B 8.2 B 67.6 B 0.15 U 2.8 B 17,000 1130 24.30 B 67.9 2,810 4.9 B 3,050 746 0.065 U 1290 2,980 3.1 B 0.91 U 62,500 5.0 B 2.1 B 35.2 B | 38.5 B<br>6.3 B<br>1.7 B<br>55.5 B<br>0.15 U<br>3.8 B<br>18,200<br>12.2 B<br>1.3 B<br>8.3 B<br>153 B<br>2.1 B<br>8,570<br>108<br>0.065 U<br>12 B<br>1,310<br>0.98 U<br>0.91 U<br>35,700<br>1.7 B<br>0.6 B<br>28.9 B | 139 B<br>2.7 B<br>1.6 U<br>48.6 B<br>0.15 U<br>1.3 B<br>7,550<br>49.9<br>1.3 B<br>6.3 U<br>449<br>1.7 B<br>3,540<br>25.6 B<br>0.065 U<br>24.3 B<br>1550.0<br>1.4 B<br>0.91 U<br>60500<br>1.3 B<br>0.47 U<br>22.2 B |

### APPENDIX B TABLE 2 SERVALL LAUNDRY SITE (SITE 1-52-077) SUMMARY OF TAL METALS IN GROUNDWATER

| Sample Location | NYSDEC      | MW-16           | MW-23S          | MW-23D          |
|-----------------|-------------|-----------------|-----------------|-----------------|
| Sample ID       | Class GA    | SMW-16          | SMW-23S         | SMW-23D         |
| Laboratory ID   | Groundwater | _               | E0773-20        | E0773-21        |
| Sample Date     | Criteria    | 6/15/06         | 6/8/06          | 6/8/06          |
| Matrix          | water       | water           | water           | water           |
| Units           |             |                 |                 |                 |
| Units           | μg/L        | μg/L<br>conc. Q | μg/L<br>conc. Q | μg/L<br>conc. Q |
|                 |             | conc. Q         | conc. Q         | conc. Q         |
| Aluminum        | NC          | 534             | 253.0           | 7130            |
| Antimony        | 3           | 1.2 U           | 1.2 U           | 1.4 B           |
| Arsenic         | 25          | 7.0 B           | 1.6 U           | 2.5 B           |
| Barium          | 1,000       | 13.6 B          | 25.60 B         | 77.80 B         |
| Beryllium       | 3           | 0.15 U          | 0.15 U          | 0.60 B          |
| Cadmium         | 10          | 0.71 B          | 0.10 U          | 0.10 U          |
| Calcium         | NC          | 9,750           | 17800           | 14800           |
| Chromium        | 50          | 1660.0          | 0.66 B          | 12.20 B         |
| Cobalt          | NC          | 4.00 B          | 2.00 B          | 5.00 B          |
| Copper          | 200         | 8.6 B           | 8.5 B           | 27.2 B          |
| Iron            | 300         | 7,270           | 133.0 B         | 3800            |
| Lead            | 25          | 2.8 B           | 0.46 U          | 0.46 U          |
| Magnesium       | 35,000      | 4,790           | 6830.0          | 2440.0          |
| Manganese       | 300         | 51.8            | 1570            | 109.0           |
| Mercury         | 2           | 0.065 U         | 0.065 U         | 0.065 U         |
| Nickel          | 100         | 125.0           | 15.0 B          | 7.6 B           |
| Potassium       | NC          | 1,040           | 1340.0          | 3270            |
| Selenium        | 10          | 2.2 B           | 0.98 U          | 0.98 U          |
| Silver          | 50          | 0.91 U          | 0.91 U          | 0.91 U          |
| Sodium          | 20,000      | 24,500          | 28700           | 16200           |
| Thallium        | 1           | 1.2 U           | 7.8 B           | 1.3 B           |
| Vanadium        | NC          | 6.40 B          | 0.47 U          | 14.50 B         |
| Zinc            | 2,000       | 25.9 B          | 15.2 B          | 53.8            |
|                 |             |                 |                 |                 |



\* Data Summary Pack \*



EARTH TECH BLOOMFIELD, NJ

### New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name: Multi Site - Dzus and Servall

|                       |                        |             | Ana                | lytical Requirement   | S         |  |
|-----------------------|------------------------|-------------|--------------------|---|-----------|--|
| Customer<br>Sample ID | Laborator<br>Sample II | - 1         | MSSEMI<br>Method # | GC* Method #  | ME        | Other  |
| MW-23A                | E0773-01               |             |                    |   | SW6010B_W |  |
| MW-23A                | E0773-01               |             |                    |   | SW7470A   |  |
| MW-23B                | E0773-02               |             |                    |   | SW6010B_W |  |
| MW-23B                | E0773-02               |             |                    |   | SW7470A   |  |
| MW-15A                | E0773-03               |             |                    |   | SW6010B_W |  |
| MW-15A                | E0773-03               |             |                    |   | SW7470A   |  |
| MW-15B                | E0773-04               |             |                    |   | SW6010B_W |  |
| MW-15B                | E0773-04               |             |                    |   | SW7470A   |  |
| MW-1                  | E0773-05               |             |                    |   | SW6010B_W |  |
| MVV-1                 | E0773-05               |             |                    |   | SW7470A   |  |
| MW-18                 | E0773-06               |             |                    |   | SW6010B_W |  |
| MW-18                 | E0773-06               |             |                    |   | SW7470A   |  |
| MW-3                  | E0773-07               |             |                    |   | SW6010B_W |  |
| MW-3                  | E0773-07               |             |                    |   | SW7470A   |  |
| MW-9B                 | E0773-08               |             |                    |   | SW6010B_W |  |
| MW-9B                 | E0773-08               |             |                    |   | SW7470A   |  |
| MW-9                  | E0773-09               |             |                    |   | SW6010B_W |  |
| MW-9                  | E0773-09               |             |                    |   | SW7470A   |  |
| MW-2                  | E0773-10               |             |                    |   | SW6010B_W |  |
| MW-2                  | E0773-10               |             |                    |   | SW7470A   |  |
| /W-22A                | E0773-11               |             |                    |   | SW6010B_W |  |
| MW-22A                | E0773-11               |             |                    |   | SW7470A   |  |
| MW-22B                | E0773-12               |             |                    |   | SW6010B W |  |
| /W-22B                | E0773-12               |             |                    | ,   |           |  |
| //W-13A               | E0773-13               |             |                    |   | SW7470A   |  |
| /W-13A                | E0773-13               |             |                    |   | SW6010B_W |  |
| <b>/</b> W-13B        | E0773-14               |             |                    |   | SW7470A   |  |
| /W-13B                | E0773-14               |             |                    |   | SW6010B_W |  |
| DUP                   | E0773-15               |             |                    |   | SW7470A   |  |
| DUP                   | E0773-15               |             |                    |   | SW6010B_W |  |
| MW-3A                 | E0773-18               | SW8260B_W   |                    |   | SW7470A   |  |
| MW-3A                 | E0773-18               |             |                    |   | SW6010B_W | Providence of the second   |
| MW-11                 |                        | SW8260B_W   |                    |   | SW7470A   |  |
| MW-11                 | E0773-19               | OVV0200B_VV |                    |   | SW6010B_W |  |
| MW-23S                |                        | SIMBSCOD IM |                    |   | SW7470A   |  |
| MW-23S                | E0773-20               | SW8260B_W   |                    |   | SW6010B_W |  |
| MW23D                 |                        | CM(9200 III |                    |   | SW7470A   |  |
| MW23D                 |                        | SW8260B_W   |                    |   | SW6010B_W | AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO A PARTY OF THE PERSON NAMED IN COLUMN TO A PART |
| IVIVVEOU              | E0773-21               |             |                    | and an analysis of the second | SW7470A   |  |

### New York State Department of Environmental Conservation Sample Preparation and Analysis Summary MSVOA

Project Name: Multi Site - Dzus and Servall

| Laboratory  |        | Date       | Date Received | Date      | Date       |
|-------------|--------|------------|---------------|-----------|------------|
| Sample ID   | Matrix | Collected  | By Lab        | Extracted | Analyzed   |
| SW8260B_W   |        |            |               |           | 1 - 7      |
| E0773-18B   | AQ     | 06/06/2006 | 06/09/2006    | NA        | 06/14/2006 |
| E0773-19B   | AQ     | 06/08/2006 | 06/09/2006    | NA        | 06/14/2006 |
| E0773-20B   | AQ     | 06/08/2006 | 06/09/2006    | NA        | 06/14/2006 |
| E0773-20BDL | AQ     | 06/08/2006 | 06/09/2006    | NA        | 06/18/2006 |
| E0773-21B   | AQ     | 06/08/2006 | 06/09/2006    | NA        | 06/15/2006 |

### New York State Department of Environmental Conservation Sample Preparation and Analysis Summary MSVOA

Project Name: Multi Site - Dzus and Servall

| Laboratory Sample ID | Matrix | Analytical<br>Protocol | Extraction<br>Method | Low/Medium<br>Level | Dil/Conc<br>Factor |
|----------------------|--------|------------------------|----------------------|---------------------|--------------------|
| SW8260B_W            |        |                        |                      |                     |                    |
| E0773-18B            | AQ     | SW8260B_W              | NA                   | Low                 | 1                  |
| E0773-19B            | AQ     | SW8260B_W              | NA                   | Low                 | <u> </u>           |
| E0773-20B            | AQ     | SW8260B_W              | NA                   | Low                 | 1                  |
| E0773-20BDL          | AQ     | SW8260B_W              | NA NA                | LOW                 | 40                 |
| E0773-21B            | AQ     | SW8260B_W              | NA                   | LOW                 | 1                  |

### New York State Department of Environmental Conservation Sample Preparation and Analysis Summary ME

Project Name: Multi Site - Dzus and Servall

| Laboratory   |        | Metals    | Date Received | Date                     |
|--------------|--------|-----------|---------------|--------------------------|
| Sample ID    | Matrix | Requested | By Lab        | Analyzed                 |
| SW6010B_W    |        |           |               | - I Mary 200             |
| E0773-01A    | AQ     | SW6010B_W | 06/09/2006    | 06/20/2006               |
| E0773-02A    | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-03A    | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-04A    | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-05A    | AQ     | SW6010B_W | 06/09/2006    | 06/20/2006               |
| E0773-06A    | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-07A    | AQ     | SW6010B_W | 06/09/2006    | 06/20/2006               |
| E0773-08A    | AQ     | SW6010B_W | 06/09/2006    | 06/20/2006               |
| E0773-09A    | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-10A    | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-11A    | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-12A    | AQ     | SW6010B_W | 06/09/2006    | 06/21/2006               |
| E0773-12ADUP | AQ     | SW6010B_W | 06/09/2006    | 06/21/2006               |
| E0773-12AMS  | AQ     | SW6010B_W | 06/09/2006    | 06/20/2006               |
| E0773-13A    | AQ     | SW6010B_W | 06/09/2006    | 06/20/2006               |
| E0773-14A    | AQ     | SW6010B_W | 06/09/2006    | 06/20/2006               |
| E0773-15A    | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-18A    | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-19A    | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-20A    | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-20ADUP | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-20AMS  | AQ.    | SW6010B W | 06/09/2006    | 06/19/2006               |
| E0773-21A    | AQ     | SW6010B W | 06/09/2006    | 06/20/2006               |
| E0773-21ADUP | AQ     | SW6010B_W | 06/09/2006    | 06/20/2006               |
| E0773-21AMS  | AQ     | SW6010B_W | 06/09/2006    | 06/19/2006               |
| SW7470A      |        |           |               |                          |
| E0773-01A    | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| E0773-02A    | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| E0773-03A    | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| E0773-04A    | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| E0773-05A    | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| E0773-06A    | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| E0773-07A    | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| 0773-08A     | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| 0773-09A     | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| 0773-10A     | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| 0773-11A     | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| 0773-12A     | AQ     | SW7470A   | 06/09/2006    | 06/20/2006               |
| 0773-12ADUP  | AQ     | SW7470A   | 06/09/2006    | 06/20/2006               |
| 0773-12AMS   | AQ     | SW7470A   | 06/09/2006    | 06/20/2006               |
| 0773-13A     | AQ     | SW7470A   | 06/09/2006    | 06/20/2006               |
| 0773-14A     | AQ     | SW7470A   | 06/09/2006    |                          |
| 0773-15A     | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| 0773-18A     | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| 0773-19A     | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| 0773-20A     | AQ     | SW7470A   | 06/09/2006    | 06/19/2006               |
| 0773-21A     | AQ     | SW7470A   | 06/09/2006    | 06/19/2006<br>06/19/2006 |

## Report of Laboratory Analyses for Earth Tech Northeast, Inc.

Client Project: Multi-site G, Dzus and Servall

Mitkem Work Order ID: E0773

July 12, 2006

Prepared For:

Earth Tech Northeast, Inc. 300 Broadacres Drive Bloomfield, NJ 07003

Attn: Mr. Allen Burton

Prepared By:

Mitkem Corporation

175 Metro Center Boulevard

Warwick, RI 02886 (401) 732-3400

### **SDG Narrative**

Mitkem Corporation submits the enclosed data package in response to Earth Tech Northeast Inc.'s Multi-site G, Dzus and Servall, project. Under this deliverable, analysis results are presented for twenty-one aqueous samples that were received on June 9, 2006. Analyses were performed per specifications in the project's contract and the chain of custody forms, following discussions with the client. Following the narrative is the Mitkem Work Order for cross-referencing client sample ID with laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols (October 1995 update) and reported per NYSDEC ASP requirement for Category B deliverable.

The following observation and/or deviations are observed for the following analyses:

### 1. Overall Observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous under this category, the justification is explained.

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

### 2. Volatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample/lab control sample duplicate: spike recoveries were within the QC limits with the exception of high recovery of vinyl chloride and chloroethane in the V6KLCS and high

recovery of chloroethane and low recovery of trichlorofluoromethane and chloroform in V6LLCS. Replicate RPDs were within the QC limits.

Sample analysis: due to the high concentration of target analytes, sample SMW-23S was reanalyzed at 40x dilution. No other unusual observation was made for the analysis.

### 3. Metals Analysis:

Lab control sample: spike recoveries were within the QC limits.

Matrix spike: matrix spike was performed on samples MW-22B, SMW-23S and SMW23D. Spike recoveries were within the QC limits.

Duplicate: duplicate analysis was performed on samples MW-22B, SMW-23S and SMW23D. Replicate RPDs were within the QC limits.

Sample analysis: serial dilution was performed on samples MW-22B, SMW-23S and SMW23D. Percent differences were within the QC limits with the exception of aluminum, iron and magnesium for sample SMW23D. Aluminum, iron and magnesium are qualified with an "E" on the data report forms. No other unusual observation was made for the analysis.

The pages in this report have been numbered consecutively, starting from this narrative and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hardcopy data package.

Agnes Ng

CLP Project Manager

07/12/06

# WorkOrder: E0773 HC Due: 06/30/06 Fax Due: Report Level: ASP-B EDD: CLF Case: SDG: PO: 152033/152077 19/Jun/06 14:56 Location: DZUS AND SERVALL Mitkem Corporation Client ID: EARTH NJ Project: Multi Site Comments: N/A

| Sample ID  | Client Sample ID       | Collection Date Date Recv'd | Matrix  | Test Code | Lab Test Comments | Hold MS SEL Storage |
|--|------------------------|-----------------------------|---|-----------|-------------------|---------------------|
| E0773-01A  | MW-23A                 | 06/07/2006 09:30 06/09/2006 | Aqueous   | SW6010B_W | TAL               | □                   |
| VANOVA III. III. SAARII AA A  |                        |                             |   | SW7470A   | TAL               |                     |
| E0773-02A  | MW-23B                 | 06/07/2006 09:40 06/09/2006 | Aqueous   | SW6010B_W | TAL               | □ M2                |
|  |                        |                             |   | SW7470A   | TAL               |                     |
| E0773-03A  | MW-15A                 | 06/07/2006 11:42 06/09/2006 | Aqueous   | SW6010B_W | TAL               | M2                  |
| TOTAL AND  |                        |                             | nd  | SW7470A   | TAL               |                     |
| E0773-04A  | MW-15B                 | 06/07/2006 11:15 06/09/2006 | Aqueous   | SW6010B_W | TAL               | M2                  |
| e (e) e e e e e e e e e e e e e e e e e  |                        |                             | and Annie Liberty of the state | SW7470A   | TAL               |                     |
| E0773-05A  | MW-1                   | 06/08/2006 12:00 06/09/2006 | Aqueous   | SW6010B_W | TAL               | ☐ M2                |
| COMPANY OF COMPANY PROPERTY PROPERTY OF THE PR |                        |                             |   | SW7470A   | TAL               |                     |
| E0773-06A  | MW-18                  | 06/08/2006 11:15 06/09/2006 | Aqueous   | SW6010B_W | TAL               |                     |
| Salahan deputativ communications and analysis and  |                        |                             |   | SW7470A   | TAL               |                     |
| E0773-07A  | MW-3                   | 06/08/2006 09:20 06/09/2006 | Aqueous   | SW6010B_W | TAL               |                     |
| Client Rep:  | Client Rep: Agnes R Ng |                             |   |           | Pè                | Page 1 of 4         |

# 19/Jun/06 14:56 Mitkem Corporation

Report Level: ASP-B

WorkOrder: E0773

EDD: CLF

HC Due: 06/30/06 Fax Due:

**PO:** 152033/152077

Case: SDG:

Comments: N/A

Location: DZUS AND SERVALL

Client ID: EARTH\_NJ Project: Multi Site

| Sample ID  | Client Sample ID       | Collection Date   | Date Recv'd | Matrix  | Test Code | Lab Test Comments | Hold MS SEL Storage |
|--|------------------------|---|-------------|---------|-----------|-------------------|---------------------|
| E0773-07A  | MW-3                   | 06/08/2006 09:20  | 60/90       | Aqueous | SW7470A   | TAL               | □ □ M2              |
| E0773-08A  | MW-9B                  | 06/08/2006 09:10 06/09/2006   | 06/09/2006  | Aqueous | SW6010B_W | TAL               | M2                  |
|  |                        |   |             |         | SW7470A   | TAL               |                     |
| E0773-09A  | WW-9                   | 06/08/2006 08:50 06/09/2006   | 06/09/2006  | Aqueous | SW6010B_W | TAL               | M2                  |
| CONTRACTOR OF A PARTY CONTRACTOR AND A PARTY CONTRACTOR OF THE PARTY CONTRACTO |                        | A CANADA |             |         | SW7470A   | TAL               |                     |
| E0773-10A  | MW-2                   | 06/07/2006 14:35 06/09/2006   | 06/09/2006  | Aqueous | SW6010B_W | TAL               | M2 M2               |
|  |                        |   |             |         | SW7470A   | TAL               |                     |
| E0773-11A  | MW-22A                 | 06/07/2006 09:50 06/09/2006   | 06/09/2006  | Aqueous | SW6010B_W | TAL               | M2                  |
|  |                        |   |             |         | SW7470A   | TAL               |                     |
| E0773-12A  | MW-22B                 | 06/07/2006 10:00 06/09/2006   | 06/09/2006  | Aqueous | SW6010B_W | TAL               | M2                  |
|  |                        |   |             |         | SW7470A   | TAL               | □ <b>✓</b> □ M2     |
| E0773-13A  | MW-13A                 | 06/08/2006 07:50 06/09/2006   | 06/09/2006  | Aqueous | SW6010B_W | TAL               | M2                  |
| Angel and design of the first of the second  |                        |   |             |         | SW7470A   | TAL               |                     |
| Client Rep   | Client Rep: Agnes R Ng |   |             |         |           | Page              | 2 of 4              |

Client Rep: Agnes R Ng

| Mitken                                  | Mitkem Corporation   | I                           | 9/Jun//0             | 19/Jun/06 14:56 | Wor               | WorkOrder: E0773                                       |
|---|--|-----------------------------|----------------------|-----------------|-------------------|--|
| Client ID: Project: Location: Comments: | Client ID: EARTH_NJ Project: Multi Site Location: DZUS AND SERVALL Comments: N/A |                             | Case:<br>SDG:<br>PO: | 152033/152077   | Re                | Report Level: ASP-B EDD: CLF HC Due: 06/30/06 Fax Due: |
| Sample ID                               | Client Sample ID   | Collection Date Date Recv'd | Matrix               | Test Code       | Lab Test Comments | Hold MS SEL Storage                                    |
| E0773-14A                               | MW-13B   | 06/08/2006 08:04 06/09/2006 | Aqueous              | SW6010B_W       | TAL               | □  |
|   |  |                             |                      | SW7470A         | TAL               |  |
| E0773-15A                               | DUP  | 06/08/2006 09:50 06/09/2006 | Aqueous              | SW6010B_W       | TAL               | □ □ <b>☑</b> M2  |
|   |  |                             |                      | SW7470A         | TAL               |  |
| E0773-16A                               | MS   | 06/07/2006 10:00 06/09/2006 | Aqueous              | SW6010B_W       | TAL               | <b>☑</b> □ <b>☑</b> M2                                 |
|   |  |                             |                      | SW7470A         | TAL               | <b>▼</b>   |
| E0773-17A                               | MSD  | 06/07/2006 10:00 06/09/2006 | Aqueous              | SW6010B_W       | TAL               | M2   |
|   |  |                             |                      | SW7470A         | TAL               | <b>₹</b>   |
| E0773-18A                               | SMW-3A   | 06/06/2006 14:00 06/09/2006 | Aqueous              | SW6010B_W       | TAL               | □ <b>≪</b> M2  |
|   |  |                             |                      | SW7470A         | TAL               |  |
| E0773-18B                               | SMW-3A   | 06/06/2006 14:00 06/09/2006 | Aqueous              | SW8260B_W       |                   | O O O  |
| E0773-19A                               | SMW-11   | 06/08/2006 13:00 06/09/2006 | Aqueous              | SW6010B_W       | TAL               | □  |
| Client Rep                              | Client Rep: Agnes R Ng   |                             |                      |                 | ŭ .               | Page 3 of 4  |

Client ID: EARTH N Project: Multi Site

Location: DZUS AND SERVALL Comments: N/A

Case: SDG:

PO: 152033/152077

HC Due: 06/30/06 Report Level: ASP-B EDD: CLF

Fax Due:

Hold MS SEL Storage □ voa □ VOA VOA **✓** M2 **M**2 M2 M2 M2> Lab Test Comments TAL TAL TAL TAL TAL Aqueous SW6010B\_W Aqueous SW8260B\_W SW8260B W Aqueous SW6010B\_W Aqueous SW8260B\_W SW7470A Test Code SW7470A Aqueous SW7470A Aqueous Date Recv'd Matrix 06/08/2006 15:45 06/09/2006 06/08/2006 13:00 06/09/2006 06/08/2006 16:00 06/09/2006 06/08/2006 15:45 06/09/2006 06/08/2006 16:00 06/09/2006 06/08/2006 13:00 06/09/2006 Collection Date Client Sample ID SMW-23S SMW-23S SMW23D SMW23D SMW-11 SMW-11 E0773-20B E0773-21B E0773-20A E0773-21A E0773-19A E0773-19B Sample ID

4 of 4

Page

SMW-11

Q

Lab Name: MITKEM CORPORATION Contract:

CAS NO.

Lab Code: MITKEM Case No.: SAS No.:

SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-19B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3487

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

COMPOUND

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

5 U 75-71-8-----Dichlorodifluoromethane 5 U 5 U 74-87-3-----Chloromethane 75-01-4-----Vinyl Chloride 5 U 5 U 74-83-9-----Bromomethane 75-00-3-----Chloroethane 5 U 5 U 5 U 75-69-4-----Trichlorofluoromethane 75-35-4-----1,1-Dichloroethene 67-64-1-----Acetone 5 U 74-88-4-----Iodomethane 5 U 75-15-0-----Carbon Disulfide 5 75-09-2-----Methylene Chloride U 156-60-5-----trans-1,2-Dichloroethene 1634-04-4-----Methyl tert-butyl ether U 5 U 75-34-3-----1,1-Dichloroethane 5 U 5 U 5 U 3 J 108-05-4-----Vinyl acetate 78-93-3----2-Butanone 156-59-2----cis-1,2-Dichloroethene 5 590-20-7----2,2-Dichloropropane U 74-97-5-----Bromochloromethane U 5 5 67-66-3-----Chloroform U 71-55-6----1,1,1-Trichloroethane U 563-58-6----1,1-Dichloropropene 5 U 56-23-5-----Carbon Tetrachloride 5 U 107-06-2----1, 2-Dichloroethane 5 U 71-43-2----Benzene 5 U 79-01-6----Trichloroethene 4 J 78-87-5----1,2-Dichloropropane 5 U 74-95-3-----Dibromomethane 5 U 75-27-4-----Bromodichloromethane 5 U 10061-01-5----cis-1,3-Dichloropropene 5 Ū 108-10-1----4-Methyl-2-pentanone 5 U 108-88-3-----Toluene 5 U

10061-02-6----trans-1,3-Dichloropropene

79-00-5----1,1,2-Trichloroethane

5 U

5 U

SMW-11

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Lab Sample ID: E0773-19B

Matrix: (soil/water) WATER

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3487

Level: (low/med) LOW

Date Received: 06/09/06

% Moisture: not dec.

Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

| CAS NO. COMPOUND (ug/L or   | r ug/Kg) UG/L Q                        |
|---|--|
| 142-28-91, 3-Dichloropropane 127-18-4Tetrachloroethene 591-78-62-Hexanone 124-48-1Dibromochloromethane 106-93-41, 2-Dibromoethane 108-90-7Chlorobenzene 630-20-61, 1, 1, 2-Tetrachloroethane 100-41-4Ethylbenzene | 5 UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU |

### 1E

### VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SDG No.: ME0773

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: Matrix: (soil/water) WATER

Lab Sample ID: E0773-19B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3487

Level: (low/med) LOW

Date Received: 06/09/06

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

| COMPOUND NAME | RT<br>======<br>12.41 | EST. CONC. | Q<br>=====<br>J |
|---------------|-----------------------|------------|-----------------|
|               |                       |            |                 |
|               |                       |            | _               |
|               |                       |            |                 |
|               |                       |            |                 |
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|               |                       |            |                 |
|               |                       |            | -               |
|               |                       |            |                 |
|               |                       |            | -               |
|               |                       |            |                 |
|               |                       |            | -               |
|               |                       |            |                 |
|               |                       |            | -               |
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|               |                       |            |                 |
|               |                       |            |                 |
|               |                       |            |                 |
|               |                       |            |                 |
|               |                       |            |                 |
|               |                       |            |                 |

SMW-23S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER

Lab Sample ID: E0773-20B

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6E3488

Level: (low/med) LOW

Date Received: 06/09/06

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

|                  | out the same of th |   |
|------------------|--|---|
| CAS NO. COMPOUND | (ug/L or ug/Kg) UG/L   | Q |

|            | Dichlorodifluoromethane   | 5   | ט   ט |
|------------|---------------------------|-----|-------|
|            | Chloromethane             | 1   | ט ו   |
| 75-01-4    | Vinyl Chloride            | 5   | ט ו   |
|            | Bromomethane              | 5   | טו    |
|            | Chloroethane              | 1 5 | טו    |
| 75-69-4    | Trichlorofluoromethane    | 5   | טו    |
| 75-35-4    | 1,1-Dichloroethene        | 5   | טו    |
| 67-64-1    |                           | 5   | U     |
| 74-88-4    | Iodomethane               | 5   | שו    |
| 75-15-0    | Carbon Disulfide          | 5   | שו    |
| 75-09-2    | Methylene Chloride        | 5   | U     |
| 156-60-5   | trans-1,2-Dichloroethene  | 5   | ט     |
| 1634-04-4  | Methyl tert-butyl ether   | 5   | Ū     |
| 75-34-3    | 1,1-Dichloroethane        | 5   | U     |
| 108-05-4   | Vinyl acetate             | 5   | שו    |
| 78-93-3    | 2-Butanone                | 5   |       |
| 156-59-2   | cis-1,2-Dichloroethene    | 410 | E     |
| 590-20-7   | 2,2-Dichloropropane       | 5   |       |
| 74-97-5    | Bromochloromethane        | 5   |       |
| 67-66-3    | Chloroform                | 5   |       |
| 71-55-6    | 1,1,1-Trichloroethane     | 5   |       |
|            | 1,1-Dichloropropene       | 5   |       |
|            | Carbon Tetrachloride      | 5   | Ū     |
| 107-06-2   | 1,2-Dichloroethane        | 5   | Ū     |
| 71-43-2    |                           | 5   |       |
| 79-01-6    | Trichloroethene           | 250 | 3 "   |
|            | 1,2-Dichloropropane       | 5   | 1     |
| 74-95-3    | Dibromomethane            | 5   |       |
|            | Bromodichloromethane      | 5   | U     |
|            | cis-1,3-Dichloropropene   | 5   | Ū     |
| 108-10-1   | 4-Methyl-2-pentanone      | 5 5 | Ū     |
| 108-88-3   | Toluene                   | 5   | Ū     |
| 10061-02-6 | trans-1,3-Dichloropropene | 5   | Ū     |
| 79-00-5    | 1,1,2-Trichloroethane     | 5   | ט     |
|            | _, _,                     |     |       |
|            |                           |     |       |

SMW-23S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME0773

Matrix: (soil/water) WATER

Lab Sample ID: E0773-20B

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6E3488

Level: (low/med) LOW

Date Received: 06/09/06

% Moisture: not dec.

Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

|           | (, 2                        | ,, r.g, oo, <u>r</u>                  | ×                  |
|-----------|-----------------------------|---------------------------------------|--------------------|
| 142-28-9  | 1,3-Dichloropropane         | 5                                     | U                  |
| 127-18-4  | Tetrachloroethene           | 3200                                  | 1                  |
| 591-78-6  | 2-Hexanone                  | - 5200                                | Ü                  |
| 124-48-1  | Dibromochloromethane        | -<br>5                                | LT C               |
| 106-93-4  | 1,2-Dibromoethane           |                                       | U                  |
| 108-90-7  | Chlorobenzene               | -  5                                  | Ü                  |
| 630-20-6  | 1,1,1,2-Tetrachloroethane   | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | U                  |
| 100-41-4  | Ethylbenzene                | -                                     | U                  |
|           | m,p-Xylene                  | -  5                                  | Ü                  |
| 95-47-6   | o-Xvlene                    | -                                     | บ                  |
| 1330-20-7 | Xylene (Total)              | - 5                                   | U                  |
| 100-42-5  | Stvrene                     | -                                     | Ü                  |
| 75-25-2   | Bromoform                   | -                                     | lΰ                 |
| 98-82-8   | Isopropylbenzene            | -                                     | υ                  |
| 79-34-5   | 1,1,2,2-Tetrachloroethane   | -                                     | lΰ                 |
| 108-86-1  | Bromobenzene                | - 5                                   | Ū                  |
| 96-18-4   | 1,2,3-Trichloropropane      | 5 5                                   | lΰ                 |
| 103-65-1  | n-Propylbenzene             | 5                                     | U                  |
| 95-49-8   | 2-Chlorotoluene             | 5 5 5 5 5 5 5 5                       | Ü                  |
| 108-67-8  | 1,3,5-Trimethylbenzene      | 1 5                                   | Ū                  |
| 106-43-4  | 4-Chlorotoluene             | 1 5                                   | Ū                  |
| 98-06-6   | tert-Butylbenzene           | 5                                     | Ū                  |
| 95-63-6   | 1,2,4-Trimethylbenzene      | 5                                     | Ū                  |
| 135-98-8  | sec-Butylbenzene            | 5                                     | Ū                  |
| 99-87-6   | 4-Isopropyltoluene          | 5                                     | Ū                  |
| 541-73-1  | 1,3-Dichlorobenzene         | 5                                     | Ū                  |
| 106-46-7  | 1,4-Dichlorobenzene         | 5                                     | Ū                  |
| 104-51-8  | n-Butylbenzene              | 5                                     | Ū                  |
| 95-50-1   | 1,2-Dichlorobenzene         | 5                                     | Ū                  |
| 96-12-8   | 1,2-Dibromo-3-chloropropane | 5                                     | Ū                  |
| 120-82-1  | 1,2,4-Trichlorobenzene      | 5                                     | Ū                  |
| 87-68-3   | Hexachlorobutadiene         | 5                                     | Ū                  |
| 91-20-3   | Naphthalene                 | 5                                     | Ū                  |
| 87-61-6   | 1,2,3-Trichlorobenzene      | 5                                     | Ū                  |
|           |                             |                                       |                    |
|           |                             | I                                     | ****************** |

### 1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| EPA | SAMPLE | NO. |
|-----|--------|-----|
|     |        |     |

|           | TENTALLVELY        | IDENTIFIED COMPOUNDS | SMW-23S |
|-----------|--------------------|----------------------|---------|
| Lab Name: | MITKEM CORPORATION | Contract:            |         |

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-20B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3488

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS: (uq/L or uq/Kq) ug/L

Number TICs found: 0

| CAS NUMBER   | COMPOUND NAME | 1 | EST. CONC. | 1 |
|--------------|---------------|---|------------|---|
|              |               |   |            |   |
| 1            |               |   |            |   |
| 3            |               |   | •          |   |
| * <b>*</b> • |               |   |            |   |
| 5            |               |   |            |   |
| · ·          |               |   |            |   |
| / •          |               |   |            |   |
| 0.           |               |   |            |   |
| <i>3</i>     |               |   |            |   |
| 10.          |               |   |            |   |
|              |               |   |            |   |
| 14.          |               |   |            |   |
|              |               |   |            |   |
| 14.          |               |   |            |   |
| 16.          |               |   |            |   |
| 17.          |               |   |            |   |
| 18.          |               |   |            |   |
| 19.          |               |   |            |   |
| 20.          |               |   |            |   |
| 44.          |               |   |            |   |
| 44.          |               |   |            |   |
| 23.          |               |   |            |   |
| 24.          |               |   |            |   |
| 25.          |               |   |            |   |
| 26.          |               |   |            |   |
| 24 / •       |               |   |            |   |
| 40.          |               |   |            |   |
| 29.          |               |   |            |   |
| 30           |               |   |            |   |

SMW-23SDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: ME0773

Matrix: (soil/water) WATER

Lab Sample ID: E0773-20BDL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6E3537

Level: (low/med) LOW

Date Received: 06/09/06

% Moisture: not dec.

Date Analyzed: 06/18/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 40.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kq) UG/L

Q

| 75-71-8   |   |   | (49/11 01   | 49/19/00/1   | Q                            |
|---|---|---|---|--|------------------------------|
| 56-23-5Carbon Tetrachloride       200 U         107-06-21, 2-Dichloroethane       200 U         71-43-2Benzene       200 U         79-01-6Trichloroethene       220 D         78-87-51, 2-Dichloropropane       200 U         74-95-3Dibromomethane       200 U         75-27-4Bromodichloromethane       200 U         10061-01-5cis-1, 3-Dichloropropene       200 U         108-88-3Toluene       200 U         10061-02-6trans-1, 3-Dichloropropene       200 U   | 74-87-3 75-01-4 74-83-9 75-00-3 75-69-4 75-35-4 74-88-4 75-15-0 156-60-5 1634-04-4 75-34-3 108-05-4 156-59-2 74-97-5 71-55-6 563-58-6 | ChloromethaneVinyl ChlorideBromomethaneChloroethaneTrichlorofluorome1,1-DichloroetherAcetoneIodomethaneCarbon DisulfideMethylene Chloridtrans-1,2-DichloroetharVinyl acetate2-Butanonecis-1,2-Dichloroethar2,2-DichloropropaBromochlorometharChloroform1,1-Trichloroet1,1-Dichloroprope | ethane  de roethene ether ethene ethene ethene ethene | 200<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200 | ממממממממממממממממממממממממממממ |
| 1634-04-4Methyl tert-butyl ether  | 75-09-2   | Methylene Chlorid   | de  |  | Ū                            |
| 78-93-32-Butanone       200 U         156-59-2cis-1,2-Dichloroethene       360 D         590-20-72,2-Dichloropropane       200 U         74-97-5Bromochloromethane       200 U         67-66-3Chloroform       200 U         71-55-61,1,1-Trichloroethane       200 U         563-58-61,1-Dichloropropene       200 U         56-23-5Carbon Tetrachloride       200 U         107-06-21,2-Dichloroethane       200 U         71-43-2Benzene       200 U         78-87-51,2-Dichloropropane       200 U         74-95-3Dibromomethane       200 U         75-27-4Bromodichloromethane       200 U         108-10-14-Methyl-2-pentanone       200 U         108-88-3Toluene       200 U         10061-02-6trans-1,3-Dichloropropene       200 U | 1634-04-4<br>  75-34-3  | Methyl tert-butyl<br>1,1-Dichloroethar  | ether   | 200<br>200   | ָ<br>ָ<br>ע                  |
| 74-97-5Bromochloromethane       200 U         67-66-3Chloroform       200 U         71-55-61,1,1-Trichloroethane       200 U         563-58-61,1-Dichloropropene       200 U         56-23-5Carbon Tetrachloride       200 U         107-06-21,2-Dichloroethane       200 U         71-43-2Benzene       200 U         79-01-6Trichloroethene       220 D         78-87-51,2-Dichloropropane       200 U         74-95-3Dibromomethane       200 U         75-27-4Bromodichloromethane       200 U         10061-01-5cis-1,3-Dichloropropene       200 U         108-88-3Toluene       200 U         10061-02-6trans-1,3-Dichloropropene       200 U  | 78-93-3<br>156-59-2   | 2-Butanone<br>cis-1.2-Dichloroe   | thene   | 200<br>360   | D<br>U                       |
| 563-58-61,1-Dichloropropene       200 U         56-23-5Carbon Tetrachloride       200 U         107-06-21,2-Dichloroethane       200 U         71-43-2Benzene       200 U         79-01-6Trichloroethene       220 D         78-87-51,2-Dichloropropane       200 U         74-95-3Dibromomethane       200 U         75-27-4Bromodichloromethane       200 U         10061-01-5cis-1,3-Dichloropropene       200 U         108-88-3Toluene       200 U         10061-02-6trans-1,3-Dichloropropene       200 U   | 74-97-5<br>67-66-3  | Bromochloromethar<br>Chloroform   | ne  | 200  | ט                            |
| 107-06-21, 2-Dichloroethane       200       U         71-43-2Benzene       200       U         79-01-6Trichloroethene       220       D         78-87-51, 2-Dichloropropane       200       U         74-95-3Dibromomethane       200       U         75-27-4Bromodichloromethane       200       U         10061-01-5cis-1, 3-Dichloropropene       200       U         108-88-3Toluene       200       U         10061-02-6trans-1, 3-Dichloropropene       200       U   | 563-58-6<br>56-23-5   | 1,1-Dichloroprope<br>Carbon Tetrachlor  | ne<br>ide   | 200  | U                            |
| 78-87-51, 2-Dichloropropane       200 U         74-95-3Dibromomethane       200 U         75-27-4Bromodichloromethane       200 U         10061-01-5cis-1, 3-Dichloropropene       200 U         108-10-14-Methyl-2-pentanone       200 U         108-88-3Toluene       200 U         10061-02-6trans-1, 3-Dichloropropene       200 U  | 107-06-2<br>71-43-2   | 1,2-Dichloroethan   | le  | 200<br>200   | U<br>U                       |
| 10061-01-5cis-1,3-Dichloropropene       200 U         108-10-14-Methyl-2-pentanone       200 U         108-88-3Toluene       200 U         10061-02-6trans-1,3-Dichloropropene       200 U  | 78-87-5<br>74-95-3  | 1,2-Dichloropropa<br>Dibromomethane   |   | 200<br>200   | U<br>U                       |
| 10061-02-6trans-1,3-Dichloropropene 200 U   | 10061-01-5<br>108-10-1  | cis-1,3-Dichlorop<br>4-Methyl-2-pentan  | ropene  | 200<br>200   | ָ<br>ָ<br>ע                  |
|   | 10061-02-6  | trans-1,3-Dichlor   | opropene_<br>hane                                     |  | U                            |

SMW-23SDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME0773

Matrix: (soil/water) WATER

Lab Sample ID: E0773-20BDL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V6E3537

Level: (low/med) LOW

Date Received: 06/09/06

% Moisture: not dec.

Date Analyzed: 06/18/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 40.0

Soil Extract Volume: \_\_\_\_(uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

0

| 142-28-91,3-Dichloropropane         | 200                                   | U  |
|-------------------------------------|---------------------------------------|----|
| 127-18-4Tetrachloroethene           | 5200                                  | -  |
| 591-78-62-Hexanone                  | 200                                   | 1  |
| 124-48-1Dibromochloromethane        | 200                                   | 1  |
| 106-93-41,2-Dibromoethane           | 200                                   | 1  |
| 108-90-7Chlorobenzene               | 200                                   | 1  |
| 630-20-61,1,1,2-Tetrachloroethane   | 200                                   | 1  |
| 100-41-4Ethylbenzene                | 200                                   |    |
| m,p-Xylene                          | 200                                   | 1  |
| 95-47-6O-Xylene                     | 200                                   | 18 |
| 1330-20-7Xylene (Total)             | 200                                   | 1  |
| 100-42-5Styrene                     | I .                                   | i  |
| 75-25-2Bromoform                    | 200                                   | 1  |
| 98-82-8Isopropylbenzene             | 200                                   | 1  |
| 79-34-51,1,2,2-Tetrachloroethane    | 200                                   | 1  |
| 108-86-1Bromobenzene                | 200                                   | 1  |
| 96-18-41,2,3-Trichloropropane       | 200                                   | 1  |
| 102 65 1 p. Dropylhonzone           | 200                                   | 1  |
| 103-65-1n-Propylbenzene             | 200                                   | 1  |
| 95-49-82-Chlorotoluene              | 200                                   |    |
| 108-67-81,3,5-Trimethylbenzene      | 200                                   |    |
| 106-43-44-Chlorotoluene             | 200                                   |    |
| 98-06-6tert-Butylbenzene            | 200                                   | ı  |
| 95-63-61,2,4-Trimethylbenzene       | 200                                   | ł  |
| 135-98-8sec-Butylbenzene            | 200                                   |    |
| 99-87-64-Isopropyltoluene           | 200                                   | U  |
| 541-73-11,3-Dichlorobenzene         | 200                                   | U  |
| 106-46-71,4-Dichlorobenzene         | 200                                   | U  |
| 104-51-8n-Butylbenzene              | 200                                   | U  |
| 95-50-11,2-Dichlorobenzene          | 200                                   | U  |
| 96-12-81, 2-Dibromo-3-chloropropane | 200                                   | U  |
| 120-82-11,2,4-Trichlorobenzene      | 200                                   | U  |
| 87-68-3Hexachlorobutadiene          | 200                                   |    |
| 91-20-3Naphthalene                  |                                       | Ū  |
| 87-61-61,2,3-Trichlorobenzene       | · · · · · · · · · · · · · · · · · · · | Ū  |
|                                     |                                       | _  |
|                                     |                                       |    |

### 1E

### VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SMW-23SDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: ME0773

Matrix: (soil/water) WATER

Lab Sample ID: E0773-20BDL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3537

Level: (low/med) LOW

Soil Extract Volume: (uL)

Date Received: 06/09/06

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/18/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 40.0

Soil Aliquot Volume: \_\_\_\_(uL)

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

|              |               | 1     |   | <u> </u>                                |
|--------------|---------------|-------|---|---|
| CAS NUMBER   | COMPOUND NAME | RT    | EST. CONC.                              | I                                       |
| 1.           | UNKNOWN       | 11.12 | ======================================= |   |
| 2. 138-86-3  | LIMONENE      | 12.13 |   |   |
| 3            | DIPONENE      | 12.13 | 1000                                    | מטען                                    |
| 3            |               |       |   |   |
| 4            |               |       |   |   |
| 5.<br>6.     |               |       |   |   |
| 7            |               |       |   |   |
| 8.           |               |       |   |   |
| 9.           |               |       |   |   |
| 10.          |               |       | <b>*****</b>                            |   |
| 1 11         |               |       |   |   |
| 1 12.        |               |       |   |   |
|              |               |       |   |   |
| 1 14.        |               |       |   |   |
|              |               |       |   | *************************************** |
| 1 10.        |               |       |   |   |
| 1 1 / .      |               |       |   |   |
| 1 10.        |               |       |   |   |
| <b>  エフ・</b> |               |       |   |   |
|              |               |       |   |   |
| 1 41.        |               |       |   |   |
| 44.          |               |       |   |   |
|              |               |       |   |   |
| 1 44.        |               |       |   |   |
|              |               |       |   |   |
| . 20.        |               |       |   |   |
|              |               |       |   |   |
| 1 40.        |               |       |   |   |
| 43.          |               |       |   |   |
| 30.          |               |       |   |   |
| l            |               |       |   | *************************************** |

SMW-3A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER

Lab Sample ID: E0773-18B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID:

V6E3486

Level: (low/med) LOW

Date Received: 06/09/06

% Moisture: not dec.

Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

|                                     | ,                          | +  |
|-------------------------------------|----------------------------|----|
| 75-71-8Dichlorodifluoromethane      | 5                          | U  |
| 74-87-3Chloromethane                | 5                          | lΰ |
| 75-01-4Vinyl Chloride               | 5                          | Ū  |
| 74-83-9Bromomethane                 | 5                          | Ū  |
| 75-00-3Chloroethane                 | .5                         | U  |
| 75-69-4Trichlorofluoromethane       | 5                          | Ū  |
| 75-35-41,1-Dichloroethene           | 5                          | Ū  |
| 67-64-1Acetone                      | 5<br>5<br>5<br>5<br>5<br>5 | Ū  |
| 74-88-4Iodomethane                  | 5                          | U  |
| 75-15-0Carbon Disulfide             | 5                          | U  |
| 75-09-2Methylene Chloride           | 5                          | Ū  |
| 156-60-5trans-1,2-Dichloroethene    | 5                          | U  |
| 1634-04-4Methyl tert-butyl ether    | 5 5                        | Ū  |
| 75-34-31,1-Dichloroethane           | 5                          | lΰ |
| 108-05-4Vinyl acetate               | 5                          | lΰ |
| 78-93-32-Butanone                   | 5                          | lΰ |
| 156-59-2cis-1,2-Dichloroethene      | 5                          | Ü  |
| 590-20-72,2-Dichloropropane         | 5                          | Ū  |
| 74-97-5Bromochloromethane           | 5                          | Ū  |
| 67-66-3Chloroform                   | 5                          | Ū  |
| 71-55-61,1,1-Trichloroethane        | 5<br>5                     | Ū  |
| 563-58-61,1-Dichloropropene         | 5                          | lΰ |
| 56-23-5Carbon Tetrachloride         | 5<br>5                     | ľŪ |
| 107-06-21,2-Dichloroethane          | 5                          | Ū  |
| 71-43-2Benzene                      | 5                          | Ū  |
| 79-01-6Trichloroethene              | 5                          | Ū  |
| 78-87-51,2-Dichloropropane          | 5                          | lΰ |
| 74-95-3Dibromomethane               | 5                          | Ū  |
| 75-27-4Bromodichloromethane         | 5<br>5<br>5<br>5<br>5      | Ū  |
| 10061-01-5cis-1,3-Dichloropropene   | 5                          | U  |
| 108-10-14-Methyl-2-pentanone        | 5                          | บ  |
| 108-88-3Toluene                     | 5                          | Ū  |
| 10061-02-6trans-1,3-Dichloropropene | 5                          | Ū  |
| 79-00-51,1,2-Trichloroethane        | 5                          | π  |
|                                     |                            | ٦  |
|                                     |                            |    |

### 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

SMW-3A
Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-18B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3486

Level: (low/med) LOW Date Received: 06/09/06

% Moisture: not dec. Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 142-28-9----1,3-Dichloropropane 5 U 5 U 127-18-4-----Tetrachloroethene 5 U 591-78-6----2-Hexanone 5 U 124-48-1-----Dibromochloromethane 5 U 106-93-4-----1,2-Dibromoethane 5 U 5 U 108-90-7-----Chlorobenzene 630-20-6----1,1,1,2-Tetrachloroethane 5 U 100-41-4-----Ethylbenzene 5 U ----m,p-Xylene 5 U 95-47-6----o-Xylene 5 1330-20-7-----Xylene (Total) U 5 U 100-42-5----Styrene 5 | U 75-25-2-----Bromoform 5 U 98-82-8-----Isopropylbenzene 5 5 5 U 79-34-5----1,1,2,2-Tetrachloroethane U 108-86-1-----Bromobenzene 96-18-4----1,2,3-Trichloropropane U 5 103-65-1----n-Propylbenzene U 5 95-49-8----2-Chlorotoluene U 5 108-67-8-----1,3,5-Trimethylbenzene U 106-43-4-----4-Chlorotoluene U 5 98-06-6----tert-Butylbenzene U 5 | U 95-63-6----1,2,4-Trimethylbenzene 5 U 135-98-8----sec-Butylbenzene 5 U 99-87-6----4-Isopropyltoluene 541-73-1----1,3-Dichlorobenzene 5 U 5 U 106-46-7----1,4-Dichlorobenzene 5 U 104-51-8----n-Butylbenzene 95-50-1-----1,2-Dichlorobenzene 5 U 5 Ũ 96-12-8-----1,2-Dibromo-3-chloropropane 5 U 120-82-1----1,2,4-Trichlorobenzene 5 U 87-68-3-----Hexachlorobutadiene 5 U 91-20-3-----Naphthalene 87-61-6----1,2,3-Trichlorobenzene 5 U

### 1E

### VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

| SMW- | 3A |
|------|----|
|      |    |

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER

Lab Sample ID: E0773-18B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3486

Level: (low/med) LOW

Date Received: 06/09/06

Date Analyzed: 06/14/06

% Moisture: not dec. \_\_\_\_\_

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) uq/L

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|------------|---------------|----|------------|---|
| 1          |               |    |            |   |
| 4.         |               |    |            |   |
| 6.         |               |    |            |   |
| 7.         |               |    |            |   |
| 9          |               |    |            |   |
| 11.<br>12. |               |    |            |   |
| 13.        |               |    |            |   |
| 15.<br>16. |               |    |            |   |
| 17.<br>18. |               |    |            |   |
| 19.        |               |    |            |   |
| 21.        |               |    |            |   |
| 23.        |               |    |            |   |
| 25.<br>26. |               |    |            |   |
| Z1.        |               |    |            |   |
| 28.        |               |    |            |   |
| 30         |               |    |            |   |

SMW23D

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER

Lab Sample ID: E0773-21B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3511

Level: (low/med) LOW

Date Received: 06/09/06

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/15/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

|                                     |                            | <del></del> |
|-------------------------------------|----------------------------|-------------|
| 75-71-8Dichlorodifluoromethane      | 5                          | ט           |
| 74-87-3Chloromethane                | 5                          | U           |
| 75-01-4Vinyl Chloride               | 5                          | U           |
| 74-83-9Bromomethane                 | 5                          | U           |
| 75-00-3Chloroethane                 | . 5                        | U           |
| 75-69-4Trichlorofluoromethane       | 5                          | U           |
| 75-35-41,1-Dichloroethene           | 5                          | U           |
| 67-64-1Acetone                      | 5<br>5<br>5<br>5<br>5<br>5 | U           |
| 74-88-4Iodomethane                  | 5                          | U           |
| 75-15-0Carbon Disulfide             | 5                          | U           |
| 75-09-2Methylene Chloride           | 5                          | U           |
| 156-60-5trans-1,2-Dichloroethene    | . 5                        | U           |
| 1634-04-4Methyl tert-butyl ether    | 5                          | U           |
| 75-34-31,1-Dichloroethane           | 5                          | U           |
| 108-05-4Vinyl acetate               | 5                          | U           |
| 78-93-32-Butanone                   | 5                          | U -         |
| 156-59-2cis-1,2-Dichloroethene      | 5                          | U           |
| 590-20-72,2-Dichloropropane         | 5                          | Ū           |
| 74-97-5Bromochloromethane           | 5                          | U           |
| 67-66-3Chloroform                   | 5<br>5<br>5<br>5<br>5<br>5 | U           |
| 71-55-61,1,1-Trichloroethane        | 5                          | U           |
| 563-58-61,1-Dichloropropene         | 5                          | U           |
| 56-23-5Carbon Tetrachloride         | 5                          | U           |
| 107-06-21,2-Dichloroethane          | 5                          | U           |
| 71-43-2Benzene                      | 5                          | U           |
| 79-01-6Trichloroethene              | 5                          | U           |
| 78-87-51,2-Dichloropropane          | 5<br>5                     | U           |
| 74-95-3Dibromomethane               | 5                          | U           |
| 75-27-4Bromodichloromethane         | 5                          | U           |
| 10061-01-5cis-1,3-Dichloropropene   | 5                          | Ū           |
| 108-10-14-Methyl-2-pentanone        | 5                          | U           |
| 108-88-3Toluene                     | 5                          | U           |
| 10061-02-6trans-1,3-Dichloropropene | 5                          | U           |
| 79-00-51,1,2-Trichloroethane        | 5                          | U           |
| , ,                                 |                            |             |
|                                     |                            | ·           |

SMW23D

Q

SDG No.: ME0773

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.:

Lab Sample ID: E0773-21B Matrix: (soil/water) WATER

Lab File ID: V6E3511 5.000 (g/mL) ML Sample wt/vol:

Date Received: 06/09/06 (low/med) Level: LOW

Date Analyzed: 06/15/06 % Moisture: not dec.

Dilution Factor: 1.0 GC Column: DB-624 ID: 0.25 (mm)

Soil Aliquot Volume: \_\_\_\_(uL) Soil Extract Volume: (uL)

> CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

COMPOUND CAS NO. 5 | U 142-28-9-----1,3-Dichloropropane 4 J 127-18-4-----Tetrachloroethene 5 U 591-78-6----2-Hexanone 5 U 124-48-1-----Dibromochloromethane 5 U 106-93-4----1,2-Dibromoethane 5 U 108-90-7-----Chlorobenzene 630-20-6-----1,1,1,2-Tetrachloroethane 5 U 5 U 100-41-4-----Ethylbenzene 5 U ----m,p-Xylene 5 5 95-47-6----o-Xylene U U 1330-20-7-----Xylene (Total) 5 U 100-42-5----Styrene 5 U 75-25-2-----Bromoform 5 5 U 98-82-8-----Isopropylbenzene U 79-34-5----1,1,2,2-Tetrachloroethane 5 108-86-1-----Bromobenzene U 5 U 96-18-4-----1,2,3-Trichloropropane\_\_ 5 5 5 103-65-1----n-Propylbenzene U U 95-49-8-----2-Chlorotoluene 108-67-8-----1,3,5-Trimethylbenzene U 5 U 106-43-4----4-Chlorotoluene 5 U 98-06-6-----tert-Butylbenzene 5 U 95-63-6-----1,2,4-Trimethylbenzene 5 U 135-98-8----sec-Butylbenzene 5 U 99-87-6----4-Isopropyltoluene 5 U 541-73-1----1,3-Dichlorobenzene 5 U 106-46-7----1,4-Dichlorobenzene 5 U 104-51-8----n-Butylbenzene 5 U 95-50-1----1,2-Dichlorobenzene 5 U 96-12-8-----1,2-Dibromo-3-chloropropane\_ 5 U 120-82-1----1,2,4-Trichlorobenzene 5 U 87-68-3-----Hexachlorobutadiene 5 U 91-20-3-----Naphthalene 5 | U 87-61-6-----1,2,3-Trichlorobenzene

#### 1E

EPA SAMPLE NO.

# VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: E0773-21B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3511

% Moisture: not dec. Date Analyzed: 06/15/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Date Received: 06/09/06

Number TICs found: 1

Level: (low/med) LOW

| CAS NUMBER | COMPOUND NAME | RT   | EST. CONC.                              | 1   |
|------------|---------------|------|---|-----|
| 1.         | UNKNOWN       | 9.81 | 6                                       | 1 1 |
| 2          | OMMONIA       | 7.81 |   | J   |
| 2.<br>3.   |               |      |   |     |
|            |               |      |   |     |
| J.         |               |      |   |     |
| 0.         |               |      |   |     |
| 1 /.       |               |      |   |     |
| 1 0.       |               |      | *************************************** |     |
| 9.<br>10.  |               |      |   |     |
|            |               |      |   |     |
| 1 14.      |               |      |   |     |
| 1 10.      |               |      |   |     |
| 1 14       |               |      |   |     |
| 1          |               |      |   |     |
| 10.        |               |      |   |     |
| 17.        |               |      |   |     |
| 1 19.      |               |      |   |     |
| 1 20.      |               |      |   |     |
|            |               |      |   |     |
| 44.        |               |      |   |     |
| 1 45.      |               |      |   |     |
| 1 44.      |               |      | *************************************** |     |
| 25.        |               |      |   |     |
| 26.        |               |      |   |     |
| 27.<br>28. |               |      |   |     |
| 29.        |               |      |   |     |
| 30.        |               |      |   |     |
|            |               |      |   |     |

## VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER

Lab Sample ID: LCS-23563

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3473

Level: (low/med) LOW

Date Received: \_\_\_\_\_

Date Analyzed: 06/14/06

% Moisture: not dec.

GC C lumn: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: \_\_\_\_(uL)

So xtract Volume: (uL)

CONCENTRATION UNITS:

| 4 <sup>(1)</sup> | COMPOUND (ug         | /L or ug/Kg) UG/L  |    | Q     |
|------------------|----------------------|--|----|-------|
| 75-71-3          | Dichlorodifluorometh | ane  | 43 |       |
| ~                | Chloromethane        |  | 46 |       |
|                  | Vinyl Chloride       |  | 57 |       |
|                  | Bromomethane         |  | 57 |       |
| 75               | Chloroethane         |  | 63 |       |
| 75-65            | Trichlorofluorometha | ne   | 64 |       |
| 75-35-4          | 1,1-Dichloroethene   |  | 46 |       |
| 67-64-1          | Acetone              |  | 46 |       |
| 74-88-4          | Iodomethane          |  | 50 |       |
| 75-15-0          | Carbon Disulfide     | · .  | 46 |       |
|                  | Methylene Chloride   |  | 45 |       |
| 156-60-5         | trans-1,2-Dichloroet | hene   | 46 |       |
| 1634-04-4        | Methyl tert-butyl et | her —  | 55 |       |
|                  | 1,1-Dichloroethane   | Control of the Contro | 45 |       |
| 108-05-4         | Vinyl acetate        |  | 50 |       |
| 70-03-3          | 2-Butanone           |  | 52 |       |
| 156-59-2         | cis-1,2-Dichloroethe | ne   | 48 |       |
| E00 20-7         | 2,2-Dichloropropane_ |  | 45 |       |
| 390-20-7         | Bromochloromethane   |  | 51 |       |
| (7 (6 )          | Chloroform           |  | 46 |       |
| 0/-00-3          | 1,1,1-Trichloroethan |  | 47 |       |
| 71-55-6          | 1,1-Dichloropropene_ |  | 46 |       |
| 563-58-6         | Carbon Tetrachloride |  | 48 |       |
| 56-23-5          | 1,2-Dichloroethane   |  | 52 |       |
|                  |                      |  | 48 |       |
| 71-43-2          | Benzene              |  | 47 |       |
|                  | Trichloroethene      |  | 47 |       |
| 78-87-5          | 1,2-Dichloropropane_ |  | 52 |       |
|                  | Dibromomethane       |  | 50 |       |
|                  | Bromodichloromethane |  | 49 | ····· |
| 10061-01-5-      | cis-1,3-Dichloroprop | Berre  | 50 |       |
| 108-10-1         | 4-Methyl-2-pentanone |  | -  |       |
| 108-88-3         | Toluene              |  | 47 |       |
| 10061-02-6-      | trans-1,3-Dichloropr | opene  | 49 |       |
| 79-00-5          | 1,1,2-Trichloroethan | ie   | 53 |       |

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

|          | V6KLCS      |
|----------|-------------|
| SDG      | No.: ME0773 |
| mple ID: | LCS-23563   |
| le ID:   | V6E3473     |

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.:

Matrix: (soil/water) WATER

Lab Sar

Sample wt/vol: 5.000 (g/mL) ML Lab Fi

Level: (low/med) LOW

Date Received: \_\_\_\_

% Moisture: not dec.

Date Analyzed: 06/14/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: \_\_\_\_(uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS:

| CAS NO.   | COMPOUND  |  | ug/Kg) UG/L |  | Q |
|---|---|--|-------------|--|---|
| 142-28-9 127-18-4 591-78-6 124-48-1 106-93-4 108-90-7 630-20-6 100-41-4 95-47-6 1330-20-7 100-42-5 98-82-8 98-82-8 108-86-1 96-18-4 95-49-8 | 1,3-DichloroproTetrachloroethe2-HexanoneDibromochlorome1,2-DibromoethaChlorobenzene1,1,1,2-TetrachEthylbenzenem,p-XyleneXyleneXyleneStyreneStyreneBromoformIsopropylbenzene1,1,2,2-TetrachBromobenzene1,2,3-Trichloro | (ug/L or pane                                  |             | 50<br>48<br>49<br>50<br>48<br>49<br>46<br>47<br>48<br>54<br>54<br>54<br>47 | Q |
| 108-67-8<br>106-43-4<br>98-06-6<br>95-63-6<br>135-98-8<br>99-87-6   | 2-Chlorotoluene<br>1,3,5-Trimethyl<br>4-Chlorotoluene<br>tert-Butylbenze<br>1,2,4-Trimethyl<br>sec-Butylbenzen<br>4-Isopropyltolu<br>1,3-Dichloroben  | benzene<br>ne<br>benzene<br>e<br>ene           |             | 47<br>46<br>47<br>48<br>46<br>46<br>47                                     |   |
| 106-46-7<br>104-51-8<br>95-50-1<br>96-12-8<br>120-82-1<br>87-68-3<br>91-20-3  | 1,4-Dichloroben<br>n-Butylbenzene_<br>1,2-Dichloroben<br>1,2-Dibromo-3-c<br>1,2,4-Trichloro<br>Hexachlorobutad  | zene<br>zene<br>hloropropan<br>benzene<br>iene | e           | 49<br>45<br>49<br>46<br>42<br>43<br>42<br>38                               |   |

### 1A VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

| Lab Name: MITKEM CORI | PORATION (      | Contract:     | V6LLCS        |
|-----------------------|-----------------|---------------|---------------|
| Lab Code: MITKEM      | Case No.:       | SAS No.: SDO  | G No.: ME0773 |
| Matrix: (soil/water)  | WATER           | Lab Sample ID | : LCS-23536   |
| Sample wt/vol:        | 5.000 (g/mL) ML | Lab File ID:  | V6E3503       |
| Level: (low/med)      | LOW             | Date Received | •             |
| % Moisture: not dec.  |                 | Date Analyzed | : 06/15/06    |
|                       |                 |               |               |

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

| 75-71-8    | Dichlorodifluoromethane   | 48 |
|------------|---------------------------|----|
| 74-87-3    | Chloromethane             | 48 |
| 75-01-4    | Vinyl Chloride            | 56 |
| 74-83-9    | Bromomethane              | 59 |
|            | Chloroethane              | 64 |
| 75-69-4    | Trichlorofluoromethane    | 28 |
| 75-35-4    | 1,1-Dichloroethene        | 46 |
| 67-64-1    |                           | 43 |
|            | Iodomethane               | 52 |
|            | Carbon Disulfide          | 46 |
| 75-09-2    | Methylene Chloride        | 47 |
| 156-60-5   | trans-1,2-Dichloroethene  | 46 |
| 1634-04-4  | Methyl tert-butyl ether   | 54 |
| 75-34-3    | 1,1-Dichloroethane        | 47 |
| 108-05-4   | Vinyl acetate             | 49 |
| 78-93-3    | 2-Butanone                | 49 |
| 156-59-2   | cis-1,2-Dichloroethene    | 49 |
| 590-20-7   | 2,2-Dichloropropane       | 46 |
| 74-97-5    | Bromochloromethane        | 52 |
| 67-66-3    | Chloroform                | 42 |
|            | 1,1,1-Trichloroethane     | 46 |
| 563-58-6   | 1,1-Dichloropropene       | 50 |
| 56-23-5    | Carbon Tetrachloride      | 49 |
| 107-06-2   | 1,2-Dichloroethane        | 51 |
| 71-43-2    | Benzene                   | 48 |
|            | Trichloroethene           | 48 |
| 78-87-5    | 1,2-Dichloropropane       | 48 |
|            | Dibromomethane            | 52 |
|            | Bromodichloromethane      | 50 |
| 10061-01-5 | cis-1,3-Dichloropropene   | 48 |
| 108-10-1   | 4-Methyl-2-pentanone      | 47 |
| 108-88-3   | Toluene                   | 47 |
| 10061-02-6 | trans-1,3-Dichloropropene | 47 |
|            | 1,1,2-Trichloroethane     | 51 |

EPA SAMPLE NO.

| Lab Name: | MITKEM COR  | PORATION (      | Contract:   |      | V6LLCS                                  |  |
|-----------|-------------|-----------------|-------------|------|---|--|
| Lab Code: | MITKEM      | Case No.:       | SAS No.:    | SDG  | No.: ME0773                             |  |
| Matrix: ( | soil/water) | WATER           | Lab Sample  | ID:  | LCS-23536                               |  |
| Sample wt | /vol:       | 5.000 (g/mL) ML | Lab File II | ):   | V6E3503                                 |  |
| Level:    | (low/med)   | LOW             | Date Receiv | ved: | *************************************** |  |

CONCENTRATION UNITS:

% Moisture: not dec. \_\_\_\_ Date Analyzed: 06/15/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

| CAS NO.  | COMPOUND  | CONCENTRATI (ug/L or ug                 |     |  | Q |
|--|---|---|-----|--|---|
| 142-28-9 127-18-4 591-78-6 124-48-1 106-93-4 108-90-7 630-20-6 100-41-4 95-47-6 1330-20-7 100-42-5 98-82-8 108-86-1 96-18-4 103-65-1 95-49-8 106-43-4 95-63-6 135-98-8 106-43-4 95-63-6 135-98-8 106-46-7 104-51-8 106-46-7 104-51-8 95-50-1 96-12-8 97-68-3 87-68-3 91-20-3 | -1,3-Dichloropropale -2-Hexanone -2-Hexanone -1,2-Dibromoethane -1,1,1,2-Tetrachlorobenzene -1,1,1,2-Tetrachlorobenzene -1,1,1,2-Tetrachlorobenzene -2-Chlorobenzene -2-Chlorobenzene -1,1,2,2-Tetrachloropropylbenzene -1,2,3-Trichloropropylbenzene -1,2,3-Trimethylbenzene -2-Chlorotoluene -1,3,5-Trimethylbenzene -1,2,4-Trimethylbenzene -1,2,4-Trimethylbenzene -1,2-Dichlorobenzene -1,2-Dichlorobenzene -1,2-Dichlorobenzene -1,2-Dichlorobenzene -1,2,4-Trichlorobenzene -1,2-Dibromo-3-chl -1,2,4-Trichlorobenzene -1,2-Dibromo-3-chl -1,2,4-Trichlorobenzene -1,2-Dibromo-3-chl -1,2,4-Trichlorobenzene -1,2-Dibromo-3-chl -1,2-Dibromo-3-chl -1,2,4-Trichlorobenzene -1,2-Dibromo-3-chl -1,2,4-Trichlorobenzene -1,2-Dibromo-3-chl -1,2-Dibromo-3-chl -1,2,4-Trichlorobenzene -Naphthalene | ene | 1   | 45455594495455554488689495118<br>9040190188094688689495118 |   |
| 87-61-6  | -1,2,3-Trichlorobe  | nzene                                   | . 3 | 36   |   |

EPA SAMPLE NO.

|     |     | V6MLCS      |  |
|-----|-----|-------------|--|
|     | SDG | No.: ME0773 |  |
| .e  | ID: | LCS-24249   |  |
| ID: |     | V6E3533     |  |

Lab Name: MITKEM CORPORATION Contract:

Matrix: (soil/water) WATER

Lab Sampl

Sample wt/vol: 5.000 (g/mL) ML Lab File

Level: (low/med) LOW

Date Received: \_\_\_\_\_

% Moisture: not dec.

Date Analyzed: 06/18/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: \_\_\_\_(uL)

Soil Extract Volume: \_\_\_\_(uL)

CAS NO. COMPOUND

Lab Code: MITKEM Case No.: SAS No.:

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q

|          |                           |    | ~                                       |
|----------|---------------------------|----|---|
| 75-71-8  | Dichlorodifluoromethane   | 40 |   |
|          | Chloromethane             | 38 |   |
| 75-01-4  | Vinyl Chloride            | 45 |   |
| 74-83-9  | Bromomethane              | 46 |   |
|          | Chloroethane              | 52 |   |
|          | Trichlorofluoromethane    | 60 |   |
|          | 1,1-Dichloroethene        | 42 |   |
| 67-64-1  |                           | 48 |   |
| 74-88-4  |                           | 46 |   |
| 75-15-0  | Carbon Disulfide          | 38 |   |
| 75-09-2  | Methylene Chloride        | 46 |   |
| 156-60-5 | trans-1,2-Dichloroethene  | 45 |   |
|          | Methyl tert-butyl ether   | 48 | *************************************** |
| 75-34-3  | 1,1-Dichloroethane        | 47 |   |
| 108-05-4 | Vinyl acetate             | 46 |   |
| 78-93-3  |                           | 48 |   |
| 156-59-2 | cis-1,2-Dichloroethene    | 47 |   |
| 590-20-7 | 2,2-Dichloropropane       | 46 |   |
|          | Bromochloromethane        | 49 | *************************************** |
| 67-66-3  | Chloroform                | 46 |   |
| 71-55-6  | 1,1,1-Trichloroethane     | 47 | *************************************** |
| 563-58-6 | 1,1-Dichloropropene       | 50 |   |
| 56-23-5  | Carbon Tetrachloride      | 47 | *************************************** |
| 107-06-2 | 1,2-Dichloroethane        | 49 |   |
| 71-43-2  | Benzene                   | 46 |   |
| 79-01-6  | Trichloroethene           | 48 |   |
| 78-87-5  | 1,2-Dichloropropane       | 47 |   |
|          | Dibromomethane            | 48 |   |
| 75-27-4  | Bromodichloromethane      | 48 |   |
|          | cis-1,3-Dichloropropene   | 48 | *************************************** |
| 108-10-1 | 4-Methyl-2-pentanone      | 49 |   |
| 108-88-3 | Toluene                   | 47 |   |
|          | trans-1,3-Dichloropropene | 48 |   |
|          | 1,1,2-Trichloroethane     | 53 |   |
|          |                           |    |   |
|          |                           |    |   |

EPA SAMPLE NO.

| V6MLCS |   |
|--------|---|
|        | ı |
|        |   |

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: LCS-24249

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3533

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 06/18/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

GC COTUMET: DB-624 ID: 0.25 (mail) DITUCTOR recept. 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q

| 142-28-91,3-Dichloropropane       48         127-18-4Tetrachloroethene       47         591-78-6  | CAD 110.  | COMPOSITE (ag/ 11 of ag/  | J,, |  |
|---|-----------|---------------------------|-----|--|
| 127-18-4Tetrachloroethene   | 142-28-9  | 1 3-Dichloropropane       | 48  |  |
| 591-78-62-Hexanone       46         124-48-1Dibromochloromethane       50         106-93-41, 2-Dibromoethane       48         108-90-7Chlorobenzene       47         630-20-61, 1, 1, 2-Tetrachloroethane       48         100-41-4   |           |                           |     |  |
| 124-48-1  |           |                           | l l |  |
| 106-93-41, 2-Dibromoethane       48         108-90-7Chlorobenzene       47         630-20-61, 1, 1, 2-Tetrachloroethane       48         100-41-4Ethylbenzene       47  |           |                           |     |  |
| 108-90-7Chlorobenzene       47         630-20-61,1,1,2-Tetrachloroethane       48         100-41-4Ethylbenzene       47   |           |                           |     |  |
| 630-20-61,1,1,2-Tetrachloroethane 100-41-4Ethylbenzene  |           |                           |     |  |
| 100-41-4Ethylbenzene       47   |           |                           | 48  |  |
| 95-47-6   |           |                           | 47  |  |
| 95-47-6   |           |                           | 96  |  |
| 1330-20-7Xylene (Total)       140         100-42-5Styrene       48         75-25-2  |           |                           | 48  |  |
| 100-42-5Styrene       48         75-25-2Bromoform       50         98-82-8Isopropylbenzene       48         79-34-51,1,2,2-Tetrachloroethane       50         108-86-1Bromobenzene       49         96-18-41,2,3-Trichloropropane       52         103-65-1   | 1330-20-7 | Xylene (Total)            | 140 |  |
| 75-25-2Bromoform 98-82-8Isopropylbenzene 79-34-51,1,2,2-Tetrachloroethane 108-86-1Bromobenzene 96-18-41,2,3-Trichloropropane 103-65-1n-Propylbenzene 95-49-82-Chlorotoluene 108-67-81,3,5-Trimethylbenzene 106-43-44-Chlorotoluene 95-63-6tert-Butylbenzene 135-98-8sec-Butylbenzene 135-98-8sec-Butylbenzene 99-87-61,2,4-Trimethylbenzene 106-46-71,3-Dichlorobenzene 106-46-71,4-Dichlorobenzene 106-51-8  |           |                           | 48  |  |
| 98-82-8   |           |                           | 50  |  |
| 79-34-51,1,2,2-Tetrachloroethane       50         108-86-1Bromobenzene       49         96-18-41,2,3-Trichloropropane       52         103-65-1Propylbenzene       46         95-49-82-Chlorotoluene       48         108-67-81,3,5-Trimethylbenzene       48         106-43-44-Chlorotoluene       47         98-06-6tert-Butylbenzene       48         95-63-61,2,4-Trimethylbenzene       48         99-87-6   |           |                           | 48  |  |
| 108-86-1Bromobenzene       49         96-18-41,2,3-Trichloropropane       52         103-65-1n-Propylbenzene       46         95-49-82-Chlorotoluene       48         108-67-81,3,5-Trimethylbenzene       48         106-43-44-Chlorotoluene       47         98-06-6tert-Butylbenzene       48         95-63-61,2,4-Trimethylbenzene       48         135-98-8sec-Butylbenzene       46         99-87-64-Isopropyltoluene       46         541-73-11,3-Dichlorobenzene       48         106-46-71,4-Dichlorobenzene       50         104-51-8n-Butylbenzene       50         95-50-11,2-Dichlorobenzene       50         96-12-81,2-Dibromo-3-chloropropane       47         120-82-11,2,4-Trichlorobenzene       42         87-68-3Naphthalene       40  | 79-34-5   | 1,1,2,2-Tetrachloroethane | 50  |  |
| 103-65-1  | 108-86-1  | Bromobenzene              |     |  |
| 95-49-82-Chlorotoluene 108-67-81,3,5-Trimethylbenzene 106-43-44-Chlorotoluene 98-06-6tert-Butylbenzene 95-63-61,2,4-Trimethylbenzene 135-98-8sec-Butylbenzene 99-87-64-Isopropyltoluene 541-73-11,3-Dichlorobenzene 106-46-71,4-Dichlorobenzene 104-51-8n-Butylbenzene 95-50-11,2-Dichlorobenzene 96-12-81,2-Dichlorobenzene 120-82-11,2,4-Trichlorobenzene 87-68-3Hexachlorobutadiene 91-20-3Naphthalene   |           |                           | 1   |  |
| 95-49-82-Chlorotoluene       48         108-67-81,3,5-Trimethylbenzene       48         106-43-44-Chlorotoluene       47         98-06-6tert-Butylbenzene       48         95-63-61,2,4-Trimethylbenzene       48         135-98-8sec-Butylbenzene       46         99-87-64-Isopropyltoluene       46         541-73-11,3-Dichlorobenzene       48         106-46-71,4-Dichlorobenzene       50         104-51-8n-Butylbenzene       46         95-50-11,2-Dichlorobenzene       50         96-12-81,2-Dibromo-3-chloropropane       47         120-82-11,2,4-Trichlorobenzene       42         87-68-3  | 103-65-1  | n-Propylbenzene           |     |  |
| 106-43-44-Chlorotoluene       47         98-06-6tert-Butylbenzene       48         95-63-61,2,4-Trimethylbenzene       48         135-98-8sec-Butylbenzene       46         99-87-64-Isopropyltoluene       46         541-73-11,3-Dichlorobenzene       48         106-46-71,4-Dichlorobenzene       50         104-51-8n-Butylbenzene       50         95-50-11,2-Dichlorobenzene       50         96-12-81,2-Dibromo-3-chloropropane       47         120-82-11,2,4-Trichlorobenzene       42         87-68-3  | 95-49-8   | 2-Chlorotoluene           |     |  |
| 98-06-6tert-Butylbenzene       48         95-63-61,2,4-Trimethylbenzene       48         135-98-8sec-Butylbenzene       46         99-87-64-Isopropyltoluene       46         541-73-11,3-Dichlorobenzene       48         106-46-71,4-Dichlorobenzene       50         104-51-8n-Butylbenzene       46         95-50-11,2-Dichlorobenzene       50         96-12-81,2-Dibromo-3-chloropropane       47         120-82-11,2,4-Trichlorobenzene       42         87-68-3Hexachlorobutadiene       43         91-20-3Naphthalene       40   |           |                           | 1   |  |
| 95-63-61,2,4-Trimethylbenzene       48         135-98-8sec-Butylbenzene       46         99-87-64-Isopropyltoluene       46         541-73-11,3-Dichlorobenzene       48         106-46-71,4-Dichlorobenzene       50         104-51-8n-Butylbenzene       46         95-50-11,2-Dichlorobenzene       50         96-12-81,2-Dibromo-3-chloropropane       47         120-82-11,2,4-Trichlorobenzene       42         87-68-3   |           |                           | 1 1 |  |
| 135-98-8sec-Butylbenzene       46         99-87-64-Isopropyltoluene       46         541-73-11,3-Dichlorobenzene       48         106-46-71,4-Dichlorobenzene       50         104-51-8n-Butylbenzene       46         95-50-11,2-Dichlorobenzene       50         96-12-81,2-Dibromo-3-chloropropane       47         120-82-11,2,4-Trichlorobenzene       42         87-68-3Hexachlorobutadiene       43         91-20-3Naphthalene       40  |           |                           | 1   |  |
| 99-87-64-Isopropyltoluene       46         541-73-11,3-Dichlorobenzene       48         106-46-71,4-Dichlorobenzene       50         104-51-8Butylbenzene       46         95-50-11,2-Dichlorobenzene       50         96-12-81,2-Dibromo-3-chloropropane       47         120-82-11,2,4-Trichlorobenzene       42         87-68-3Hexachlorobutadiene       43         91-20-3Naphthalene       40  |           |                           | 1   |  |
| 541-73-11,3-Dichlorobenzene       48         106-46-71,4-Dichlorobenzene       50         104-51-8n-Butylbenzene       46         95-50-11,2-Dichlorobenzene       50         96-12-81,2-Dibromo-3-chloropropane       47         120-82-11,2,4-Trichlorobenzene       42         87-68-3Hexachlorobutadiene       43         91-20-3Naphthalene       40   | 135-98-8  | sec-Butylbenzene          | 1   |  |
| 106-46-71,4-Dichlorobenzene       50         104-51-81,2-Dichlorobenzene       46         95-50-11,2-Dichlorobenzene       50         96-12-81,2-Dibromo-3-chloropropane       47         120-82-11,2,4-Trichlorobenzene       42         87-68-3Hexachlorobutadiene       43         91-20-3Naphthalene       40   |           |                           | 1   |  |
| 104-51-8n-Butylbenzene       46         95-50-11,2-Dichlorobenzene       50         96-12-81,2-Dibromo-3-chloropropane       47         120-82-11,2,4-Trichlorobenzene       42         87-68-3Hexachlorobutadiene       43         91-20-3Naphthalene       40   |           |                           | 1   |  |
| 95-50-11, 2-Dichlorobenzene       50         96-12-81, 2-Dibromo-3-chloropropane       47         120-82-11, 2, 4-Trichlorobenzene       42         87-68-3Hexachlorobutadiene       43         91-20-3Naphthalene       40   |           |                           | 1   |  |
| 96-12-81,2-Dibromo-3-chloropropane       47         120-82-11,2,4-Trichlorobenzene       42         87-68-3Hexachlorobutadiene       43         91-20-3Naphthalene       40   |           |                           |     |  |
| 120-82-11,2,4-Trichlorobenzene       42         87-68-3Hexachlorobutadiene       43         91-20-3Naphthalene       40   |           |                           | I I |  |
| 87-68-3Hexachlorobutadiene 43 91-20-3Naphthalene 40   |           |                           |     |  |
| 91-20-3Naphthalene 40   |           |                           |     |  |
| 71 20 5 100 part 100 |           |                           | 1   |  |
| 87-61-61,2,3-Trichlorobenzene38   | 91-20-3   | Naphthalene               | 1   |  |
|   | 87-61-6   | 1,2,3-Trichlorobenzene    | 38  |  |
|   |           |                           |     |  |

Soil Extract Volume: \_\_\_\_(uL)

EPA SAMPLE NO.

Soil Aliquot Volume: \_\_\_\_(uL)

| V6MLCSD |  |
|---------|--|
|---------|--|

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: LCSD-24249

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3534

Level: (low/med) LOW Date Received: \_\_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 06/18/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

| CAS NO.     | COMPOSIDE (ag/11 of ag/13) |    |
|-------------|----------------------------|----|
| 75-71-8     | Dichlorodifluoromethane    | 36 |
|             | Chloromethane              | 38 |
|             | Vinyl Chloride             | 46 |
|             | Bromomethane               | 46 |
|             | Chloroethane               | 49 |
|             | Trichlorofluoromethane     | 60 |
|             | 1,1-Dichloroethene         | 41 |
|             | Acetone                    | 48 |
|             | Iodomethane                | 46 |
| 75-15-0     | Carbon Disulfide           | 37 |
|             | Methylene Chloride         | 47 |
|             | trans-1,2-Dichloroethene   | 45 |
|             | Methyl tert-butyl ether    | 50 |
|             | 1,1-Dichloroethane         | 45 |
|             | Vinyl acetate              | 47 |
| 78-93-3     | 2-Butanone                 | 50 |
| 156-59-2    | cis-1,2-Dichloroethene     | 48 |
| 590-20-7    | 2,2-Dichloropropane        | 46 |
| 74-97-5     | Bromochloromethane         | 49 |
| 67-66-3     | Chloroform                 | 46 |
| 71-55-6     | 1,1,1-Trichloroethane      | 47 |
| 563-58-6    | 1,1-Dichloropropene        | 48 |
| 56-23-5     | Carbon Tetrachloride       | 48 |
| 107-06-2    | 1,2-Dichloroethane         | 50 |
| 71-43-2     | Benzene                    | 47 |
| 79-01-6     | Trichloroethene            | 48 |
|             | 1,2-Dichloropropane        | 49 |
|             | Dibromomethane             | 50 |
| 75-27-4     | Bromodichloromethane       | 50 |
| 10061-01-5- | cis-1,3-Dichloropropene    | 49 |
|             | 4-Methyl-2-pentanone       | 50 |
|             | Toluene                    | 47 |
|             | trans-1,3-Dichloropropene  | 48 |
|             | 1,1,2-Trichloroethane      | 52 |
|             | •                          |    |

EPA SAMPLE NO.

| V6MLCSD |  |
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Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0773

Matrix: (soil/water) WATER Lab Sample ID: LCSD-24249

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V6E3534

Level: (low/med) LOW Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 06/18/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

| 142-20-0  | 1,3-Dichloropropane         | 49  |     |
|-----------|-----------------------------|-----|-----|
|           | Tetrachloroethene           | 48  |     |
|           | 2-Hexanone                  | 48  |     |
|           | Dibromochloromethane        | 50  |     |
|           | 1,2-Dibromoethane           | 48  |     |
|           | Chlorobenzene               | 48  |     |
| 100-30-7  | 1,1,1,2-Tetrachloroethane   | 49  |     |
| 100-41-4  | Ethylbenzene                | 48  |     |
| T00-4T-4  | m,p-Xylene                  | 95  |     |
| 95-47-6   | O-Yylene                    | 49  |     |
| 1220 20 7 | Xylene (Total)              | 140 |     |
| 100-42-5  | Aylene (local)              | 49  |     |
|           | Bromoform                   | 51  |     |
|           | Isopropylbenzene            | 48  |     |
| 70 24 E   | 1,1,2,2-Tetrachloroethane   | 54  |     |
|           | Bromobenzene                | 51  | · . |
|           | 1,2,3-Trichloropropane      | 55  |     |
| 102 CE 1  | n-Propylbenzene             | 47  |     |
|           | 2-Chlorotoluene             | 48  |     |
|           | 1,3,5-Trimethylbenzene      | 49  |     |
|           | 4-Chlorotoluene             | 48  |     |
|           | tert-Butylbenzene           | 49  |     |
| 98-06-6   | 1,2,4-Trimethylbenzene      | 49  |     |
| 95-63-6   | and Putulbengene            | 48  |     |
| 135-98-8  | sec-Butylbenzene            | 48  |     |
| 99-8/-6   | 4-Isopropyltoluene          | 51  |     |
|           | 1,3-Dichlorobenzene         | 51  |     |
|           | 1,4-Dichlorobenzene         | 48  |     |
|           | n-Butylbenzene              | 51  |     |
|           | 1,2-Dichlorobenzene         |     |     |
|           | 1,2-Dibromo-3-chloropropane | 48  |     |
|           | 1,2,4-Trichlorobenzene      | 46  |     |
|           | Hexachlorobutadiene         | 45  |     |
|           | Naphthalene                 | 43  |     |
| 87-61-6   | 1,2,3-Trichlorobenzene      | 42  |     |

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-11

Lab Name: Mitkem Corporation

Contract: 152033/15

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME0773

Matrix (soil/water): WATER

Lab Sample ID: E0773-19

Level (low/med): MED

Date Received: 06/09/06

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No.   | Analyte   | Concentration | С        | Q | М  |
|-----------|-----------|---------------|----------|---|----|
| 7429-90-5 | Aluminum  | 1440          |          |   | P  |
| 7440-36-0 | Antimony  | 1.2           | U        |   | P  |
| 7440-38-2 | Arsenic   | 1.7           | В        |   | P  |
| 7440-39-3 | Barium    | 46.1          | В        |   | P  |
| 7440-41-7 | Beryllium | 0.15          | U        |   | P  |
| 7440-43-9 | Cadmium   | 4.4           | В        |   | P  |
| 7440-70-2 | Calcium   | 11100         |          |   | P  |
| 7440-47-3 | Chromium  | 50.1          |          |   | P  |
| 7440-48-4 | Cobalt    | 2.7           | В        |   | P  |
| 7440-50-8 | Copper    | 18.5          | В        |   | Р  |
| 7439-89-6 | Iron      | 1510          |          |   | P  |
| 7439-92-1 | Lead      | 0.46          | U        |   | P  |
| 7439-95-4 | Magnesium | 3560          |          |   | P  |
| 7439-96-5 | Manganese | 30.7          | В        |   | P  |
| 7440-02-0 | Nickel    | 22.4          | В        |   | P  |
| 7440-09-7 | Potassium | 1940          |          |   | P  |
| 7782-49-2 | Selenium  | 0.98          | U        |   | P  |
| 7440-22-4 | Silver    | 0.91          | U        |   | P  |
| 7440-23-5 | Sodium    | 23700         |          |   | P  |
| 7440-28-0 | Thallium  | 1.2           | U        |   | P  |
| 7440-62-2 | Vanadium  | 2.7           | В        |   | P  |
| 7440-66-6 | Zinc      | 80.9          |          |   | P  |
| 7439-97-6 | Mercury   | 0.065         | U        |   | CV |
|           |           |               | <u> </u> |   |    |

| Comme | ents: |
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INORGANIC ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation

Contract: <u>152033/15</u>

Lab Code: MITKEM Case No.

SAS No.: SDG No.: ME0773

Matrix (soil/water): WATER

Lab Sample ID: E0773-20

Level (low/med): MED

Date Received: 06/09/06

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No.   | Analyte   | Concentration | С        | Q        | М        |
|-----------|-----------|---------------|----------|----------|----------|
| 7429-90-5 | Aluminum  | 253           |          |          | P        |
| 7440-36-0 | Antimony  | 1.2           | U        |          | P        |
| 7440-38-2 | Arsenic   | 1.6           | U        |          | P        |
| 7440-39-3 | Barium    | 25.6          | В        |          | P        |
| 7440-41-7 | Beryllium | 0.15          |          |          | P        |
| 7440-43-9 | Cadmium   | 0.10          | U        |          | P        |
| 7440-70-2 | Calcium   | 17800         |          |          | P        |
| 7440-47-3 | Chromium  | 0.66          | В        |          | P        |
| 7440-48-4 | Cobalt    | 2.0           | В        |          | P        |
| 7440-50-8 | Copper    | 8.5           |          |          | P        |
| 7439-89-6 | Iron      | 133           | <u> </u> |          | P        |
| 7439-92-1 | Lead      | 0.46          | U        |          | P        |
| 7439-95-4 | Magnesium | 6830          |          |          | P        |
| 7439-96-5 | Manganese | 1570          | <u> </u> |          | P        |
| 7440-02-0 | Nickel    | 15.0          |          |          | P        |
| 7440-09-7 | Potassium | 1340          |          |          | P        |
| 7782-49-2 | Selenium  | 0.98          | U        |          | P        |
| 7440-22-4 | Silver    | 0.91          | U        |          | P        |
| 7440-23-5 | Sodium    | 28700         |          |          | P        |
| 7440-28-0 | Thallium  | 7.8           | В        |          | P        |
| 7440-62-2 | Vanadium  | 0.47          | U        |          | P        |
| 7440-66-6 | Zinc      | 15.2          | В        |          | P        |
| 7439-97-6 | Mercury   | 0.065         | U        |          | CV       |
|           |           |               | <u></u>  | <u> </u> | <u> </u> |

| Comments: |  |
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INORGANIC ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation

Contract: <u>152033/15</u>

Lab Code: MITKEM Case No.

SAS No.: SDG No.: ME0773

Lab Sample ID: E0773-18

Matrix (soil/water): WATER

Level (low/med): MED

Date Received: 06/09/06

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight):  $\underline{\text{UG/L}}$ 

| CAS No.   | Analyte   | Concentration | С | Q | М        |
|-----------|-----------|---------------|---|---|----------|
| 7429-90-5 | Aluminum  | 749           |   |   | P        |
| 7440-36-0 | Antimony  | 1.2           | Ū |   | P        |
| 7440-38-2 | Arsenic   | 1.6           | U |   | P        |
| 7440-39-3 | Barium    | 67.3          | В |   | P        |
| 7440-41-7 | Beryllium | 0.15          | U |   | P        |
| 7440-43-9 | Cadmium   | 0.10          | U |   | P        |
| 7440-70-2 | Calcium   | 10800         |   |   | P        |
| 7440-47-3 | Chromium  | 55.8          |   |   | P        |
| 7440-48-4 | Cobalt    | 2.4           | В |   | P        |
| 7440-50-8 | Copper    | 13.0          |   |   | P        |
| 7439-89-6 | Iron      | 1070          |   |   | P        |
| 7439-92-1 | Lead      | 0.46          | U |   | P        |
| 7439-95-4 | Magnesium | 4290          |   |   | P        |
| 7439-96-5 | Manganese | 143           |   |   | P        |
| 7440-02-0 | Nickel    | 23.6          | В |   | P        |
| 7440-09-7 | Potassium | 2170          |   |   | P        |
| 7782-49-2 | Selenium  | 0.98          | U |   | P        |
| 7440-22-4 | Silver    | 0.91          | U |   | P        |
| 7440-23-5 | Sodium    | 129000        |   |   | P        |
| 7440-28-0 | Thallium  | 1.2           | U |   | P        |
| 7440-62-2 | Vanadium  | 1.4           | В |   | P        |
| 7440-66-6 | Zinc      | 53.7          |   |   | P        |
| 7439-97-6 | Mercury   | 0.065         | U |   | CV       |
|           |           |               |   |   | <u> </u> |

| omments: |
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW23D

Lab Name: Mitkem Corporation

Contract: <u>152033/15</u>

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME0773

Matrix (soil/water): WATER

Lab Sample ID: E0773-21

Level (low/med): MED

Date Received: <u>06/09/06</u>

% Solids:

0.0

Concentration Units (ug/L or mg/kg dry weight):  $\underline{\text{UG/L}}$ 

| CAS No.   | Analyte   | Concentration | С            | Q            | М             |
|-----------|-----------|---------------|--------------|--------------|---------------|
|           | Aluminum  | 7130          |              | E            | P             |
| 1425 50 5 |           | 1.4           | В            |              | P             |
| 1440 00 0 | Antimony  | 2.5           | В            |              | P             |
| ,         | Arsenic   | 77.8          | В            |              | P             |
| 7440-39-3 | Barium    | 0.60          | В            |              | P             |
| 7440-41-7 | Beryllium | 0.10          |              |              | P             |
| 7440-43-9 | Cadmium   | 14800         |              |              | P             |
| 7440-70-2 | Calcium   |               |              | <del> </del> | P             |
| 7440-47-3 | Chromium  | 12.2          |              |              | P             |
| 7440-48-4 | Cobalt    | 5.0           |              | -            | P             |
| 7440-50-8 | Copper    | 27.2          | +            |              | P             |
| 7439-89-6 | Iron      | 3800          | +            | E            | P             |
| 7439-92-1 | Lead      | 0.46          | <del>-</del> |              | $\frac{P}{P}$ |
| 7439-95-4 | Magnesium | 2440          | 4            | E            |               |
| 7439-96-5 | Manganese | 109           |              |              | P             |
| 7440-02-0 | Nickel    | 7.6           |              |              | P             |
| 7440-02-0 | Potassium | 3270          | )            |              | P             |
| 7782-49-2 |           | 0.98          | 3 U          |              | P             |
| 7440-22-4 | Silver    | 0.93          | L U          |              | P             |
|           |           | 16200         |              |              | P             |
| 7440-23-5 |           | 1.:           | 3 E          | 3            | P             |
| 7440-28-0 |           | 14.           | 5 E          | 3            | P             |
| 7440-62-2 | 1 002     | 53.           | _            |              | P             |
| 7440-66-6 |           | 0.06          |              | ]            | CV            |
| 7439-97-6 | Mercury   | 0.00          | +            |              |               |
|           |           |               |              |              |               |

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July 24, 2006

Earth Tech Northeast, Inc. 300 Broadacres Drive Bloomfield, NJ 07003 Attn: Mr. Allen Burton

RE:

Client Project: Multi-Site G, Servall

Lab Project #: E0832

Dear Mr. Burton:

Enclosed please find the data report of the required analyses for the samples associated with the above referenced project.

If you have any questions regarding this report, please call me.

We appreciate your business.

Sincerely,

Agnes R. Ng CLP Project Manager

REGEIVED
JUL 2 6 2006

EARTH TECH BLOOMFIELD, NJ

### New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name: Multi Site - Servall

**SDG:** <u>E0832</u>

| <b>G</b> .            |                      |                   | Anal               | ytical Requirements | 3                    |       |
|-----------------------|----------------------|-------------------|--------------------|---------------------|----------------------|-------|
| Customer<br>Sample ID | Laboratory Sample ID | MSVOA<br>Method # | MSSEMI<br>Method # | GC* Method #        | ME                   | Other |
| SMW-12                | E0832-01             | SW8260B_W         | Wiction #          | Iviethou #          | CIMCOADD IM          |       |
| SMW-12                | E0832-01             |                   |                    |                     | SW6010B_W<br>SW7470A |       |
| SMW-13                | E0832-02             | SW8260B_W         |                    |                     | SW6010B_W            |       |
| SMW-13                | E0832-02             |                   |                    |                     | SW7470A              |       |
| SMW-14                | E0832-03             | SW8260B_W         |                    |                     | SW6010B_W            |       |
| SMW-14                | E0832-03             |                   |                    |                     | SW7470A              |       |
| SMW-16                | E0832-04             | SW8260B_W         |                    |                     | SW6010B_W            |       |
| SMW-16                | E0832-04             |                   |                    |                     | SW7470A              |       |
| SMW-5                 | E0832-05             | SW8260B_W         |                    | •                   | SW6010B_W            |       |
| SMW-5                 | E0832-05             |                   |                    |                     | SW7470A              |       |
| SMW-6A                | E0832-06             | SW8260B_W         |                    |                     | SW6010B_W            |       |
| SMW-6A                | E0832-06             |                   |                    |                     | SW7470A              |       |
| SMW-6B                | E0832-07             | SW8260B_W         |                    |                     | SW6010B W            |       |
| SMW-6B                | E0832-07             |                   |                    |                     | SW7470A              |       |
| DUP                   | E0832-08             | SW8260B_W         |                    |                     | SW6010B_W            |       |
| DUP                   | E0832-08             |                   |                    |                     | SW7470A              |       |
| SMW-4                 | E0832-10             | SW8260B_W         |                    |                     | SW6010B_W            |       |
| SMW-4                 | E0832-10             |                   |                    |                     | SW7470A              |       |



EARTH TECH BLOOMFIELD, NJ

### New York State Department of Environmental Conservation Sample Preparation and Analysis Summary MSVOA

Project Name: Multi Site - Servall

**SDG**: <u>E0832</u>

| Laboratory   |        | Date      | Date Received | Date      | Date      |
|--------------|--------|-----------|---------------|-----------|-----------|
| Sample ID    | Matrix | Collected | By Lab        | Extracted | Analyzed  |
| SW8260B_W    |        |           |               |           |           |
| E0832-01B    | AQ     | 6/15/2006 | 6/19/2006     | NA        | 6/29/2006 |
| E0832-01BMS  | AQ     | 6/15/2006 | 6/19/2006     | NA        | 6/29/2006 |
| E0832-01BMSD | AQ     | 6/15/2006 | 6/19/2006     | NA        | 6/29/2006 |
| E0832-02B    | AQ     | 6/15/2006 | 6/19/2006     | NA        | 6/29/2006 |
| E0832-03B    | AQ     | 6/15/2006 | 6/19/2006     | NA        | 6/29/2006 |
| E0832-04B    | AQ     | 6/15/2006 | 6/19/2006     | NA        | 6/29/2006 |
| E0832-05B    | AQ     | 6/15/2006 | 6/19/2006     | NA        | 6/29/2006 |
| E0832-06B    | AQ     | 6/15/2006 | 6/19/2006     | NA        | 6/29/2006 |
| E0832-07B    | AQ     | 6/15/2006 | 6/19/2006     | NA        | 6/29/2006 |
| E0832-07BDL  | AQ     | 6/15/2006 | 6/19/2006     | NA NA     | 6/29/2006 |
| E0832-08B    | AQ     | 6/15/2006 | 6/19/2006     | NA NA     | 6/29/2006 |
| E0832-10B    | AQ     | 6/16/2006 | 6/19/2006     | NA NA     | 6/29/2006 |

### New York State Department of Environmental Conservation Sample Preparation and Analysis Summary MSVOA

Project Name: Multi Site - Servall

**SDG:** <u>E0832</u>

| Laboratory Sample ID | Matrix | Analytical<br>Protocol | Extraction | Low/Medium | Dil/Conc |
|----------------------|--------|------------------------|------------|------------|----------|
| SW8260B_W            | Matrix | Fiotocol               | Method     | Level      | Factor   |
|                      |        |                        |            |            |          |
| E0832-01B            | AQ     | SW8260B_W              | NA         | LOW        | 1        |
| E0832-01BMS          | AQ     | SW8260B_W              | ·NA        | LOW        | 1        |
| E0832-01BMSD         | AQ     | SW8260B_W              | NA         | LOW        | 1        |
| E0832-02B            | AQ     | SW8260B_W              | NA         | LOW        | 1        |
| E0832-03B            | AQ     | SW8260B_W              | NA         | LOW        | 1        |
| E0832-04B            | AQ     | SW8260B_W              | NA         | Low        | 1        |
| E0832-05B            | AQ     | SW8260B_W              | NA         | Low        | 1        |
| E0832-06B            | AQ     | SW8260B_W              | NA         | Low        | 1        |
| E0832-07B            | AQ     | SW8260B_W              | NA         | Low        | 1        |
| E0832-07BDL          | AQ     | SW8260B_W              | NA         | LOW        | . 10     |
| E0832-08B            | AQ     | SW8260B_W              | NA         | Low        | 1        |
| E0832-10B            | AQ     | SW8260B_W              | NA         | LOW        | 1        |

### New York State Department of Environmental Conservation Sample Preparation and Analysis Summary ME

Project Name: Multi Site - Servall

**SDG**: <u>E0832</u>

| Laboratory   |        | Metals    | Date Received | Date      |
|--------------|--------|-----------|---------------|-----------|
| Sample ID    | Matrix | Requested | By Lab        | Analyzed  |
| SW6010B_W    |        |           |               |           |
| E0832-01A    | AQ     | SW6010B_W | 6/19/2006     | 6/30/2006 |
| E0832-01ADUP | AQ     | SW6010B_W | 6/19/2006     | 6/30/2006 |
| E0832-01AMS  | AQ     | SW6010B_W | 6/19/2006     | 6/28/2006 |
| E0832-02A    | AQ     | SW6010B_W | 6/19/2006     | 6/30/2006 |
| E0832-03A    | AQ     | SW6010B_W | 6/19/2006     | 6/30/2006 |
| E0832-04A    | AQ     | SW6010B_W | 6/19/2006     | 6/30/2006 |
| E0832-05A    | AQ     | SW6010B_W | 6/19/2006     | 6/30/2006 |
| E0832-06A    | AQ     | SW6010B_W | 6/19/2006     | 6/30/2006 |
| E0832-07A    | AQ     | SW6010B_W | 6/19/2006     | 6/30/2006 |
| E0832-08A    | AQ     | SW6010B_W | 6/19/2006     | 6/30/2006 |
| E0832-10A    | AQ     | SW6010B_W | 6/19/2006     | 6/30/2006 |
| SW7470A      |        |           |               |           |
| E0832-01A    | AQ     | SW7470A   | 6/19/2006     | 6/30/2006 |
| E0832-01ADUP | AQ     | SW7470A   | 6/19/2006     | 6/30/2006 |
| E0832-01AMS  | AQ     | SW7470A   | 6/19/2006     | 6/30/2006 |
| E0832-02A    | AQ     | SW7470A   | 6/19/2006     | 6/30/2006 |
| E0832-03A    | AQ     | SW7470A   | 6/19/2006     | 6/30/2006 |
| E0832-04A    | AQ     | SW7470A   | 6/19/2006     | 6/30/2006 |
| E0832-05A    | AQ     | SW7470A   | 6/19/2006     | 6/30/2006 |
| E0832-06A    | AQ     | SW7470A   | 6/19/2006     | 6/30/2006 |
| E0832-07A    | AQ     | SW7470A   | 6/19/2006     | 6/30/2006 |
| E0832-08A    | AQ     | SW7470A   | 6/19/2006     | 6/30/2006 |
| E0832-10A    | AQ     | SW7470A   | 6/19/2006     | 6/30/2006 |

### Report of Laboratory Analyses for Earth Tech Northeast, Inc.

Client Project: Multi-site G, Servall

Mitkem Work Order ID: E0832

July 24, 2006

Prepared For:

Earth Tech Northeast, Inc. 300 Broadacres Drive Bloomfield, NJ 07003 Attn: Mr. Allen Burton

Prepared By:

Mitkem Corporation

175 Metro Center Boulevard

Warwick, RI 02886 (401) 732-3400

#### **SDG** Narrative

Mitkem Corporation submits the enclosed data package in response to Earth Tech Northeast Inc.'s Multi-site G, Servall, project. Under this deliverable, analysis results are presented for ten aqueous samples that were received on June 19, 2006. Analyses were performed per specifications in the project's contract and the chain of custody forms, following discussions with the client. Following the narrative is the Mitkem Work Order for cross-referencing client sample ID with laboratory sample ID.

The analyses were performed according to NYSDEC ASP protocols (October 1995 update) and reported per NYSDEC ASP requirement for Category B deliverable.

The following observation and/or deviations are observed for the following analyses:

#### 1. Overall Observation:

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

- M1 peak tailing or fronting.
- M2 peak co-elution.
- M3 rising or falling baseline.
- M4 retention time shift.
- M5 miscellaneous under this category, the justification is explained.

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Photocopies of logbook pages are included, with the originals maintained on file at the laboratory. The originals of initial calibrations that are shared among several cases are maintained on file at the laboratory, with photocopies included in the data package.

#### 2. Volatile Analysis:

Surrogate recovery: recoveries were within the QC limits.

Lab control sample/lab control sample duplicate: spike recoveries were within the QC limits with the exception of low recovery of trans-1,2-dichloroethene and methyl tert-butyl ether in V5ALCS and high recovery of chloroethane, methylene chloride, 1,2-dichloropropane and

bromodichloromethane in V5BLCS. Replicate RPDs were within the QC limits with the exception of methylene chloride in V5BLCS/V5BLCSD.

Matrix spike/matrix spike duplicate: duplicate matrix spikes were performed on sample SMW-12. Spike recoveries and replicate RPDs were within the QC limits.

Sample analysis: due to the high concentration of target analytes, sample SMW-6B was reanalyzed at 10x dilution. Please note that the trip blank was received in a 500mL plastic bottle. The trip blank was not analyzed. No other unusual observation was made for the analysis.

#### 3. Metals Analysis:

Lab control sample: spike recoveries were within the QC limits.

Matrix spike: matrix spike was performed on sample SMW-12. Spike recoveries were within the QC limits.

Duplicate: duplicate analysis was performed on sample SMW-12. Replicate RPDs were within the QC limits with the exception of iron. Iron is flagged with an "\*" on the data report forms.

Sample analysis: serial dilution was performed on sample SMW-12. Percent differences were within the QC limits. No other unusual observation was made for the analysis.

The pages in this report have been numbered consecutively, starting from this narrative and ending with a page saying only "Last Page of Data Report".

I certify that this data package is in compliance, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hardcopy data package.

Agnes Ng

CLP Project Manager

07/24/06

| Mitkem Corporation  | 20/Jun/06 18:33   | WorkOrder: E0832    |
|---------------------|-------------------|---------------------|
| Client ID: EARTH_NJ | Case:             | Renort Level: ASP-B |
| Project: Multi Site | SDG:              | EDD: CLF            |
| Location: SERVALL   | <b>PO:</b> 152077 | HC Due: 07/10/06    |
| Comments: N/A       |                   | Fax Due:            |
|                     |                   |                     |

| Sample ID   | Client Sample ID       | Collection Date             | Date Recv'd   | Matrix  | Test Code | Lab Test Comments | Hold MS SEL, Storage                   |
|---|------------------------|-----------------------------|---|---------|-----------|-------------------|--|
| E0832-01A   | SMW-12                 | 06/15/2006 09:15            | 06/19/2006  | Aqueous | SW6010B_W | TAL               |  |
| ha a and the property of the data are to a street the property of the data. |                        |                             |   |         | SW7470A   | TAL               |  |
| E0832-01B   | SMW-12                 | 06/15/2006 09:15 06/19/2006 | 06/19/2006  | Aqueous | SW8260B_W |                   | Nov C                                  |
| E0832-02A   | SMW-13                 | 06/15/2006 09:50 06/19/2006 | 06/19/2006  | Aqueous | SW6010B_W | TAL               | M                                      |
|   |                        |                             |   |         | SW7470A   | TAL               |  |
| E0832-02B   | SMW-13                 | 06/15/2006 09:50 06/19/2006 |   | Aqueous | SW8260B_W |                   | O VOA                                  |
| E0832-03A   | SMW-14                 | 06/15/2006 11:00 06/19/     | 2006  | Aqueous | SW6010B W | TAL               | \ \S                                   |
|   |                        |                             |   |         | SW7470A   | TAL               |  |
| E0832-03B   | SMW-14                 | 06/15/2006 11:00 06/19/2006 |   | Aqueous | SW8260B W |                   | NOA C                                  |
| E0832-04A   | SMW-16                 | 06/15/2006 11:50 06/19/2006 |   | Aqueous | SW6010B W | TAI.              | <u>&gt;</u>                            |
|   |                        |                             |   |         | SW7470A   | TAL               | į                                      |
| E0832-04B   | SMW-16                 | 06/15/2006 11:50 06/19/2006 |   | Aqueous | SW8260B W |                   | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
| Client Rep:   | Client Rep: Agnes R Ng |                             | AND OUT - I A THE CONTRACT OF |         |           |                   | 770                                    |

Page 1 of 3

| Mitker         | Mitkem Corporation   | 2                           | 0/1nn/0              | 20/Jun/06 18:33             | Work              | WorkOrder: E0832                                       |
|----------------|--|-----------------------------|----------------------|-----------------------------|-------------------|--|
| Clien Prc Loca | Client ID: EARTH_NJ Project: Multi Site Location: SERVALL Comments: N/A  |                             | Case:<br>SDG:<br>PO: | Sase:<br>IDG:<br>PO: 152077 | Rep               | Report Level: ASP-B EDD: CLF HC Due: 07/10/06 Fax Due: |
| Sample ID      | Client Sample ID   | Collection Date Date Recv'd | Matrix               | Test Code                   | Lab Test Comments | Hold MS SEL Storage                                    |
| E0832-05A      | SMW-5  | 06/15/2006 14:00 06/19/2006 | Aqueous              | SW6010B_W                   | TAL               |  |
|                | VALUE DE CONTRACTO |                             |                      | SW7470A                     | TAL               |  |
| E0832-05B      | SMW-5  | 06/15/2006 14:00 06/19/2006 | Aqueous              | SW8260B_W                   |                   | NOA  |
| E0832-06A      | SMW-6A   | 06/15/2006 13:25 06/19/2006 | Aqueous              | SW6010B_W                   | TAL               | <b>S</b>   |
|                |  |                             |                      | SW7470A                     | TAL               |  |
| E0832-06B      | SMW-6A   | 06/15/2006 13:25 06/19/2006 | Aqueous              | SW8260B_W                   |                   | O O O  |
| E0832-07A      | SMW-6B   | 06/15/2006 13:45 06/19/2006 | Aqueous              | SW6010B_W                   | TAL               | ₩<br><b>&gt;</b>                                       |
|                |  |                             |                      | SW7470A                     | TAL               |  |
| E0832-07B      | SMW-6B   | 06/15/2006 13:45 06/19/2006 | Aqueons              | SW8260B W                   |                   | VOA  |

Client Rep: Agnes R Ng

2 of 3 Page

□ VOA

06/15/2006 13:45 06/19/2006 Aqueous SW8260B\_W

06/15/2006 09:15 06/19/2006 Aqueous SW6010B\_W

DUP

E0832-08A

SW7470A

**2** M □ MI

TAL TAL

| Mitkem Corporation  | 20/Jun/06 18:33   | WorkOrder: E0832    |
|---------------------|-------------------|---------------------|
| Client ID: EARTH_NJ | Case:             | Report Level: ASP-B |
| Project: Multi Site | SDG:              | EDD: CLF            |
| Location: SERVALL   | <b>PO:</b> 152077 | HC Due: 07/10/06    |
| Comments: N/A       |                   | Fax Due:            |

| Pro<br>Local   | Project: Multi Site Location: SERVALL Comments: N/A |   | SDG:<br>PO:                                   | . DG:<br>PO: 152077 |                   | EDD: CLF HC Due: 07/10/06 Fax Due: |
|--|---|---|---|---------------------|-------------------|------------------------------------|
| Sample ID  | Client Sample ID                                    | Collection Date                               | Matrix  | Test Code           | Lab Test Comments | Hold MS SEL Storage                |
| E0832-08B  | DUP   | 06/15/2006 09:15 06/19/2006 Aqueous SW8260B_W | Aqueous                                       | SW8260B_W           |                   |                                    |
| E0832-09A  | TRIP BLANK  | 06/16/2006 00:00 06/19/2006                   | Aqueous                                       | SW8260B_W           |                   | ✓ □ voA                            |
| E0832-10A SMW-4  | SMW-4   | 06/16/2006 11:20 06/19/2006                   | Aqueous                                       | Aqueous SW6010B_W   | TAL               | <b>X</b>                           |
| MANAGE - PROPERTY OF PROPERTY OF THE MANAGEMENT OF THE STATE OF THE ST |   |   | оди запиналиципинализмана пиналала избатурува | SW7470A             | TAL               | M1                                 |
| E0832-10B  | SMW-4   | 06/16/2006 11:20 06/19/2006                   | Aqueous                                       | SW8260B_W           |                   | voa                                |

3 of 3 Page

EPA SAMPLE NO.

DUP

Lab Name: MITKEM CORPORATION

Contract:

SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-08B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8293

Level: (low/med) LOW

Lab Code: MITKEM Case No.:

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

|            |                    | (43) = 01                               | 49/119/00/  | , 1   | • |
|------------|--------------------|---|-------------|---|---|
| 75-71-8    | Dichlorodifluorom  | ethane                                  |             | 5 U   |   |
| 74-87-3    | Chloromethane      |   |             | 5 U   |   |
| 75-01-4    | Vinyl Chloride     |   |             | 5 U   |   |
| 74-83-9    | Bromomethane       |   |             | 5 U   |   |
| 75-00-3    | Chloroethane       | ····                                    |             | 5 U   |   |
| 75-69-4    | Trichlorofluorome  | thane                                   | <del></del> | 5 U   |   |
| 75-35-4    | 1,1-Dichloroethene | 9                                       | ~           | 5   U   |   |
| 67-64-1    | Acetone            |   |             | 5 U   |   |
| 74-88-4    | Iodomethane        |   | <del></del> | 5 U   |   |
| 75-15-0    | Carbon Disulfide   |   |             | 5 U   |   |
| 75-09-2    | Methylene Chloride | 9                                       |             | 5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5 |   |
| 156-60-5   | trans-1,2-Dichlore | ethene                                  |             | 5 U   |   |
| 1634-04-4  | Methvl tert-butvl  | ether                                   |             | 5 U   |   |
| 75-34-3    | 1.1-Dichloroethane | •                                       |             | 5 U   |   |
| 108-05-4   | Vinyl acetate      |   |             | 5 U   |   |
| 78-93-3    | 2-Butanone         |   |             |   |   |
| 156-59-2   | cis-1,2-Dichloroet | hene                                    |             | 5 U<br>5 U<br>5 U<br>5 U  |   |
| 590-20-7   | 2,2-Dichloropropar | ne                                      | <del></del> | 5 U   |   |
| 74-97-5    | Bromochloromethane | •                                       | <del></del> | 5 U   |   |
| 67-66-3    | Chloroform         |   |             | 5 U   |   |
| 71-55-6    | 1,1,1-Trichloroeth | nane                                    | <del></del> | 5 U   | ļ |
| 563-58-6   | 1,1-Dichloroproper | ne                                      |             | 5 U   | ı |
| 56-23-5    | Carbon Tetrachlori | de                                      |             | 5 U   |   |
| 107-06-2   | 1,2-Dichloroethane |   |             | 5 U   |   |
| 71-43-2    | Benzene            |   | <del></del> | 5 U   |   |
| 79-01-6    | Trichloroethene    |   |             | 5 U   |   |
| 78-87-5    | 1,2-Dichloropropar |   |             | 5 U<br>5 U<br>5 U<br>5 U<br>5 U   | l |
| 74-95-3    | Dibromomethane     | *************************************** |             | 5 U   | 1 |
| 75-27-4    | Bromodichlorometha | ne                                      | <del></del> | 5 U   |   |
| 10061-01-5 | cis-1,3-Dichloropr | opene                                   |             | 5 U<br>5 U<br>5 U   |   |
| 108-10-1   | 4-Methvl-2-pentanc | ne                                      |             | 5 U   | ļ |
| 108-88-3   | Toluene            |   | <del></del> | 5 U   |   |
| 10061-02-6 | trans-1,3-Dichloro | propene                                 |             | 5 U   |   |
| 79-00-5    | 1,1,2-Trichloroeth | ane                                     |             | 5 U   |   |
| 4-2-2-11-1 |                    |   |             |   |   |
|            |                    |   |             | I   | f |

EPA SAMPLE NO.

| Lab Name: MITKEM COR | PORATION (      | Contract:      | DUP         |  |
|----------------------|-----------------|----------------|-------------|--|
| Lab Code: MITKEM     | Case No.:       | SAS No.: SDC   | No.: ME0832 |  |
| Matrix: (soil/water) | WATER           | Lab Sample ID: | E0832-08B   |  |
| Sample wt/vol:       | 5.000 (g/mL) ML | Lab File ID:   | V5G8293     |  |
| Level: (low/med)     | LOW             | Date Received: | 06/19/06    |  |
| % Moisture: not dec. |                 | Date Analyzed: | 06/29/06    |  |

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q 142-28-9-----1,3-Dichloropropane 5 U 127-18-4-----Tetrachloroethene 14 591-78-6----2-Hexanone 5 | U 124-48-1-----Dibromochloromethane 5 U 106-93-4----1,2-Dibromoethane 5 U 108-90-7-----Chlorobenzene 5 U 630-20-6----1,1,1,2-Tetrachloroethane 5 U 100-41-4----Ethylbenzene 5 U ----m,p-Xylene 5 U 95-47-6----o-Xylene 5 U 1330-20-7-----Xylene (Total) 5 U 100-42-5-----Styrene 5 U 75-25-2-----Bromoform 5 U 98-82-8----Isopropylbenzene 5 U 79-34-5----1,1,2,2-Tetrachloroethane 5 U 108-86-1----Bromobenzene 5 U 96-18-4-----1,2,3-Trichloropropane 5 U 103-65-1----n-Propylbenzene 5 U 95-49-8----2-Chlorotoluene 5 U 108-67-8-----1,3,5-Trimethylbenzene 5 U 106-43-4----4-Chlorotoluene 5 U 98-06-6-----tert-Butylbenzene 5 U 95-63-6-----1,2,4-Trimethylbenzene 5 U 135-98-8----sec-Butylbenzene 5 U 99-87-6----4-Isopropyltoluene 5 U 541-73-1-----1,3-Dichlorobenzene 5 U 106-46-7----1,4-Dichlorobenzene 5 U 104-51-8----n-Butylbenzene 5 U 95-50-1----1,2-Dichlorobenzene 2 J 96-12-8----1,2-Dibromo-3-chloropropane 5 U 120-82-1----1,2,4-Trichlorobenzene 5 U 87-68-3-----Hexachlorobutadiene 5 U 91-20-3-----Naphthalene 5 U 87-61-6----1,2,3-Trichlorobenzene 5 U

#### 1E VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

| D | UP |  |  |
|---|----|--|--|
|   |    |  |  |

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-08B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID:

V5G8293

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec. \_\_\_\_

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume:\_\_\_\_(uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Number TICs found: 0

| CAS NUMBER                             | COMPOUND NAME | RT                                      | EST. CONC.                              | Q |
|--|---------------|---|---|---|
| ====================================== |               |   | 1                                       | 1 |
| 1                                      |               |   |   |   |
| 1 4.                                   |               |   |   | I |
| 3.                                     |               |   | *************************************** |   |
| 4.                                     |               |   |   |   |
|  |               |   |   | l |
| 5                                      |               |   |   |   |
| 6.                                     |               |   |   |   |
| 7                                      |               |   |   |   |
| 8.                                     |               |   |   |   |
|  |               |   |   |   |
| 10.                                    |               |   |   |   |
| 11.                                    |               |   |   |   |
| 1 14.                                  |               |   |   |   |
|  |               |   |   |   |
| 1 44.                                  |               |   |   |   |
| 1 LD.                                  |               |   |   |   |
| 1 16.                                  |               |   |   |   |
| 17.                                    |               |   |   | l |
| 18                                     |               |   |   |   |
| 18.                                    |               |   | ****                                    |   |
|  |               |   |   |   |
|  |               |   |   |   |
|  |               |   |   |   |
| 1 44.                                  |               |   |   |   |
|  |               |   |   |   |
| 44.                                    |               |   |   |   |
| 1 40.                                  |               |   |   |   |
| 1 2.0.                                 |               |   |   |   |
| 2.1.                                   |               |   |   |   |
| 28.                                    |               |   |   |   |
| 29.                                    |               | *************************************** |   |   |
| 30                                     |               |   |   |   |
| 30.                                    |               |   |   |   |
|  |               | !                                       |   |   |

EPA SAMPLE NO.

SMW-12

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-01B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID:

V5G8290

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_ (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

Q

EPA SAMPLE NO.

SMW-12

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-01B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8290

Level: (low/med) LOW

CAS NO.

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND

Dilution Factor: 1.0

Soil Aliquot Volume: \_\_\_\_(uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L Q

142-28-9-----1,3-Dichloropropane 5 U 127-18-4-----Tetrachloroethene 17 591-78-6----2-Hexanone 5 | U 124-48-1-----Dibromochloromethane 5 U 106-93-4----1,2-Dibromoethane 5 U 108-90-7-----Chlorobenzene 4 J 5 U 5 U 5 U 630-20-6-----1,1,1,2-Tetrachloroethane 100-41-4-----Ethylbenzene ----m, p-Xylene 95-47-6----o-Xylene 5 U 5 1330-20-7-----Xylene (Total) U 100-42-5----Styrene U 75-25-2-----Bromoform 5 U 98-82-8-----Isopropylbenzene 5 U 79-34-5----1,1,2,2-Tetrachloroethane 5 5 U 108-86-1----Bromobenzene U 96-18-4----1,2,3-Trichloropropane 5 U 103-65-1----n-Propylbenzene 5 U 95-49-8----2-Chlorotoluene 5 U 108-67-8-----1,3,5-Trimethylbenzene 5 U 106-43-4----4-Chlorotoluene 5 U 98-06-6----tert-Butylbenzene 5 U 95-63-6-----1,2,4-Trimethylbenzene 5 U 135-98-8----sec-Butylbenzene 5 U 99-87-6----4-Isopropyltoluene 5 U 541-73-1----1,3-Dichlorobenzene 5 U 106-46-7----1,4-Dichlorobenzene 5 U 104-51-8----n-Butylbenzene 5 U 95-50-1----1,2-Dichlorobenzene 9 96-12-8-----1,2-Dibromo-3-chloropropane 5 Ū 120-82-1----1,2,4-Trichlorobenzene 5 U 87-68-3-----Hexachlorobutadiene 5 U 91-20-3----Naphthalene 5 U 87-61-6----1,2,3-Trichlorobenzene 5 U

#### 1EVOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-01B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID:

V5G8290

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

|            |  |    | -          |   |
|------------|--|----|------------|---|
| CAS NUMBER | COMPOUND NAME  | RT | EST. CONC. | Q                                       |
|            |  |    |            | : =====                                 |
| 1          | water and the second se |    |            |   |
| 2.         |  | _  | -          |   |
|            |  |    |            | .                                       |
| 4          |  | _  | _          |   |
| 5.         |  |    |            |   |
| 7          |  |    | -          |   |
| 8          |  |    |            |   |
| 9.         |  |    |            |   |
| 10.        |  | _  |            | ·                                       |
| 11.        |  | -  |            |   |
| 12.        |  |    |            |   |
| 13.        |  | _  |            |   |
| 14.        |  | -  |            | l                                       |
| 15.        |  |    |            |   |
| 16.        |  |    |            | l                                       |
| 1/.        |  | -  |            |   |
| TO.        |  |    |            |   |
| 19.        |  | -  |            |   |
| 20.        |  |    |            |   |
| 41.        |  |    |            | ļ                                       |
| 44.        |  |    |            |   |
| <b>43.</b> |  |    |            |   |
| 24.        |  | -  |            |   |
| 25         |  |    |            |   |
| 20.        |  | _  |            |   |
| 27.        |  |    |            | *************************************** |
| 28.        |  | -  |            |   |
| 29         |  | -  |            |   |
| 30.        |  | -  |            |   |
|            |  | -  |            |   |
|            |  | _  | 1          |   |

EPA SAMPLE NO.

SMW-12MS

Lab Name: MITKEM CORPORATION Contract:

SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Code: MITKEM Case No.:

Lab Sample ID: E0832-01BMS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8291

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

| 75-71-8Dichlorodifluoromethane      | 49 |
|-------------------------------------|----|
| 74-87-3Chloromethane                | 50 |
| 75-01-4Vinyl Chloride               | 50 |
| 74-83-9Bromomethane                 | 55 |
| 75-00-3Chloroethane                 | 55 |
| 75-69-4Trichlorofluoromethane       | 56 |
| 75-35-41,1-Dichloroethene           | 53 |
| 67-64-1Acetone                      | 40 |
| 74-88-4Iodomethane                  | 53 |
| 75-15-0Carbon Disulfide             | 52 |
| 75-09-2Methylene Chloride           | 49 |
| 156-60-5trans-1,2-Dichloroethene    | 55 |
| 1634-04-4Methyl tert-butyl ether    | 56 |
| 75-34-31,1-Dichloroethane           | 54 |
| 108-05-4Vinyl acetate               | 54 |
| 78-93-32-Butanone                   | 51 |
| 156-59-2cis-1,2-Dichloroethene      | 52 |
| 590-20-72,2-Dichloropropane         | 53 |
| 74-97-5Bromochloromethane           | 54 |
| 67-66-3Chloroform                   | 50 |
| 71-55-61,1,1-Trichloroethane        | 53 |
| 563-58-61,1-Dichloropropene         | 52 |
| 56-23-5Carbon Tetrachloride         | 53 |
| 107-06-21,2-Dichloroethane          | 56 |
| 71-43-2Benzene                      | 54 |
| 79-01-6Trichloroethene              | 52 |
| 78-87-51,2-Dichloropropane          | 55 |
| 74-95-3Dibromomethane               | 55 |
| 75-27-4Bromodichloromethane         | 53 |
| 10061-01-5cis-1,3-Dichloropropene   | 52 |
| 108-10-14-Methyl-2-pentanone        | 54 |
| 108-88-3Toluene                     | 54 |
| 10061-02-6trans-1,3-Dichloropropene | 53 |
| 79-00-51,1,2-Trichloroethane        | 54 |
|                                     |    |
|                                     |    |

Lab Name: MITKEM CORPORATION

EPA SAMPLE NO.

SMW-12MS

Q

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Contract:

Matrix: (soil/water) WATER Lab Sample ID: E0832-01BMS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8291

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

142-28-9----1,3-Dichloropropane 52 127-18-4-----Tetrachloroethene 64 591-78-6----2-Hexanone 50 124-48-1-----Dibromochloromethane 51 106-93-4----1,2-Dibromoethane 50 108-90-7-----Chlorobenzene 53 630-20-6----1,1,1,2-Tetrachloroethane 51 100-41-4-----Ethylbenzene 51 ----m,p-Xylene\_ 100 95-47-6----o-Xylene 52 1330-20-7-----Xylene (Total) 160 100-42-5-----Styrene 52 75-25-2----Bromoform 50 98-82-8-----Isopropylbenzene 52 79-34-5-----1,1,2,2-Tetrachloroethane 54 108-86-1-----Bromobenzene 51 96-18-4----1,2,3-Trichloropropane 52 103-65-1----n-Propylbenzene 52 95-49-8----2-Chlorotoluene 52 108-67-8-----1,3,5-Trimethylbenzene 53 106-43-4----4-Chlorotoluene 54 98-06-6----tert-Butylbenzene 50 95-63-6-----1,2,4-Trimethylbenzene\_ 53 135-98-8----sec-Butylbenzene 52 99-87-6----4-Isopropyltoluene 54 541-73-1----1,3-Dichlorobenzene 52 106-46-7----1,4-Dichlorobenzene 52 104-51-8----n-Butylbenzene 53 95-50-1----1,2-Dichlorobenzene 58 96-12-8----1, 2-Dibromo-3-chloropropane 53 120-82-1----1, 2, 4-Trichlorobenzene 47 87-68-3-----Hexachlorobutadiene 47 91-20-3-----Naphthalene 47 87-61-6-----1,2,3-Trichlorobenzene 47

EPA SAMPLE NO.

| SMW-12MSD |  |
|-----------|--|
|-----------|--|

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-01BMSD

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V5G8292

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

Q

|            |                           | -    | ·          |
|------------|---------------------------|------|------------|
| 75-71-8    | Dichlorodifluoromethane   | 44   |            |
| 74-87-3    | Chloromethane             | 45   |            |
| 75-01-4    | Vinyl Chloride            | 49   |            |
| 74-83-9    | Bromomethane              | 50   |            |
| 75-00-3    | Chloroethane              | 54 - |            |
| 75-69-4    | Trichlorofluoromethane    | 52   |            |
| 75-35-4    | 1,1-Dichloroethene        | 49 - |            |
| 67-64-1    | Acetone                   | 36 - |            |
| 74-88-4    | Iodomethane               | 49 - |            |
| 75-15-0    | Carbon Disulfide          | 48   |            |
| 75-09-2    | Methylene Chloride        | 41   |            |
| 156-60-5   | trans-1,2-Dichloroethene  | 51   |            |
| 1634-04-4  | Methyl tert-butyl ether   | 53   |            |
| 75-34-3    | 1,1-Dichloroethane        | 50   |            |
| 108-05-4   | Vinyl acetate             | 50   |            |
| 78-93-3    | 2-Butanone                | 48   |            |
| 156-59-2   | cis-1,2-Dichloroethene    | 48   |            |
| 590-20-7   | 2,2-Dichloropropane       | 48   |            |
| 74-97-5    | Bromochloromethane        | 49   |            |
| 67-66-3    | Chloroform                | 46   | ·····      |
| 71-55-6    | 1,1,1-Trichloroethane     | 50   |            |
| 563-58-6   | 1,1-Dichloropropene       | 48   |            |
| 56-23-5    | Carbon Tetrachloride      | 48   |            |
| 107-06-2   | 1,2-Dichloroethane        | 50 - |            |
| 71-43-2    | Benzene                   | 48 - | ·····      |
| 79-01-6    | Trichloroethene           | 49   |            |
| 78-87-5    | 1,2-Dichloropropane       | 50 - |            |
| 74-95-3    | Dibromomethane            | 50 - |            |
| 75-27-4    | Bromodichloromethane      | 50 - |            |
| 10061-01-5 | cis-1,3-Dichloropropene   | 48 — |            |
| 108-10-1   | 4-Methyl-2-pentanone      | 50   |            |
| 108-88-3   | Toluene                   | 51   |            |
| 10061-02-6 | trans-1,3-Dichloropropene | 48 - | ********** |
| 79-00-5    | 1,1,2-Trichloroethane     | 50 - |            |

EPA SAMPLE NO.

SMW-12MSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-01BMSD

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8292

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L

|                                    | T   |
|------------------------------------|-----|
| 142-28-91,3-Dichloropropane        | 49  |
| 127-18-4Tetrachloroethene          | 63  |
| 591-78-62-Hexanone                 | 47  |
| 124-48-1Dibromochloromethane       | 48  |
| 106-93-41,2-Dibromoethane          | 48  |
| 108-90-7Chlorobenzene              | 49  |
| 630-20-61,1,1,2-Tetrachloroethane  | 47  |
| 100-41-4Ethylbenzene               | 48  |
| m,p-Xylene                         | 100 |
| 95-47-6o-Xylene                    | 49  |
| 1330-20-7Xylene (Total)            | 150 |
| 100-42-5Styrene                    | 50  |
| 75-25-2Bromoform                   | 46  |
| 98-82-8Isopropylbenzene            | 49  |
| 79-34-51,1,2,2-Tetrachloroethane   | 50  |
| 108-86-1Bromobenzene               | 48  |
| 96-18-41,2,3-Trichloropropane      | 49  |
| 103-65-1n-Propylbenzene            | 48  |
| 95-49-82-Chlorotoluene             | 48  |
| 108-67-81,3,5-Trimethylbenzene     | 49  |
| 106-43-44-Chlorotoluene            | 49  |
| 98-06-6tert-Butylbenzene           | 48  |
| 95-63-61,2,4-Trimethylbenzene      | 50  |
| 135-98-8sec-Butylbenzene           | 50  |
| 99-87-64-Isopropyltoluene          | 50  |
| 541-73-11,3-Dichlorobenzene        | 49  |
| 106-46-71,4-Dichlorobenzene        | 48  |
| 104-51-8n-Butylbenzene             | 50  |
| 95-50-11,2-Dichlorobenzene         | 53  |
| 96-12-81,2-Dibromo-3-chloropropane | 52  |
| 120-82-11,2,4-Trichlorobenzene     | 46  |
| 87-68-3Hexachlorobutadiene         | 44  |
| 91-20-3Naphthalene                 | 46  |
| 87-61-61,2,3-Trichlorobenzene      | 44  |
|                                    |     |

EPA SAMPLE NO.

SMW-13

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-02B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8266

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

| 75-71-8    | Dichlorodifluoromethane                |                       | ט 5        |
|------------|--|-----------------------|------------|
| 74-87-3    | Chloromethane                          |                       | <u>ט</u> ו |
| 75-01-4    | Vinyl Chloride                         | _                     |            |
| 74-83-9    | Bromomethane                           | -                     |            |
| 75-00-3    | Chloroethane                           | -  5                  |            |
| 75-69-4    | Trichlorofluoromethane                 |                       |            |
| 75-35-4    | 1,1-Dichloroethene                     | -  5                  | ָ<br>ט     |
| 67-64-1    | Acetone                                | -  4                  |            |
| 74-88-4    | Iodomethane                            | -  5                  |            |
| 75-15-0    | Carbon Disulfide                       |                       | Ū          |
| 75-09-2    | Methylene Chloride                     | -  5                  | บี         |
| 156-60-5   | trans-1,2-Dichloroethene               |                       | ป็น        |
| 1634-04-4  | Methyl tert-butyl ether                | 5                     | บี         |
| 75-34-3    | 1,1-Dichloroethane                     | _                     | Ū          |
| 108-05-4   | Vinyl acetate                          | 5                     | Ü          |
| 78-93-3    | 2-Butanone                             | 5                     | Ū          |
| 156-59-2   | cis-1,2-Dichloroethene                 | 5                     | Ū          |
| 590-20-7   | 2,2-Dichloropropane                    | -                     | Ū          |
| 74-97-5    | Bromochloromethane                     | 5<br>_<br>_           | Ū          |
| 67-66-3    | Chloroform                             | 5                     | υ          |
| 71-55-6    | 1,1,1-Trichloroethane                  | 5                     | Ū          |
| 563-58-6   | 1,1-Dichloropropene                    | 5                     | Ū          |
| 56-23-5    | Carbon Tetrachloride                   | 1 5                   | ΙŪ         |
| 107-06-2   | 1,2-Dichloroethane                     | 5                     | Ū          |
| 71-43-2    | Benzene                                | -                     | lΰ         |
| 79-01-6    | Trichloroethene                        | 5<br>5<br>5<br>3      | J          |
| 78-87-5    | 1, 2-Dichloropropane                   | 1 5                   | U          |
| 74-95-3    | Dibromomethane                         | -                     | lΰ         |
| 75-27-4    | Bromodichloromethane                   | ] 5                   | Ū          |
| 10061-01-5 | cis-1,3-Dichloropropene                | 5<br>5<br>5<br>5<br>5 | Ū          |
| 108-10-1   | 4-Methyl-2-pentanone                   | 1 5                   | Ū          |
| 108-88-3   | Toluene                                | 5                     | Ū          |
| 10061-02-6 | trans-1,3-Dichloropropene              | 5                     | Ū          |
| 79-00-5    | 1,1,2-Trichloroethane                  | 5                     | ן ט        |
|            | ************************************** |                       |            |
|            |  | 1                     | l          |

EPA SAMPLE NO.

SMW-13

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-02B

Sample wt/vol: 5.000 (q/mL) ML

Lab File ID: V5G8266

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

| 142-28-91, 3-Dichloropropane       5         127-18-4Tetrachloroethene       5         591-78-62-Hexanone       5         124-48-1Dibromochloromethane       5         106-93-41, 2-Dibromoethane       5         108-90-7 | CAS NO.  | COMPOUND  | (ug/L or ug/   | Q                                       |
|--|--|---|--|---|
|  | 127-18-4 591-78-6 124-48-1 106-93-4 108-90-7 630-20-6 100-41-4 95-47-6 75-25-2 98-82-8 79-34-5 108-86-1 96-18-4 95-49-8 108-67-8 95-63-6 | Tetrachloroethe2-Hexanone2-HexanoneDibromochloror1,2-Dibromoethe1,1,1,2-TetraceEthylbenzene | methane hane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloropane ne ne ylbenzene ne luene chloroethane chloropropane | 555555555555555555555555555555555555555 |

#### VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMW-13 Contract:

Lab Name: MITKEM CORPORATION

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-02B

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V5G8266

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) ug/L

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | 1 |
|------------|---------------|----|------------|---|
|            |               |    |            |   |
| 1          |               |    |            |   |
| 2          |               |    |            |   |
| , ,        |               |    |            |   |
| 4          |               |    |            |   |
| 5          |               |    |            |   |
| , 0.       |               |    |            |   |
| [ / •      |               |    |            |   |
| 1 0.       |               |    |            |   |
| 9.         |               |    |            |   |
| ) 1.0.     |               |    |            |   |
| 11.        |               |    |            |   |
| : 144.     |               |    |            |   |
| 1 10.      |               |    |            |   |
| 1 44.      |               | l  |            |   |
| 1 1.5 .    |               |    |            |   |
| 16.        |               |    |            |   |
| 1 1/.      |               |    |            |   |
| 1          |               |    |            |   |
| 1 42.      |               |    |            |   |
| 1 20.      |               |    |            |   |
| 21.        |               |    |            |   |
| 44.        |               |    |            |   |
| 23.        |               |    |            |   |
| 24.        |               |    |            |   |
| 43.        |               |    |            |   |
| 1 26.      |               |    |            |   |
| 1 2/.      |               |    |            |   |
| 28.        |               |    |            |   |
| 29.        |               |    |            |   |
| 30         |               |    |            |   |
|            |               |    |            |   |
|            |               | l  | l          |   |

SMW-14

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-03B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8267

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

EPA SAMPLE NO.

SMW-14

Q

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No

SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-03B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8267

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

| 142-28-91,3-Dichloropropane 127-18-4Tetrachloroethene 591-78-62-Hexanone 124-48-1Dibromochloromethane 106-93-4 | 555555555555555555555555555555555555555 | ממממממממממממממממממממממממממ |
|--|---|----------------------------|
| 96-12-81,2-Dibromo-3-chloropropane<br>120-82-11,2,4-Trichlorobenzene   | 5<br>5                                  | ט                          |

#### VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

SMW-14 Contract:

|  | Lab | Name: | MITKEM | CORP | ORAT | CION: |
|--|-----|-------|--------|------|------|-------|
|--|-----|-------|--------|------|------|-------|

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-03B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8267

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: \_\_\_\_(uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Number TICs found: 0

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | ŧ     |
|------------|---------------|----|------------|-------|
| 1          |               |    |            | ===== |
| 1 2.       |               |    |            |       |
|            |               |    |            |       |
| 1 4 1      |               |    |            |       |
| 5.         |               |    |            |       |
| 0.         |               |    |            |       |
| 1 /•       |               |    |            |       |
| 8          |               |    |            |       |
| 10.        |               |    |            |       |
|            |               |    |            |       |
| 1 14.      |               |    |            |       |
|            |               |    |            |       |
|            |               |    |            |       |
| 1 13.      |               |    |            |       |
| 16.        |               |    |            |       |
| 17.        |               |    |            |       |
| 18.        |               |    |            |       |
| 19         |               |    |            |       |
|            |               |    |            |       |
| 1 22.      |               |    | ·          |       |
| 1 49.      |               |    |            |       |
| 24.        |               |    |            |       |
| 1 4.0.     |               |    |            |       |
| 1 20.      |               |    |            |       |
| 1 41.      |               |    |            |       |
| 28.        |               |    |            |       |
| 29.        |               |    |            |       |
|            |               |    |            |       |
| I          |               |    |            |       |

EPA SAMPLE NO.

SMW-16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-04B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8268

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

SMW-16

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-04B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8268

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

| CAS NO.  | COMPOUND                                 | (ug/L or    | ug/kg)                                  | UG/L                                    | Q    |
|----------|--|-------------|---|---|------|
| 142-28-9 | 1,3-Dichloropro                          | pane        |   | 5                                       | υ    |
| 127-18-4 | Tetrachloroethe                          | ne          |   | 25                                      |      |
| 591-78-6 | 2-Hexanone                               |             |   | 5                                       |      |
|          | Dibromochlorome                          |             |   | 5                                       |      |
|          | 1,2-Dibromoetha                          | ne          | *************************************** | 5                                       | ט פ  |
| 108-90-7 | Chlorobenzene                            | -           |   | 5                                       | ט i  |
| 630-20-6 | 1,1,1,2-Tetra $\overline{\ch}$           | loroethane  |   | 5                                       | ט    |
| 100-41-4 | Ethylbenzene                             |             |   | 5                                       | וט   |
|          | m,p-Xylene                               |             |   | 5                                       | ט    |
| 95-47-6  |  |             |   | 5                                       | U    |
|          | Xylene (Total)                           |             |   | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5   | 5 U  |
| 100-42-5 |  |             |   | 5                                       | 5 U  |
|          | Bromoform                                |             |   | 5                                       | שׁוֹ |
| 98-82-8  | Isopropylbenzen                          | 9           |   | 5                                       | : U  |
| 79-34-5  | 1,1,2,2-Tetrach                          | loroethane_ |   | 5                                       | ט ו  |
| 108-86-1 | Bromobenzene                             |             |   | 5                                       | ן ט  |
| 96-18-4  | 1,2,3-Trichloro                          | oropane     |   | 5                                       | ן ש  |
| 103-65-1 | n-Propylbenzene                          |             |   | 5                                       | ן ט  |
| 95-49-8  | 2-Chlorotoluene                          |             |   | 5                                       | ע    |
| 108-67-8 | 1,3,5-Trimethyl                          | oenzene     |   | 5                                       | U    |
| 106-43-4 | 4-Chlorotoluene                          |             |   | 5                                       | U    |
| 98-06-6  | tert-Butylbenze                          | ne          |   | 5                                       | U    |
|          | 1,2,4-Trimethyll                         |             |   | 5                                       |      |
| 135-98-8 | sec-Butylbenzen                          | 9           |   | 5                                       | U    |
| 99-87-6  | 4-Isopropyltolu                          | ene         |   | 5                                       | ט    |
| 541-73-1 | 1,3-Dichloroben                          | zene        |   | 5                                       | U    |
| 106-46-7 | 1,4-Dichloroben                          | zene        |   | 5                                       | ט    |
|          | n-Butylbenzene_                          |             |   | 5<br>5<br>5                             | U    |
| 95-50-1  | 1,2-Dichloroben                          | zene        |   | 5                                       | U    |
| 96-12-8  | 1,2-Dibromo-3-cl                         | nloropropan | .e_                                     | 5                                       | U    |
| 120-82-1 | 1,2,4-Trichlorol                         | penzene     |   | 5                                       | U    |
|          | Hexachlorobutad                          | i.ene       |   | 5                                       | U    |
| 91-20-3  | Naphthalene                              |             |   | 5                                       |      |
| 87-61-6  | $1,2,3$ -Trich $\overline{\text{lorol}}$ | oenzene     |   | 5                                       | U    |
|          |  |             |   | *************************************** |      |
|          |  |             |   |   |      |

#### 1E

### VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-04B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8268

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Number TICs found: 0

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|------------|---------------|----|---|------|
| CAS NUMBER | COMPOUND NAME | RT | EST. CONC.                              | 1    |
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SMW-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-10B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8273

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

| 75-71-8Dichlorodifluoromethane       5         74-87-3Chloromethane       5         75-01-4Vinyl Chloride       5         74-83-9Bromomethane       5         75-00-3Chloroethane       5         75-69-4Trichlorofluoromethane       5         75-35-41,1-Dichloroethene       5         67-64-1Acetone       5  |     |
|---|-----|
| 74-87-3Chloromethane       5       U         75-01-4Vinyl Chloride       5       U         74-83-9Bromomethane       5       U         75-00-3Chloroethane       5       U         75-69-4Trichlorofluoromethane       5       U         75-35-41,1-Dichloroethene       5       U         67-64-1Acetone       5       U                                       |     |
| 75-01-4Vinyl Chloride       5 U         74-83-9Bromomethane       5 U         75-00-3Chloroethane       5 U         75-69-4Trichlorofluoromethane       5 U         75-35-41,1-Dichloroethene       5 U         67-64-1Acetone       5 U  |     |
| 74-83-9Bromomethane       5 U         75-00-3Chloroethane       5 U         75-69-4Trichlorofluoromethane       5 U         75-35-41,1-Dichloroethene       5 U         67-64-1Acetone       5 U  |     |
| 75-69-4Trichlorofluoromethane 5 U<br>75-35-41,1-Dichloroethene 5 U<br>67-64-1Acetone 5 U  |     |
| 75-35-41,1-Dichloroethene 5 U 67-64-1Acetone 5 U  |     |
| 75-35-41,1-Dichloroethene 5 U 67-64-1Acetone 5 U  |     |
| 67-64-1Acetone 5 U  |     |
|   |     |
| 74-88-4Iodomethane 5 U  |     |
| 75-15-0Carbon Disulfide 5 U   |     |
| 75-09-2Methylene Chloride 5 U   | - 1 |
| 156-60-5trans-1,2-Dichloroethene 5 U<br>1634-04-4Methyl tert-butyl ether 5 U  |     |
| 1634-04-4Methyl tert-butyl ether 5 U  |     |
| 75-34-31,1-Dichloroethane 5 U   |     |
| 108-05-4Vinyl acetate       5 U         78-93-32-Butanone       5 U         156-59-2cis-1,2-Dichloroethene       5 U         590-20-72,2-Dichloropropane       5 U         74-97-5Bromochloromethane       5 U         67-66-3Chloroform       5 U         71-55-61,1,1-Trichloroethane       5 U         563-58-61,1-Dichloropropene       5 U         56-23-5 |     |
| 78-93-32-Butanone 5 U   |     |
| 156-59-2cis-1,2-Dichloroethene 5 U  |     |
| 590-20-72,2-Dichloropropane 5 U   |     |
| 74-97-5Bromochloromethane 5 U   |     |
| 67-66-3Chloroform 5 U   |     |
| 71-55-61,1,1-Trichloroethane5U  |     |
| 563-58-61,1-Dichloropropene 5 U   |     |
| 56-23-5Carbon Tetrachloride 5 U   | İ   |
| 107-06-21,2-Dichloroethane 5 U  |     |
| 71-43-2Benzene5 U   |     |
| 79-01-6Trichloroethene5U  |     |
| 78-87-51,2-Dichloropropane5U  |     |
| 74-95-3Dibromomethane5U   |     |
| 75-27-4Bromodichloromethane5U   |     |
| 10061-01-5cis-1,3-Dichloropropene5U   |     |
| 108-10-14-Methyl-2-pentanone5 U   |     |
| 108-88-3Toluene5 U  |     |
| 10061-02-6trans-1,3-Dichloropropene 5 U   | l   |
| 79-00-51,1,2-Trichloroethane5U  |     |
|   |     |

EPA SAMPLE NO.

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-10B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8273

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. \_\_\_\_ Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q

| ab ito.   | 00111 001115  | (49/11 01  | 49/149/ | 00, 11 | `                                       | 2 |
|---|---|--|---------|--------|---|---|
| 127-18-4 591-78-6 124-48-1 106-93-4 108-90-7 630-20-6 100-41-4 95-47-6 1330-20-7 100-42-5 98-82-8 79-34-5 108-86-1 96-18-4 95-49-8 108-67-8 98-06-6 | Dibromochloromet1,2-DibromoethanChlorobenzene1,1,1,2-TetrachlEthylbenzenem,p-XyleneXyleneXyleneXyleneStyreneBromoformIsopropylbenzene1,1,2,2-TetrachlBromobenzene1,2,3-Trichloropn-Propylbenzene2-Chlorotoluene1,3,5-Trimethylb4-Chlorotoluene  | hane_eeoroethane_eropane_enzene_ee                     |         |        | 555555555555555555555555555555555555555 |   |
| 75-25-2 98-82-8 79-34-5 108-86-1 96-18-4 95-49-8 108-67-8 98-06-6 95-63-6 95-63-6 135-98-8 106-46-7 104-51-8 95-50-1 96-12-8 87-68-3 91-20-3        | BromoformIsopropylbenzene1,1,2,2-TetrachlBromobenzene1,2,3-Trichloropn-Propylbenzene2-Chlorotoluene1,3,5-Trimethylb4-Chlorotoluenetert-Butylbenzene1,2,4-Trimethylbsec-Butylbenzene4-Isopropyltolue1,3-Dichlorobenz1,4-Dichlorobenzn-Butylbenzene1,2-Dichlorobenz1,2-Dichlorobenz1,2-Dichlorobenz1,2-Dichlorobenz1,2-Dichlorobenz1,2-Dichlorobenz1,2-Dichlorobenz1,2-Dichlorobenz1,2-Dichlorobenz1,2-Dichlorobenz1,2-Dichlorobenz | oroethane_ ropane enzene enzene ne ene ene ene ene ene |         |        | 5 U<br>5 U<br>5 U                       |   |

#### 1E

EPA SAMPLE NO.

#### VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

TENTATIVELY IDENTIFIED COMPOUNDS

SMW-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-10B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8273

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Number TICs found: 0

| CAS NUMBER   | COMPOUND NAME | RT | EST. CONC.                              | Q                                       |
|--|---------------|----|---|---|
|  |               |    |   |   |
| 1  |               |    |   |   |
| 2  |               |    |   |   |
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| 5  |               |    |   |   |
| 6  |               |    |   |   |
| 7<br>8   |               |    |   |   |
| 9  |               |    |   | ·                                       |
| 9.   |               |    |   |   |
| 11.  |               |    |   |   |
| 12.  |               |    |   |   |
| 13.  |               |    |   |   |
| 14.  |               |    |   |   |
| 15.  |               |    |   |   |
| 16.  |               |    |   | *************************************** |
| 17.  |               |    |   | *************************************** |
| 18.  |               |    |   |   |
| 19   |               |    |   |   |
| 20.  |               |    |   |   |
| 21.  |               |    |   |   |
| 22.  |               |    |   |   |
| 23.  |               |    |   | *************************************** |
| 24.  |               |    |   |   |
| 25.  |               |    |   |   |
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| 41.  |               |    |   |   |
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SMW-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-05B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8269

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

Q

|                                     | I                                     | T |
|-------------------------------------|---------------------------------------|---|
| 75-71-8Dichlorodifluoromethane      | 5                                     | U |
| 74-87-3Chloromethane                | 5                                     | U |
| 75-01-4Vinyl Chloride               | - 5                                   | Ū |
| 74-83-9Bromomethane                 | 5                                     | Ū |
| 75-00-3Chloroethane                 | 5                                     | U |
| 75-69-4Trichlorofluoromethane       | 5                                     | Ū |
| 75-35-41,1-Dichloroethene           | 5                                     | U |
| 67-64-1Acetone                      | 5                                     | U |
| 74-88-4Iodomethane                  | 5                                     | U |
| 75-15-0Carbon Disulfide             | 5                                     | U |
| 75-09-2Methylene Chloride           | 5                                     | υ |
| 156-60-5trans-1,2-Dichloroethene    | 5                                     | U |
| 1634-04-4Methyl tert-butyl ether    | 5                                     | ט |
| 75-34-31,1-Dichloroethane           | 5                                     | U |
| 108-05-4Vinyl acetate               | 5<br>5<br>5<br>3                      | U |
| 78-93-32-Butanone                   | 5                                     | U |
| 156-59-2cis-1,2-Dichloroethene      | 3                                     | J |
| 590-20-72,2-Dichloropropane         | 5                                     | U |
| 74-97-5Bromochloromethane           | 5                                     | Ū |
| 67-66-3Chloroform                   | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | U |
| 71-55-61,1,1-Trichloroethane        | 5                                     | U |
| 563-58-61,1-Dichloropropene         | 5                                     | U |
| 56-23-5Carbon Tetrachloride         | 5                                     | U |
| 107-06-21,2-Dichloroethane          | 5                                     | Ū |
| 71-43-2Benzene                      | 5                                     | U |
| 79-01-6Trichloroethene              | 5                                     | U |
| 78-87-51,2-Dichloropropane          | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | U |
| 74-95-3Dibromomethane               | 5                                     | U |
| 75-27-4Bromodichloromethane         | 5                                     | U |
| 10061-01-5cis-1,3-Dichloropropene   | 5                                     | U |
| 108-10-14-Methyl-2-pentanone        | 5                                     | Ū |
| 108-88-3Toluene                     | 5                                     | U |
| 10061-02-6trans-1,3-Dichloropropene | 5                                     | U |
| 79-00-51,1,2-Trichloroethane        | 5                                     | U |
|                                     |                                       |   |

EPA SAMPLE NO.

| SMW-5 |
|-------|
|       |

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS N

SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-05B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8269

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

|                                    |                             | <del></del> |
|------------------------------------|-----------------------------|-------------|
| 142 20 0 1 2 Dighlerenrenen        | 5                           | ט           |
| 142-28-91,3-Dichloropropane        |                             | ט           |
| 127-18-4Tetrachloroethene          | 5                           | ט           |
| 591-78-62-Hexanone                 | 5<br>5                      | ט           |
| 124-48-1Dibromochloromethane       | 5                           | 1 - 1       |
| 106-93-41,2-Dibromoethane          | 5                           | U           |
| 108-90-7Chlorobenzene              | 5                           | U           |
| 630-20-61,1,1,2-Tetrachloroethane  | 5                           | U           |
| 100-41-4Ethylbenzene               | 5                           | U           |
| m,p-Xylene                         | 5                           | U           |
| 95-47-6o-Xylene                    | 5                           | U           |
| 1330-20-7Xylene (Total)            | 5                           | U           |
| 100-42-5Styrene                    | 5                           | U           |
| 75-25-2Bromoform                   | 5                           | U           |
| 98-82-8Isopropylbenzene            | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | U           |
| 79-34-51,1,2,2-Tetrachloroethane   | 5                           | U           |
| 108-86-1Bromobenzene               | 5                           | U           |
| 96-18-41,2,3-Trichloropropane      | 5                           | U           |
| 103-65-1n-Propylbenzene            | 5                           | U           |
| 95-49-82-Chlorotoluene             | 5                           | U           |
| 108-67-81,3,5-Trimethylbenzene     | 5                           | Ū           |
| 106-43-44-Chlorotoluene            | 5                           | ט           |
| 98-06-6tert-Butylbenzene           | 5                           | ט           |
| 95-63-61,2,4-Trimethylbenzene      | 5                           | Ū           |
| 135-98-8sec-Butylbenzene           | 5                           | Ū           |
| 99-87-64-Isopropyltoluene          | 5                           | Ū           |
| 541-73-11,3-Dichlorobenzene        | 5                           | Ū           |
| 106-46-71,4-Dichlorobenzene        | 5                           | Ü           |
| 104-51-8n-Butylbenzene             | 5                           | Ū           |
| 95-50-11,2-Dichlorobenzene         | 5                           | U U         |
|                                    | 5                           | Ü           |
| 96-12-81,2-Dibromo-3-chloropropane | 5<br>5                      | ט           |
| 120-82-11,2,4-Trichlorobenzene     |                             | i           |
| 87-68-3Hexachlorobutadiene         | 5                           | U           |
| 91-20-3Naphthalene                 | 5                           | U           |
| 87-61-61,2,3-Trichlorobenzene      | . 5                         | U           |
|                                    |                             |             |

| EPA   | SZ | MPT      | H.   | NO   |
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|     |       | Т      | TENTATIVELY | IDENTIFIED | COMPOUNDS | SMW-5 |  |
|-----|-------|--------|-------------|------------|-----------|-------|--|
| Lab | Name: | MITKEM | CORPORATION | 1 Co       | ontract:  |       |  |

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-05B

Lab File ID: Sample wt/vol: 5.000 (g/mL) ML V5G8269

Date Received: 06/19/06 Level: (low/med) LOW

% Moisture: not dec. \_\_\_\_\_ Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) ug/L

| CAS NUMBER                              | COMPOUND NAME | RT                                      | EST. CONC.   |  |
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| 22.                                     |               |   |  |  |
| 27.                                     |               |   |  |  |
| 24.                                     |               |   |  |  |
| 20.                                     |               |   |  |  |
| 20.                                     |               |   |  |  |
| 41.                                     |               |   |  |  |
| 28.                                     |               |   |  |  |
| 29.                                     |               |   |  |  |
| 30.                                     | <u> </u>      | *************************************** | ***************************************  |  |
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EPA SAMPLE NO.

SMW-6A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.

SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-06B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8270

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. \_\_\_\_ Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

|                                     |                  | <del></del> |
|-------------------------------------|------------------|-------------|
| 75-71-8Dichlorodifluoromethane      | 5                | ַט          |
| 74-87-3Chloromethane                | 5                | U           |
| 75-01-4Vinyl Chloride               | 5                | U           |
| 74-83-9Bromomethane                 | 5                | U           |
| 75-00-3Chloroethane                 | 5                | U           |
| 75-69-4Trichlorofluoromethane       | 5                |             |
| 75-35-41,1-Dichloroethene           | 5                |             |
| 67-64-1Acetone                      | 5                | U           |
| 74-88-4Iodomethane                  | 5                | U           |
| 75-15-0Carbon Disulfide             | 5                | U           |
| 75-09-2Methylene Chloride           | 5                | U           |
| 156-60-5trans-1,2-Dichloroethene    | 5                | U           |
| 1634-04-4Methyl tert-butyl ether    | 5                | U           |
| 75-34-31,1-Dichloroethane           |                  | ע           |
| 108-05-4Vinyl acetate               | 5<br>-<br>5      | U           |
| 78-93-32-Butanone                   | 5                | ש           |
| 156-59-2cis-1,2-Dichloroethene      | 5                | U           |
| 590-20-72,2-Dichloropropane         | <sup>-</sup>   5 | U           |
| 74-97-5Bromochloromethane           | 5                | U           |
| 67-66-3Chloroform                   | 5                | <b>U</b>    |
| 71-55-61,1,1-Trichloroethane        | 5                | U           |
| 563-58-61,1-Dichloropropene         | 5                | ע           |
| 56-23-5Carbon Tetrachloride         | 5                | U           |
| 107-06-21,2-Dichloroethane          | 5                | U           |
| 71-43-2Benzene                      | 5                | U           |
| 79-01-6Trichloroethene              | 5                | U           |
| 78-87-51,2-Dichloropropane          | 5                | ע           |
| 74-95-3Dibromomethane               | 5                | U           |
| 75-27-4Bromodichloromethane         | 5                | ט           |
| 10061-01-5cis-1,3-Dichloropropene   | 5                | U           |
| 108-10-14-Methyl-2-pentanone        | 5                | U           |
| 108-88-3Toluene                     | 5                | U           |
| 10061-02-6trans-1,3-Dichloropropene | 5                | U           |
| 79-00-51,1,2-Trichloroethane        | 5                | U           |
|                                     |                  |             |
|                                     |                  |             |

EPA SAMPLE NO.

SMW-6A

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-06B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8270

Level: (low/med) LOW

Soil Extract Volume: (uL)

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/L

Q

|                                    |                  | T |
|------------------------------------|------------------|---|
| 142-28-91,3-Dichloropropane        | 5                | ט |
| 127-18-4Tetrachloroethene          |                  | U |
| 591-78-62-Hexanone                 | 5                | U |
| 124-48-1Dibromochloromethane       | 5<br>5<br>5<br>5 | U |
| 106-93-41,2-Dibromoethane          | 5                | U |
| 108-90-7Chlorobenzene              | 5                | U |
| 630-20-61,1,1,2-Tetrachloroethane  | 5                | U |
| 100-41-4Ethylbenzene               | 5                | U |
| m,p-Xylene                         | 5                | U |
| 95-47-6o-Xylene                    | 5                | U |
| 1330-20-7Xylene (Total)            | 5                | U |
| 100-42-5Styrene                    | 5                | U |
| 75-25-2Bromoform                   | 5                | U |
| 98-82-8Isopropylbenzene            | 5                | U |
| 79-34-51,1,2,2-Tetrachloroethane   | 5                | U |
| 108-86-1Bromobenzene               | 5                | U |
| 96-18-41,2,3-Trichloropropane      | 5                | U |
| 103-65-1n-Propylbenzene            | 5                | U |
| 95-49-82-Chlorotoluene             | - 5              | U |
| 108-67-81,3,5-Trimethylbenzene     | 5                | U |
| 106-43-44-Chlorotoluene            | 5<br>5           | U |
| 98-06-6tert-Butylbenzene           | 5                | Ū |
| 95-63-61,2,4-Trimethylbenzene      | 5                | U |
| 135-98-8sec-Butylbenzene           | 5<br>5           | U |
| 99-87-64-Isopropyltoluene          | 5                | U |
| 541-73-11,3-Dichlorobenzene        | 5                | U |
| 106-46-71,4-Dichlorobenzene        | 5<br>5           | U |
| 104-51-8n-Butylbenzene             | 5                | U |
| 95-50-11,2-Dichlorobenzene         | 5                | U |
| 96-12-81,2-Dibromo-3-chloropropane | 5                | U |
| 120-82-11,2,4-Trichlorobenzene     | 5                | U |
| 87-68-3Hexachlorobutadiene         | 5                | U |
| 91-20-3Naphthalene                 | 5                | Ū |
| 87-61-61,2,3-Trichlorobenzene      | 5                | U |
|                                    |                  |   |
|                                    |                  |   |

#### 1E

#### VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

| SMW-6A |  |
|--------|--|
|        |  |

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-06B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8270

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume:\_\_\_\_(uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

Number TICs found: 0

|            |               | · · · · · · · · · · · · · · · · · · · | •                                       |  |
|------------|---------------|---------------------------------------|---|--|
| CAS NUMBER | COMPOUND NAME | RT                                    |   |  |
| 1.         |               |                                       |   |  |
| ۷.         |               |                                       |   |  |
| 4.         |               |                                       |   |  |
| J.         |               |                                       |   |  |
| 6.<br>7.   |               |                                       |   |  |
| 0.         |               |                                       |   |  |
| 10.        |               |                                       |   |  |
|            |               |                                       |   |  |
| 12.        |               | ···                                   |   |  |
| 14.        |               |                                       |   |  |
| 16.        |               |                                       | *************************************** |  |
|            |               |                                       |   |  |
| 18.        |               |                                       |   |  |
| 40.        |               |                                       |   |  |
| 21.        |               |                                       |   |  |
| 23.        |               |                                       |   |  |
| 24.        |               |                                       |   |  |
| 25.<br>26. |               |                                       |   |  |
| 41.        |               |                                       |   |  |
| 28.        |               |                                       |   |  |
| 30         |               |                                       | *************************************** |  |
|            |               |                                       |   |  |

EPA SAMPLE NO.

SMW-6B

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-07B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8271

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND

(ug/L or ug/Kg) UG/L

Q

| 75-71-8   |   | (49/11/01/12              | 3,3,0,           | * |
|---|---|---------------------------|------------------|---|
| 74-87-3   | 75-71-8                                 | Dichlorodifluoromethane   | 5                | U |
| 75-01-4   |   |                           | -  5             | Ū |
| 74-83-9   |   |                           | -  5             | Ū |
| 75-00-3   | 74-83-9                                 | Bromomethane              | 5                | Ū |
| 75-69-4Trichlorofluoromethane       5       U         75-35-41,1-Dichloroethene       5       U         67-64-1Acetone       5       U         74-88-4  | 75-00-3                                 | Chloroethane              | _  · 5           |   |
| 75-35-41,1-Dichloroethene       5       U         67-64-1Acetone       5       U         74-88-4Iodomethane       5       U         75-15-0Carbon Disulfide       5       U         75-09-2Methylene Chloride       5       U         156-60-5trans-1,2-Dichloroethene       5       U         1634-04-4Methyl tert-butyl ether       5       U         75-34-3Methyl tert-butyl ether       5       U         78-93-3  | 75-69-4                                 | Trichlorofluoromethane    | 5                | U |
| 67-64-1   | 75-35-4                                 | 1,1-Dichloroethene        | <sup>-</sup>   5 | U |
| 74-88-4   | 67-64-1                                 | Acetone                   | _<br>5           |   |
| 75-15-0Carbon Disulfide       5       U         75-09-2Methylene Chloride       5       U         156-60-5trans-1,2-Dichloroethene       5       U         1634-04-4Methyl tert-butyl ether       5       U         75-34-31,1-Dichloroethane       5       U         108-05-4Vinyl acetate       5       U         78-93-32-Butanone       5       U         156-59-2cis-1,2-Dichloroethene       270       E         590-20-72,2-Dichloropropane       5       U         74-97-5Bromochloromethane       5       U         77-66-3  | 74-88-4                                 | Iodomethane               | 5                | U |
| 78-93-32-Butanone       5 U         156-59-2cis-1,2-Dichloroethene       270 E         590-20-72,2-Dichloropropane       5 U         74-97-5Bromochloromethane       5 U         67-66-3Chloroform       5 U         71-55-61,1,1-Trichloroethane       5 U         563-58-61,1-Dichloropropene       5 U         56-23-5Carbon Tetrachloride       5 U         107-06-21,2-Dichloroethane       5 U         71-43-2Benzene       5 U         78-87-51,2-Dichloropropane       5 U         74-95-3Dibromomethane       5 U         75-27-4Bromodichloromethane       5 U         108-10-14-Methyl-2-pentanone       5 U         108-88-3Toluene       5 U         10061-02-6trans-1,3-Dichloropropene       5 U | 75-15-0                                 | Carbon Disulfide          | 5                | U |
| 78-93-32-Butanone       5 U         156-59-2cis-1,2-Dichloroethene       270 E         590-20-72,2-Dichloropropane       5 U         74-97-5Bromochloromethane       5 U         67-66-3Chloroform       5 U         71-55-61,1,1-Trichloroethane       5 U         563-58-61,1-Dichloropropene       5 U         56-23-5Carbon Tetrachloride       5 U         107-06-21,2-Dichloroethane       5 U         71-43-2Benzene       5 U         78-87-51,2-Dichloropropane       5 U         74-95-3Dibromomethane       5 U         75-27-4Bromodichloromethane       5 U         108-10-14-Methyl-2-pentanone       5 U         108-88-3Toluene       5 U         10061-02-6trans-1,3-Dichloropropene       5 U | 75-09-2                                 | Methylene Chloride        | 5                | U |
| 78-93-32-Butanone       5 U         156-59-2cis-1,2-Dichloroethene       270 E         590-20-72,2-Dichloropropane       5 U         74-97-5Bromochloromethane       5 U         67-66-3Chloroform       5 U         71-55-61,1,1-Trichloroethane       5 U         563-58-61,1-Dichloropropene       5 U         56-23-5Carbon Tetrachloride       5 U         107-06-21,2-Dichloroethane       5 U         71-43-2Benzene       5 U         78-87-51,2-Dichloropropane       5 U         74-95-3Dibromomethane       5 U         75-27-4Bromodichloromethane       5 U         108-10-14-Methyl-2-pentanone       5 U         108-88-3Toluene       5 U         10061-02-6trans-1,3-Dichloropropene       5 U | 156-60-5                                | trans-1,2-Dichloroethene  | 5                | U |
| 78-93-32-Butanone       5 U         156-59-2cis-1,2-Dichloroethene       270 E         590-20-72,2-Dichloropropane       5 U         74-97-5Bromochloromethane       5 U         67-66-3Chloroform       5 U         71-55-61,1,1-Trichloroethane       5 U         563-58-61,1-Dichloropropene       5 U         56-23-5Carbon Tetrachloride       5 U         107-06-21,2-Dichloroethane       5 U         71-43-2Benzene       5 U         78-87-51,2-Dichloropropane       5 U         74-95-3Dibromomethane       5 U         75-27-4Bromodichloromethane       5 U         108-10-14-Methyl-2-pentanone       5 U         108-88-3Toluene       5 U         10061-02-6trans-1,3-Dichloropropene       5 U | 1634-04-4                               | Methyl tert-butyl ether   | 5                | U |
| 78-93-32-Butanone       5 U         156-59-2cis-1,2-Dichloroethene       270 E         590-20-72,2-Dichloropropane       5 U         74-97-5Bromochloromethane       5 U         67-66-3Chloroform       5 U         71-55-61,1,1-Trichloroethane       5 U         563-58-61,1-Dichloropropene       5 U         56-23-5Carbon Tetrachloride       5 U         107-06-21,2-Dichloroethane       5 U         71-43-2Benzene       5 U         78-87-51,2-Dichloropropane       5 U         74-95-3Dibromomethane       5 U         75-27-4Bromodichloromethane       5 U         108-10-14-Methyl-2-pentanone       5 U         108-88-3Toluene       5 U         10061-02-6trans-1,3-Dichloropropene       5 U | 75-34-3                                 | 1,1-Dichloroethane        | 5                | U |
| 156-59-2cis-1,2-Dichloroethene       270 E         590-20-72,2-Dichloropropane       5 U         74-97-5Bromochloromethane       5 U         67-66-3Chloroform       5 U         71-55-61,1,1-Trichloroethane       5 U         563-58-61,1-Dichloropropene       5 U         56-23-5Carbon Tetrachloride       5 U         107-06-21,2-Dichloroethane       5 U         71-43-2Benzene       5 U         78-87-51,2-Dichloropropane       5 U         74-95-3Dibromomethane       5 U         75-27-4Bromodichloromethane       5 U         108-10-14-Methyl-2-pentanone       5 U         108-88-3Toluene       5 U         10061-02-6trans-1,3-Dichloropropene       5 U                                     |   |                           | 5                | U |
| 590-20-72,2-Dichloropropane       5         74-97-5Bromochloromethane       5         67-66-3Chloroform       5         71-55-61,1,1-Trichloroethane       5         563-58-61,1-Dichloropropene       5         56-23-5Carbon Tetrachloride       5         107-06-21,2-Dichloroethane       5         71-43-2Benzene       5         78-87-51,2-Dichloropropane       5         74-95-3Dibromomethane       5         75-27-4Bromodichloromethane       5         108-10-14-Methyl-2-pentanone       5         108-88-3Toluene       5         10061-02-6trans-1,3-Dichloropropene       5  | 78-93-3                                 | 2-Butanone                | 5                | U |
| 74-97-5   | 156-59-2                                | cis-1,2-Dichloroethene    | 270              | E |
| 71-43-2Benzene       5       U         79-01-6Trichloroethene       85         78-87-51,2-Dichloropropane       5       U         74-95-3Dibromomethane       5       U         75-27-4Bromodichloromethane       5       U         10061-01-5cis-1,3-Dichloropropene       5       U         108-88-3Toluene       5       U         10061-02-6trans-1,3-Dichloropropene       5       U   | 590-20-7                                | 2,2-Dichloropropane       | <del>-</del>   5 | U |
| 71-43-2Benzene       5       U         79-01-6Trichloroethene       85         78-87-51,2-Dichloropropane       5       U         74-95-3Dibromomethane       5       U         75-27-4Bromodichloromethane       5       U         10061-01-5cis-1,3-Dichloropropene       5       U         108-88-3Toluene       5       U         10061-02-6trans-1,3-Dichloropropene       5       U   |   |                           | 5                | U |
| 71-43-2Benzene       5       U         79-01-6Trichloroethene       85         78-87-51,2-Dichloropropane       5       U         74-95-3Dibromomethane       5       U         75-27-4Bromodichloromethane       5       U         10061-01-5cis-1,3-Dichloropropene       5       U         108-88-3Toluene       5       U         10061-02-6trans-1,3-Dichloropropene       5       U   |   |                           | 5                | U |
| 71-43-2Benzene       5       U         79-01-6Trichloroethene       85         78-87-51,2-Dichloropropane       5       U         74-95-3Dibromomethane       5       U         75-27-4Bromodichloromethane       5       U         10061-01-5cis-1,3-Dichloropropene       5       U         108-88-3Toluene       5       U         10061-02-6trans-1,3-Dichloropropene       5       U   | 71-55-6                                 | 1,1,1-Trichloroethane     | 5                | U |
| 71-43-2Benzene       5       U         79-01-6Trichloroethene       85         78-87-51,2-Dichloropropane       5       U         74-95-3Dibromomethane       5       U         75-27-4Bromodichloromethane       5       U         10061-01-5cis-1,3-Dichloropropene       5       U         108-88-3Toluene       5       U         10061-02-6trans-1,3-Dichloropropene       5       U   | 563-58-6                                | 1,1-Dichloropropene       | 5                | - |
| 71-43-2Benzene       5       U         79-01-6Trichloroethene       85         78-87-51,2-Dichloropropane       5       U         74-95-3Dibromomethane       5       U         75-27-4Bromodichloromethane       5       U         10061-01-5cis-1,3-Dichloropropene       5       U         108-88-3Toluene       5       U         10061-02-6trans-1,3-Dichloropropene       5       U   |   |                           | 5                | U |
| 79-01-6Trichloroethene       85         78-87-51,2-Dichloropropane       5         74-95-3Dibromomethane       5         75-27-4Bromodichloromethane       5         10061-01-5cis-1,3-Dichloropropene       5         108-10-14-Methyl-2-pentanone       5         108-88-3Toluene       5         10061-02-6trans-1,3-Dichloropropene       5   |   |                           | 5                | U |
| 78-87-51, 2-Dichloropropane       5         74-95-3Dibromomethane       5         75-27-4Bromodichloromethane       5         10061-01-5cis-1, 3-Dichloropropene       5         108-10-14-Methyl-2-pentanone       5         108-88-3Toluene       5         10061-02-6trans-1, 3-Dichloropropene       5  |   |                           |                  | U |
| 74-95-3Dibromomethane       5         75-27-4Bromodichloromethane       5         10061-01-5cis-1,3-Dichloropropene       5         108-10-14-Methyl-2-pentanone       5         108-88-3Toluene       5         10061-02-6trans-1,3-Dichloropropene       5  | 79-01-6                                 | Trichloroethene           |                  |   |
| 75-27-4Bromodichloromethane 5 U 10061-01-5cis-1,3-Dichloropropene 5 U 108-10-14-Methyl-2-pentanone 5 U 108-88-3Toluene 5 U 10061-02-6trans-1,3-Dichloropropene 5 U  | 78-87-5                                 | 1,2-Dichloropropane       |                  | - |
| 10061-01-5cis-1,3-Dichloropropene       5       U         108-10-14-Methyl-2-pentanone       5       U         108-88-3Toluene       5       U         10061-02-6trans-1,3-Dichloropropene       5       U  |   |                           |                  | U |
| 108-10-14-Methyl-2-pentanone       5       U         108-88-3Toluene       5       U         10061-02-6trans-1,3-Dichloropropene       5       U  | 75-27-4                                 | Bromodichloromethane      | 5                | U |
| 108-88-3Toluene 5 U<br>10061-02-6trans-1,3-Dichloropropene 5 U  | 10061-01-5                              | cis-1,3-Dichloropropene   | 5                | U |
| 10061-02-6trans-1,3-Dichloropropene 5 U   | 108-10-1                                | 4-Methyl-2-pentanone      | 5                |   |
| 10061-02-6trans-1,3-Dichloropropene       5         79-00-51,1,2-Trichloroethane       5  | 108-88-3                                | Toluene                   |                  |   |
| 79-00-51,1,2-Trichloroethane5U  | 10061-02-6                              | trans-1,3-Dichloropropene |                  |   |
|   | 79-00-5                                 | 1,1,2-Trichloroethane     | 5                | U |
|   | *************************************** |                           |                  |   |

SMW-6B

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-07B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8271

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

Q (ug/L or ug/Kg) UG/L CAS NO. COMPOUND

| 142-28-91,3-Dichloropropane        | 5           | U   |
|------------------------------------|-------------|-----|
| 127-18-4Tetrachloroethene          | 1200        | E   |
| 591-78-62-Hexanone                 | 5           | U   |
| 124-48-1Dibromochloromethane       | 5           | U   |
| 106-93-41,2-Dibromoethane          | 5           | U . |
| 108-90-7Chlorobenzene              | 5           | U   |
| 630-20-61,1,1,2-Tetrachloroethane  | 5           | U   |
| 100-41-4Ethylbenzene               | 5           | U   |
| m,p-Xylene                         | 5           | U   |
| 95-47-6o-Xylene                    | 5           | שׁ  |
| 1330-20-7Xylene (Total)            | 5           | U   |
| 100-42-5Styrene                    | 5           | U   |
| 75-25-2Bromoform                   |             | U   |
| 98-82-8Isopropylbenzene            | 5           | U   |
| 79-34-51,1,2,2-Tetrachloroethane   | 5           | U   |
| 108-86-1Bromobenzene               | 5           | ט   |
| 96-18-41,2,3-Trichloropropane      |             | U   |
| 103-65-1n-Propylbenzene            | 5 5 5 5 5 5 | שו  |
| 95-49-82-Chlorotoluene             | 5           | υ   |
| 108-67-81,3,5-Trimethylbenzene     | 5           | lσ  |
| 106-43-44-Chlorotoluene            | 5           | U   |
| 98-06-6tert-Butylbenzene           | 5           | U   |
| 95-63-61,2,4-Trimethylbenzene      | 5           | Ū   |
| 135-98-8sec-Butylbenzene           | 5           | U   |
| 99-87-64-Isopropyltoluene          | 5           | U   |
| 541-73-11,3-Dichlorobenzene        | 5           | Ū   |
| 106-46-71,4-Dichlorobenzene        | 5           | Ū   |
| 104-51-8n-Butylbenzene             | 5           | U   |
| 95-50-11,2-Dichlorobenzene         | 5<br>5      | Ū   |
| 96-12-81,2-Dibromo-3-chloropropane | 5           | Ū   |
| 120-82-11,2,4-Trichlorobenzene     | 5           | Ū   |
| 87-68-3Hexachlorobutadiene         | 5           | Ū   |
| 91-20-3Naphthalene                 | 5           | Ü   |
| 87-61-61,2,3-Trichlorobenzene      | 5           | U   |
|                                    | 5           | -   |
|                                    |             |     |

### VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

| SMW-6B |  |
|--------|--|
|        |  |

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-07B

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V5G8271

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Number TICs found: 0

Dilution Factor: 1.0

Soil Aliquot Volume: (uL)

Soil Extract Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/L

|            |   |                 | P   | •                                       |
|------------|---|-----------------|---|---|
| CAS NUMBER | COMPOUND NAME   | RT              | EST. CONC.  | Q                                       |
| i          | =======================================   | =   = = = = = = |   |   |
| 1          |   | _               |   |   |
| 2.         |   |                 |   |   |
| J          |   |                 | MANAGEMENT CONTRACTOR |   |
| <b>T.</b>  |   |                 |   |   |
| 5          |   |                 |   |   |
| 0.         |   |                 |   |   |
| / •        |   |                 |   |   |
| 0.         |   | _               |   |   |
| J.         |   |                 | ****  |   |
| TO.        |   | _               |   |   |
| <u></u>    |   | _               |   |   |
| 12.        |   |                 |   | <del></del>                             |
| 13.        | WHIAWAR WARRANT AND A STATE OF THE STATE OF |                 |   | *************************************** |
| 14.        |   |                 |   |   |
| ±-J•       |   |                 |   |   |
|            |   |                 |   |   |
| <b></b> /• |   | _               |   |   |
| 10.        |   |                 |   |   |
| 19.        |   |                 |   |   |
| <b>40.</b> |   |                 |   |   |
| 21.        |   |                 |   |   |
| 44.        |   |                 |   |   |
| 43.        |   |                 |   |   |
| Z4.        |   |                 |   |   |
| 21 J .     |   |                 |   | -                                       |
| 20.        |   |                 |   |   |
| 41.        |   |                 |   |   |
| 20.        |   |                 |   |   |
| 29.        |   | _               |   |   |
| 30.        |   | -               |   |   |
|            |   |                 |   |   |

EPA SAMPLE NO.

SMW-6BDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-07BDL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8298

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

|  |     | <del></del> |
|--|-----|-------------|
| 75-71-8Dichlorodifluoromethane   | 50  | ט           |
| 74-87-3Chloromethane   | 50  | 1           |
| 75-01-4Vinyl Chloride  | 50  |             |
| 74-83-9Bromomethane  | 50  |             |
| 75-00-3Chloroethane  | 50  | ט           |
| 75-69-4Trichlorofluoromethane  | 50  |             |
| 75-35-41,1-Dichloroethene  | 50  |             |
| 67-64-1Acetone   | 50  |             |
| 74-88-4Iodomethane   | 50  |             |
| 75-15-0Carbon Disulfide  | 50  |             |
| 75-09-2Methylene Chloride  | 50  | ט           |
| 156-60-5trans-1,2-Dichloroethene   | 50  | U           |
| 1634-04-4Methyl tert-butyl ether   | 50  |             |
| 75-34-31,1-Dichloroethane  | 50  | U           |
| 108-05-4Vinyl acetate  | 50  | U           |
| 78-93-32-Butanone  | 50  | U           |
| 156-59-2cis-1,2-Dichloroethene   | 210 | D           |
| 590-20-72,2-Dichloropropane  | 50  | U           |
| 74-97-5Bromochloromethane  | 50  | U           |
| 67-66-3Chloroform  | 50  | U           |
| 71-55-61,1,1-Trichloroethane   | 50  | U           |
| 563-58-61,1-Dichloropropene  | 50  | U ·         |
| 56-23-5Carbon Tetrachloride  | 50  | U           |
| 107-06-21,2-Dichloroethane   | 50  | U           |
| 71-43-2Benzene   | 50  | U           |
| 79-01-6Trichloroethene   | 68  | D           |
| 78-87-51,2-Dichloropropane   | 50  | U           |
| 74-95-3Dibromomethane  | 50  | U           |
| 75-27-4Bromodichloromethane  | 50  | U           |
| 10061-01-5cis-1,3-Dichloropropene  | 50  | U           |
| 108-10-14-Methyl-2-pentanone   | 50  | U           |
| 108-88-3Toluene  | 50  | U           |
| 10061-02-6trans-1,3-Dichloropropene  |     | U           |
| 79-00-51,1,2-Trichloroethane   | 50  | U           |
| Annual An |     |             |
| 1  |     |             |

EPA SAMPLE NO.

SMW-6BDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: E0832-07BDL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8298

Level: (low/med) LOW Date Received: 06/19/06

% Moisture: not dec. Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

| 142-28-91,3-Dichloropropane       50 U         127-18-4Tetrachloroethene       1100 D         591-78-62-Hexanone       50 U         124-48-1Dibromochloromethane       50 U         106-93-41,2-Dibromoethane       50 U         108-90-7Chlorobenzene       50 U         630-20-61,1,1,2-Tetrachloroethane       50 U         100-41-4Ethylbenzene       50 U         95-47-6   |  |
|--|--|
| 127-18-4Tetrachloroethene       1100 D         591-78-62-Hexanone       50 U         124-48-1Dibromochloromethane       50 U         106-93-41,2-Dibromoethane       50 U         108-90-7Chlorobenzene       50 U         630-20-61,1,1,2-Tetrachloroethane       50 U         100-41-4Ethylbenzene       50 U         95-47-6  |  |
| 591-78-62-Hexanone       50 U         124-48-1Dibromochloromethane       50 U         106-93-41,2-Dibromoethane       50 U         108-90-7Chlorobenzene       50 U         630-20-61,1,1,2-Tetrachloroethane       50 U         100-41-4Ethylbenzene       50 U   |  |
| 124-48-1Dibromochloromethane       50 U         106-93-41,2-Dibromoethane       50 U         108-90-7Chlorobenzene       50 U         630-20-61,1,1,2-Tetrachloroethane       50 U         100-41-4Ethylbenzene       50 U         95-47-6   |  |
| 106-93-41,2-Dibromoethane       50 U         108-90-7Chlorobenzene       50 U         630-20-61,1,1,2-Tetrachloroethane       50 U         100-41-4Ethylbenzene       50 U         95-47-6   |  |
| 108-90-7   |  |
| 630-20-61,1,1,2-Tetrachloroethane       50 U         100-41-4Ethylbenzene       50 U   |  |
| 100-41-4Ethylbenzene       50 U  |  |
|  |  |
| 95-47-6  |  |
| 1330-20-7Xylene (Total)       50 U         100-42-5Styrene       50 U         75-25-2Bromoform       50 U         98-82-8Isopropylbenzene       50 U         79-34-51,1,2,2-Tetrachloroethane       50 U         108-86-1Bromobenzene       50 U         96-18-41,2,3-Trichloropropane       50 U         103-65-1n-Propylbenzene       50 U         95-49-82-Chlorotoluene       50 U         108-67-81,3,5-Trimethylbenzene       50 U         106-43-44-Chlorotoluene       50 U         98-06-6tert-Butylbenzene       50 U         95-63-6sec-Butylbenzene       50 U |  |
| 100-42-5Styrene       50 U         75-25-2Bromoform       50 U         98-82-8Isopropylbenzene       50 U         79-34-51,1,2,2-Tetrachloroethane       50 U         108-86-1Bromobenzene       50 U         96-18-41,2,3-Trichloropropane       50 U         103-65-1  |  |
| 75-25-2Bromoform       50 U         98-82-8Isopropylbenzene       50 U         79-34-51,1,2,2-Tetrachloroethane       50 U         108-86-1Bromobenzene       50 U         96-18-41,2,3-Trichloropropane       50 U         103-65-1n-Propylbenzene       50 U         95-49-82-Chlorotoluene       50 U         108-67-81,3,5-Trimethylbenzene       50 U         106-43-44-Chlorotoluene       50 U         98-06-6tert-Butylbenzene       50 U         95-63-61,2,4-Trimethylbenzene       50 U         135-98-8sec-Butylbenzene       50 U                             |  |
| 98-82-8  |  |
| 79-34-51,1,2,2-Tetrachloroethane       50 U         108-86-1Bromobenzene       50 U         96-18-41,2,3-Trichloropropane       50 U         103-65-1n-Propylbenzene       50 U         95-49-82-Chlorotoluene       50 U         108-67-81,3,5-Trimethylbenzene       50 U         106-43-44-Chlorotoluene       50 U         98-06-6tert-Butylbenzene       50 U         95-63-61,2,4-Trimethylbenzene       50 U         135-98-8sec-Butylbenzene       50 U  |  |
| 108-86-1Bromobenzene       50 U         96-18-41,2,3-Trichloropropane       50 U         103-65-1n-Propylbenzene       50 U         95-49-82-Chlorotoluene       50 U         108-67-81,3,5-Trimethylbenzene       50 U         106-43-44-Chlorotoluene       50 U         98-06-6tert-Butylbenzene       50 U         95-63-61,2,4-Trimethylbenzene       50 U         135-98-8sec-Butylbenzene       50 U  |  |
| 96-18-41,2,3-Trichloropropane       50 U         103-65-1n-Propylbenzene       50 U         95-49-82-Chlorotoluene       50 U         108-67-81,3,5-Trimethylbenzene       50 U         106-43-44-Chlorotoluene       50 U         98-06-6tert-Butylbenzene       50 U         95-63-61,2,4-Trimethylbenzene       50 U         135-98-8sec-Butylbenzene       50 U  |  |
| 103-65-1n-Propylbenzene       50 U         95-49-82-Chlorotoluene       50 U         108-67-81,3,5-Trimethylbenzene       50 U         106-43-44-Chlorotoluene       50 U         98-06-6tert-Butylbenzene       50 U         95-63-61,2,4-Trimethylbenzene       50 U         135-98-8sec-Butylbenzene       50 U   |  |
| 95-49-82-Chlorotoluene       50 U         108-67-81,3,5-Trimethylbenzene       50 U         106-43-44-Chlorotoluene       50 U         98-06-6tert-Butylbenzene       50 U         95-63-61,2,4-Trimethylbenzene       50 U         135-98-8sec-Butylbenzene       50 U  |  |
| 108-67-81,3,5-Trimethylbenzene       50 U         106-43-44-Chlorotoluene       50 U         98-06-6tert-Butylbenzene       50 U         95-63-61,2,4-Trimethylbenzene       50 U         135-98-8sec-Butylbenzene       50 U  |  |
| 106-43-44-Chlorotoluene       50 U         98-06-6tert-Butylbenzene       50 U         95-63-61,2,4-Trimethylbenzene       50 U         135-98-8sec-Butylbenzene       50 U  |  |
| 98-06-6tert-Butylbenzene       50 U         95-63-61,2,4-Trimethylbenzene       50 U         135-98-8sec-Butylbenzene       50 U   |  |
| 95-63-61,2,4-Trimethylbenzene 50 U<br>135-98-8sec-Butylbenzene 50 U  |  |
| 135-98-8sec-Butylbenzene 50 U  |  |
| 133-38-8sec-bucytbenzene   |  |
| 99-87-64-Isopropyltoluene 50 U   |  |
| 541-73-11,3-Dichlorobenzene 50 U   |  |
| 106-46-71,4-Dichlorobenzene 50 U   |  |
| 104-51-8n-Butylbenzene 50 U  |  |
| 95-50-11,2-Dichlorobenzene 50 U  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| 91-20-3Naphthalene 50 U  |  |
| 87-61-61,2,3-Trichlorobenzene50 U  |  |

### VOLATILE ORGANICS ANALYSIS DATA SHEET TENTATIVELY IDENTIFIED COMPOUNDS

| EPA | SAMPLE | NO |
|-----|--------|----|
|-----|--------|----|

| Tah | Namo . | MTTTVETM | CORPORATION |
|-----|--------|----------|-------------|
| Lab | Name:  | MITIKEM  | CORPORALION |

Contract:

SMW-6BDL

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: E0832-07BDL

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V5G8298

Level: (low/med) LOW

Date Received: 06/19/06

% Moisture: not dec.

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 10.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: Number TICs found: 0 (ug/L or ug/Kg) ug/L

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q           |
|------------|---------------|----|------------|-------------|
|            |               |    |            | =====       |
| 1          |               |    |            |             |
| 2.         |               |    |            |             |
| 2          |               |    |            |             |
| 3          |               |    |            |             |
|            |               |    |            | <del></del> |
| 5          |               |    |            |             |
| 6          |               |    |            |             |
| 7.         |               |    |            |             |
|            |               |    |            |             |
| ·          |               |    |            |             |
| 1 10.      |               |    |            |             |
| ·          |               |    |            |             |
| ا ساست ا   |               |    |            |             |
| Jan J      |               |    |            |             |
|            |               |    |            |             |
|            |               |    |            |             |
| 16.        |               |    |            |             |
|            |               |    |            |             |
| 1 10.      |               |    |            |             |
|            |               |    |            |             |
| 1 20.      |               |    |            |             |
| 21.        |               |    |            |             |
| 22.        |               |    |            |             |
| 23.        |               |    |            |             |
| 24.        |               |    |            |             |
| 25         |               |    |            |             |
| 25.        |               |    |            |             |
| , 20.      |               |    |            |             |
| 4./•       |               |    |            |             |
| 40.        |               |    |            |             |
| 29.        |               |    |            |             |
| 30.        |               |    |            |             |
|            |               |    |            |             |

EPA SAMPLE NO.

| Lab Name: MITKEM CORI | PORATION        | Contract:      | V5ALCS        |
|-----------------------|-----------------|----------------|---------------|
| Lab Code: MITKEM      | Case No.:       | SAS No.: SDC   | G No.: ME0832 |
| Matrix: (soil/water)  | WATER           | Lab Sample ID  | : LCS-24396   |
| Sample wt/vol:        | 5.000 (g/mL) ML | Lab File ID:   | °V5G8254      |
| Level: (low/med)      | LOW             | Date Received  |               |
| % Moisture: not dec.  |                 | Date Analyzed  | : 06/28/06    |
| GC Column: DB-624     | ID: 0.25 (mm)   | Dilution Facto | or: 1.0       |
| Soil Extract Volume:  | (uL)            | Soil Aliquot V | Volume: (uL   |

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Q

|           |                           | ~  |
|-----------|---------------------------|----|
| 75-71-8   | Dichlorodifluoromethane   | 44 |
| 74-87-3   | Chloromethane             | 43 |
| 75-01-4   | Vinyl Chloride            | 44 |
| 74-83-9   | Bromomethane              | 47 |
| 75-00-3   | Chloroethane              | 48 |
| 75-69-4   | Trichlorofluoromethane    | 47 |
| 75-35-4   | 1,1-Dichloroethene        | 44 |
| 67-64-1   | Acetone                   | 37 |
|           | Iodomethane               | 46 |
| 75-15-0   | Carbon Disulfide          | 45 |
| 75-09-2   | Methylene Chloride        | 38 |
| 156-60-5  | trans-1,2-Dichloroethene  | 35 |
| 1634-04-4 | Methyl tert-butyl ether   | 37 |
| 75-34-3   | 1,1-Dichloroethane        | 46 |
| 108-05-4  | Vinyl acetate             | 48 |
| 78-93-3   | 2-Butanone                | 46 |
| 156-59-2  | cis-1,2-Dichloroethene    | 45 |
| 590-20-7  | 2,2-Dichloropropane       | 46 |
| 74-97-5   | Bromochloromethane        | 46 |
|           | Chloroform                | 45 |
| 71-55-6   | 1,1,1-Trichloroethane     | 45 |
| 563-58-6  | 1,1-Dichloropropene       | 45 |
| 56-23-5   | Carbon Tetrachloride      | 45 |
| 107-06-2  | 1,2-Dichloroethane        | 47 |
| 71-43-2   |                           | 46 |
|           | Trichloroethene           | 46 |
| 78-87-5   | 1,2-Dichloropropane       | 47 |
| 74-95-3   | Dibromomethane            | 47 |
|           | Bromodichloromethane      | 47 |
|           | cis-1,3-Dichloropropene   | 46 |
|           | 4-Methyl-2-pentanone      | 46 |
| 108-88-3  |                           | 46 |
|           | trans-1,3-Dichloropropene | 47 |
| 79-00-5   | 1,1,2-Trichloroethane     | 46 |

EPA SAMPLE NO.

| V5ALCS |  |
|--------|--|
|        |  |

Lab Name: MITKEM CORPORATION Contract:

SAS No.: Lab Code: MITKEM Case No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: LCS-24396

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V5G8254

Level: (low/med) LOW

Date Received: \_\_\_\_\_

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/28/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

| 142-28-91,3-Dichloropropane   | 47  |  |
|---|-----|--|
| 127-18-4Tetrachloroethene   | 45  |  |
| 591-78-62-Hexanone  | 46  |  |
| 124-48-1Dibromochloromethane  | 47  |  |
| 106-93-41,2-Dibromoethane   | 46  |  |
| 108-90-7Chlorobenzene   | 46  |  |
| 630-20-61,1,1,2-Tetrachloroethane   | 46  |  |
| 100-41-4Ethylbenzene  | 46  |  |
| m,p-Xylene  | 92  |  |
| 95-47-6o-Xylene   | 48  |  |
| 1330-20-7Xylene (Total)   | 140 |  |
| 100-42-5Styrene   | 49  |  |
| 75-25-2Bromoform  | 46  |  |
| 98-82-8Isopropylbenzene   | 47  |  |
| 79-34-51,1,2,2-Tetrachloroethane  | 47  |  |
| 108-86-1Bromobenzene  | 46  |  |
| 96-18-41,2,3-Trichloropropane   | 47  |  |
| 103-65-1n-Propylbenzene   | 46  |  |
| 95-49-82-Chlorotoluene  | 47  |  |
| 108-67-81,3,5-Trimethylbenzene  | 47  |  |
| 106-43-44-Chlorotoluene   | 47  |  |
| 98-06-6tert-Butylbenzene  | 46  |  |
| 95-63-61,2,4-Trimethylbenzene   | 47  |  |
| 135-98-8sec-Butylbenzene  | 46  |  |
| 99-87-64-Isopropyltoluene   | 47  |  |
| 541-73-11,3-Dichlorobenzene   | 45  |  |
| 106-46-71,4-Dichlorobenzene   | 46  |  |
| 104-51-8n-Butylbenzene  | 47  |  |
| 95-50-11,2-Dichlorobenzene  | 47  |  |
| 96-12-81,2-Dibromo-3-chloropropane  | 47  |  |
| 120-82-11,2,4-Trichlorobenzene  | 44  |  |
| 87-68-3Hexachlorobutadiene  | 42  |  |
| 91-20-3Naphthalene  | 40  |  |
| 87-61-61,2,3-Trichlorobenzene   | 42  |  |
| Managar Andrews Communication |     |  |
|   |     |  |

V5ALCSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832

Matrix: (soil/water) WATER Lab Sample ID: LCSD-24396

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8255

Level: (low/med) LOW Date Received: \_\_\_\_\_

% Moisture: not dec. Date Analyzed: 06/28/06

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: \_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

15:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L 0 75-71-8-----Dichlorodifluoromethane 47 74-87-3-----Chloromethane 49 75-01-4-----Vinyl Chloride 49 54 74-83-9-----Bromomethane 54 75-00-3-----Chloroethane 75-69-4-----Trichlorofluoromethane 52 75-35-4-----1,1-Dichloroethene 47 39 67-64-1-----Acetone 74-88-4-----Iodomethane 52 75-15-0-----Carbon Disulfide 49 75-09-2-----Methylene Chloride 45 156-60-5-----trans-1,2-Dichloroethene 40 1634-04-4----Methyl tert-butyl ether 44 75-34-3----1,1-Dichloroethane 53 108-05-4-----Vinyl acetate 56 78-93-3----2-Butanone 53 156-59-2----cis-1,2-Dichloroethene 52 590-20-7----2,2-Dichloropropane 48 74-97-5-----Bromochloromethane 54 67-66-3-----Chloroform 51 71-55-6----1,1,1-Trichloroethane 50 563-58-6----1,1-Dichloropropene 49 56-23-5-----Carbon Tetrachloride 50 107-06-2----1,2-Dichloroethane 56 71-43-2----Benzene 52 51 79-01-6-----Trichloroethene 78-87-5-----1,2-Dichloropropane 53 74-95-3-----Dibromomethane 55 54 75-27-4-----Bromodichloromethane 54 10061-01-5----cis-1,3-Dichloropropene 108-10-1----4-Methyl-2-pentanone 57 108-88-3----Toluene 52 10061-02-6----trans-1,3-Dichloropropene 54 79-00-5----1,1,2-Trichloroethane 55

FORM I VOA

EPA SAMPLE NO.

| ;   |        |     | . V:  | 5ALCSD |  |
|-----|--------|-----|-------|--------|--|
| . : |        | SDG | No.:  | ME0832 |  |
| Lab | Sample | ID: | LCSD- | -24396 |  |

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

Matrix: (soil/water) WATER

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: V5G8255

Level: (low/med) LOW

CAS NO.

Date Received: Date Analyzed: 06/28/06

% Moisture: not dec. \_\_\_\_\_

GC Column: DB-624 ID: 0.25 (mm)

COMPOUND

Dilution Factor: 1.0

Soil Aliquot Volume: \_\_\_\_(uL)

Soil Extract Volume:\_\_\_\_(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

Q

| 142-28-91,3-Dichloropropane       54         127-18-4Tetrachloroethene       47         591-78-62-Hexanone       53         124-48-1Dibromochloromethane       52         106-93-41,2-Dibromoethane       52         108-90-7Chlorobenzene       50         630-20-61,1,1,2-Tetrachloroethane       50         100-41-4Ethylbenzene       48                          |   |
|---|---|
| 127-18-4Tetrachloroethene       47         591-78-62-Hexanone       53         124-48-1Dibromochloromethane       52         106-93-41,2-Dibromoethane       52         108-90-7Chlorobenzene       50         630-20-61,1,1,2-Tetrachloroethane       50         100-41-4Ethylbenzene       48   |   |
| 591-78-62-Hexanone       53         124-48-1Dibromochloromethane       52         106-93-41,2-Dibromoethane       52         108-90-7Chlorobenzene       50         630-20-61,1,1,2-Tetrachloroethane       50         100-41-4Ethylbenzene       48  |   |
| 124-48-1Dibromochloromethane       52         106-93-41,2-Dibromoethane       52         108-90-7Chlorobenzene       50         630-20-61,1,1,2-Tetrachloroethane       50         100-41-4Ethylbenzene       48  |   |
| 106-93-41,2-Dibromoethane       52         108-90-7Chlorobenzene       50         630-20-61,1,1,2-Tetrachloroethane       50         100-41-4Ethylbenzene       48        m,p-Xylene       100         95-47-6Xylene       51         1330-20-7   |   |
| 108-90-7  |   |
| 630-20-61,1,1,2-Tetrachloroethane       50         100-41-4Ethylbenzene       48        m,p-Xylene       100         95-47-6  |   |
| 100-41-4Ethylbenzene       48   |   |
|   |   |
| 95-47-6   |   |
| 1330-20-7Xylene (Total)       150         100-42-5Styrene       51         75-25-2Bromoform       51         98-82-8Isopropylbenzene       48         79-34-51,1,2,2-Tetrachloroethane       55         108-86-1Bromobenzene       50         96-18-41,2,3-Trichloropropane       55         103-65-1n-Propylbenzene       49         95-49-82-Chlorotoluene       50 |   |
| 100-42-5Styrene       51         75-25-2Bromoform       51         98-82-8Isopropylbenzene       48         79-34-51,1,2,2-Tetrachloroethane       55         108-86-1Bromobenzene       50         96-18-41,2,3-Trichloropropane       55         103-65-1n-Propylbenzene       49         95-49-82-Chlorotoluene       50   | ,                                       |
| 98-82-8Isopropylbenzene       48         79-34-51,1,2,2-Tetrachloroethane       55         108-86-1Bromobenzene       50         96-18-41,2,3-Trichloropropane       55         103-65-1Propylbenzene       49         95-49-82-Chlorotoluene       50  |   |
| 79-34-51,1,2,2-Tetrachloroethane       55         108-86-1Bromobenzene       50         96-18-41,2,3-Trichloropropane       55         103-65-1   |   |
| 79-34-51,1,2,2-Tetrachloroethane       55         108-86-1Bromobenzene       50         96-18-41,2,3-Trichloropropane       55         103-65-1n-Propylbenzene       49         95-49-82-Chlorotoluene       50   |   |
| 96-18-41,2,3-Trichloropropane       55         103-65-1n-Propylbenzene       49         95-49-82-Chlorotoluene       50   |   |
| 103-65-1n-Propylbenzene 49<br>95-49-82-Chlorotoluene 50   |   |
| 95-49-82-Chlorotoluene 50   |   |
|   | *************************************** |
|   |   |
| 108-67-81,3,5-Trimethylbenzene 50   |   |
| 106-43-44-Chlorotoluene 50  |   |
| 98-06-6tert-Butylbenzene 49   |   |
| 95-63-61,2,4-Trimethylbenzene 51  |   |
| 135-98-8sec-Butylbenzene 50   |   |
| 99-87-64-Isopropyltoluene 50  |   |
| 541-73-11,3-Dichlorobenzene 50  |   |
| 106-46-71,4-Dichlorobenzene 49  |   |
| 104-51-8n-Butylbenzene 49   |   |
| 95-50-11,2-Dichlorobenzene 50   |   |
| 96-12-81,2-Dibromo-3-chloropropane 53   |   |
| 120-82-11,2,4-Trichlorobenzene 47   |   |
| 87-68-3Hexachlorobutadiene 46   |   |
| 91-20-3Naphthalene 47   |   |
| 87-61-61,2,3-Trichlorobenzene 47  |   |
|   |   |

EPA SAMPLE NO.

| Lab Name: MITKEM CORPORATION C  | V5BLCS                   |
|---------------------------------|--------------------------|
| Lab Code: MITKEM Case No.:      | SAS No.: SDG No.: ME0832 |
| Matrix: (soil/water) WATER      | Lab Sample ID: LCS-24458 |
| Sample wt/vol: 5.000 (g/mL) ML  | Lab File ID: V5G8284     |
| Level: (low/med) LOW            | Date Received:           |
| % Moisture: not dec             | Date Analyzed: 06/29/06  |
| GC Column: DB-624 ID: 0.25 (mm) | Dilution Factor: 1.0     |
| Soil Extract Volume:(uL)        | Soil Aliquot Volume:(uL) |
|                                 | CONCENTRATION UNITS:     |

COMPOUND (uq/L or uq/Kq) UG/L Q CAS NO. 75-71-8-----Dichlorodifluoromethane 50 59 74-87-3-----Chloromethane 75-01-4-----Vinyl Chloride 55 74-83-9-----Bromomethane 61 61 75-00-3-----Chloroethane 75-69-4-----Trichlorofluoromethane 60 75-35-4----1,1-Dichloroethene 60 67-64-1-----Acetone 42 74-88-4-----Iodomethane 61 75-15-0-----Carbon Disulfide 63 75-09-2----Methylene Chloride 71 60 156-60-5-----trans-1,2-Dichloroethene 1634-04-4-----Methyl tert-butyl ether 58 57 75-34-3----1,1-Dichloroethane 57 108-05-4-----Vinyl acetate 78-93-3----2-Butanone 55 55 156-59-2----cis-1,2-Dichloroethene 56 590-20-7----2, 2-Dichloropropane 58 74-97-5----Bromochloromethane 54 67-66-3-----Chloroform 57 71-55-6----1,1,1-Trichloroethane 563-58-6-----1,1-Dichloropropene 55 57 56-23-5-----Carbon Tetrachloride 107-06-2----1, 2-Dichloroethane 59 71-43-2-----Benzene 57 79-01-6-----Trichloroethene 54 59 78-87-5----1,2-Dichloropropane 74-95-3-----Dibromomethane 60 59 75-27-4-----Bromodichloromethane 10061-01-5----cis-1,3-Dichloropropene 57 108-10-1----4-Methyl-2-pentanone 56 108-88-3-----Toluene 58 10061-02-6----trans-1,3-Dichloropropene 56 79-00-5----1,1,2-Trichloroethane 58

EPA SAMPLE NO.

|     | V5BLCS |
|-----|--------|
| - 1 |        |

Contract: Lab Name: MITKEM CORPORATION Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0832 Lab Sample ID: LCS-24458 Matrix: (soil/water) WATER 5.000 (g/mL) ML Lab File ID: V5G8284 Sample wt/vol: Date Received: \_\_\_\_\_ (low/med) LOW Level: Date Analyzed: 06/29/06 % Moisture: not dec. GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:\_\_\_\_(uL) Soil Aliquot Volume: \_\_\_\_(uL)

CONCENTRATION UNITS:

0 (ug/L or ug/Kg) UG/L CAS NO. COMPOUND 56 142-28-9----1,3-Dichloropropane 53 127-18-4-----Tetrachloroethene 51 591-78-6----2-Hexanone 55 124-48-1-----Dibromochloromethane 53 106-93-4----1,2-Dibromoethane 55 108-90-7-----Chlorobenzene 630-20-6-----1,1,1,2-Tetrachloroethane 54 55 100-41-4-----Ethylbenzene 110 ----m, p-Xylene 56 95-47-6----o-Xylene 170 1330-20-7-----Xylene (Total) 56 100-42-5-----Styrene 52 75-25-2-----Bromoform 55 98-82-8-----Isopropylbenzene 79-34-5-----1,1,2,2-Tetrachloroethane 54 51 108-86-1-----Bromobenzene 56 96-18-4-----1,2,3-Trichloropropane 52 103-65-1----n-Propylbenzene\_ 53 95-49-8----2-Chlorotoluene 108-67-8-----1,3,5-Trimethylbenzene\_ 53 106-43-4----4-Chlorotoluene 53 98-06-6----tert-Butylbenzene 57 95-63-6-----1,2,4-Trimethylbenzene 54 53 135-98-8----sec-Butylbenzene 54 99-87-6----4-Isopropyltoluene 52 541-73-1----1,3-Dichlorobenzene 53 106-46-7----1,4-Dichlorobenzene 52 104-51-8----n-Butylbenzene 54 95-50-1----1, 2-Dichlorobenzene 96-12-8----1, 2-Dibromo-3-chloropropane 53 48 120-82-1----1, 2, 4-Trichlorobenzene 48 87-68-3-----Hexachlorobutadiene 45 91-20-3-----Naphthalene 87-61-6----1,2,3-Trichlorobenzene\_ 47

EPA SAMPLE NO.

| 7 | /5BLCSD |
|---|---------|
| 7 | /5BLCSD |

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: LCSD-24458

Sample wt/vol: 5.000 (g/mL) ML Lab File ID:

V5G8285

LOW

Level: (low/med)

Date Received:

Date Analyzed: 06/29/06

% Moisture: not dec.

Soil Extract Volume:\_\_\_\_(uL)

Dilution Factor: 1.0

GC Column: DB-624 ID: 0.25 (mm)

CAS NO.

COMPOUND

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

Q

75-71-8------Dichlorodifluoromethane 44 74-87-3-----Chloromethane 47 75-01-4-----Vinyl Chloride 48 74-83-9-----Bromomethane 55 75-00-3-----Chloroethane 54 75-69-4-----Trichlorofluoromethane 51 75-35-4----1,1-Dichloroethene 48 67-64-1-----Acetone 39 74-88-4-----Iodomethane 50 75-15-0-----Carbon Disulfide 49 75-09-2----Methylene Chloride 43 156-60-5-----trans-1,2-Dichloroethene 52 1634-04-4-----Methyl tert-butyl ether 52 75-34-3----1,1-Dichloroethane 50 108-05-4-----Vinyl acetate 50 78-93-3----2-Butanone 50 156-59-2----cis-1,2-Dichloroethene 48 590-20-7----2,2-Dichloropropane 49 74-97-5-----Bromochloromethane 50 67-66-3-----Chloroform 47 71-55-6----1,1,1-Trichloroethane 50 563-58-6----1,1-Dichloropropene 47 56-23-5-----Carbon Tetrachloride 49 107-06-2----1, 2-Dichloroethane 52 71-43-2----Benzene 49 79-01-6-----Trichloroethene 48 78-87-5----1,2-Dichloropropane 51 74-95-3-----Dibromomethane 50 75-27-4-----Bromodichloromethane 49 10061-01-5----cis-1,3-Dichloropropene\_ 49 108-10-1----4-Methyl-2-pentanone 50 108-88-3-----Toluene 50 10061-02-6----trans-1,3-Dichloropropene 50 79-00-5----1,1,2-Trichloroethane 49

EPA SAMPLE NO.

V5BLCSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.: SAS No.:

SDG No.: ME0832

Matrix: (soil/water) WATER

Lab Sample ID: LCSD-24458

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5G8285

Level: (low/med) LOW

Date Received:

% Moisture: not dec. \_\_\_\_\_

Date Analyzed: 06/29/06

GC Column: DB-624 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Aliquot Volume: \_\_\_\_(uL)

Soil Extract Volume:\_\_\_\_(uL)

CONCENTRATION UNITS:

| 142-28-91,3-Dichloropropane       5         127-18-4Tetrachloroethene       4         591-78-62-Hexanone       4         124-48-1Dibromochloromethane       4         106-93-41,2-Dibromoethane       4         108-90-7   | Q        |
|--|----------|
| 127-18-62-Hexanone   |          |
| 124-48-1   |          |
| 106-93-41,2-Dibromoethane 108-90-7Chlorobenzene 630-20-61,1,1,2-Tetrachloroethane 100-41-4Ethylbenzene   |          |
| 108-90-7   | 1        |
| 630-20-61,1,1,2-Tetrachloroethane 100-41-4Ethylbenzenem,p-Xylene 95-47-6   |          |
| 100-41-4Ethylbenzene   |          |
| 100-41-4Ethylbenzene   |          |
| 95-47-6m, p-Xylene       4         1330-20-7Xylene       15         100-42-5Styrene       4         75-25-2  | 3        |
| 95-47-6  |          |
| 1330-20-7  |          |
| 100-42-5Styrene       4         75-25-2Bromoform       4         98-82-8Isopropylbenzene       4         79-34-51,1,2,2-Tetrachloroethane       5         108-86-1Bromobenzene       4         96-18-41,2,3-Trichloropropane       5         103-65-1  |          |
| 75-25-2Bromoform 98-82-8Isopropylbenzene 79-34-51,1,2,2-Tetrachloroethane 108-86-1Bromobenzene 96-18-41,2,3-Trichloropropane 103-65-1n-Propylbenzene 95-49-82-Chlorotoluene 108-67-81,3,5-Trimethylbenzene 106-43-44-Chlorotoluene 98-06-6tert-Butylbenzene 95-63-61,2,4-Trimethylbenzene 135-98-8sec-Butylbenzene 99-87-64-Isopropyltoluene 541-73-11,3-Dichlorobenzene 106-46-71,4-Dichlorobenzene 104-51-8n-Butylbenzene  | <b>∂</b> |
| 98-82-8  | 7        |
| 79-34-51,1,2,2-Tetrachloroethane       5         108-86-1Bromobenzene       4         96-18-41,2,3-Trichloropropane       5         103-65-1n-Propylbenzene       4         95-49-82-Chlorotoluene       4         108-67-81,3,5-Trimethylbenzene       4         106-43-44-Chlorotoluene       4         98-06-6tert-Butylbenzene       4         95-63-61,2,4-Trimethylbenzene       4         135-98-8sec-Butylbenzene       4         99-87-64-Isopropyltoluene       4         541-73-11,3-Dichlorobenzene       4         106-46-71,4-Dichlorobenzene       4         104-51-8n-Butylbenzene       4 | 3        |
| 108-86-1Bromobenzene       4         96-18-41,2,3-Trichloropropane       5         103-65-1n-Propylbenzene       4         95-49-82-Chlorotoluene       4         108-67-81,3,5-Trimethylbenzene       4         106-43-44-Chlorotoluene       4         98-06-6tert-Butylbenzene       4         95-63-61,2,4-Trimethylbenzene       4         135-98-8sec-Butylbenzene       4         99-87-64-Isopropyltoluene       4         541-73-11,3-Dichlorobenzene       4         106-46-71,4-Dichlorobenzene       4         104-51-8n-Butylbenzene       4  | י וכ     |
| 96-18-41,2,3-Trichloropropane       5         103-65-1n-Propylbenzene       4         95-49-82-Chlorotoluene       4         108-67-81,3,5-Trimethylbenzene       4         106-43-44-Chlorotoluene       4         98-06-6tert-Butylbenzene       4         95-63-61,2,4-Trimethylbenzene       4         135-98-8sec-Butylbenzene       4         99-87-64-Isopropyltoluene       4         541-73-11,3-Dichlorobenzene       4         106-46-71,4-Dichlorobenzene       4         104-51-8n-Butylbenzene       4   | 7        |
| 103-65-1n-Propylbenzene       4         95-49-82-Chlorotoluene       4         108-67-81,3,5-Trimethylbenzene       4         106-43-44-Chlorotoluene       4         98-06-6tert-Butylbenzene       4         95-63-61,2,4-Trimethylbenzene       4         135-98-8sec-Butylbenzene       4         99-87-64-Isopropyltoluene       4         541-73-11,3-Dichlorobenzene       4         106-46-71,4-Dichlorobenzene       4         104-51-8n-Butylbenzene       4   | י וכ     |
| 95-49-82-Chlorotoluene       4         108-67-81,3,5-Trimethylbenzene       4         106-43-44-Chlorotoluene       4         98-06-6tert-Butylbenzene       4         95-63-61,2,4-Trimethylbenzene       4         135-98-8sec-Butylbenzene       4         99-87-64-Isopropyltoluene       4         541-73-11,3-Dichlorobenzene       4         106-46-71,4-Dichlorobenzene       4         104-51-8n-Butylbenzene       4   | 7        |
| 108-67-81,3,5-Trimethylbenzene       4         106-43-44-Chlorotoluene       4         98-06-6tert-Butylbenzene       4         95-63-61,2,4-Trimethylbenzene       4         135-98-8sec-Butylbenzene       4         99-87-64-Isopropyltoluene       4         541-73-11,3-Dichlorobenzene       4         106-46-71,4-Dichlorobenzene       4         104-51-8n-Butylbenzene       4  | 7        |
| 106-43-44-Chlorotoluene       4         98-06-6tert-Butylbenzene       4         95-63-61,2,4-Trimethylbenzene       4         135-98-8sec-Butylbenzene       4         99-87-64-Isopropyltoluene       4         541-73-11,3-Dichlorobenzene       4         106-46-71,4-Dichlorobenzene       4         104-51-8n-Butylbenzene       4   | 9        |
| 98-06-6tert-Butylbenzene       4         95-63-61,2,4-Trimethylbenzene       4         135-98-8sec-Butylbenzene       4         99-87-64-Isopropyltoluene       4         541-73-11,3-Dichlorobenzene       4         106-46-71,4-Dichlorobenzene       4         104-51-8n-Butylbenzene       4   | 9        |
| 95-63-61,2,4-Trimethylbenzene       4         135-98-8sec-Butylbenzene       4         99-87-64-Isopropyltoluene       4         541-73-11,3-Dichlorobenzene       4         106-46-71,4-Dichlorobenzene       4         104-51-8n-Butylbenzene       4  | 7        |
| 135-98-8sec-Butylbenzene       4         99-87-64-Isopropyltoluene       4         541-73-11,3-Dichlorobenzene       4         106-46-71,4-Dichlorobenzene       4         104-51-8n-Butylbenzene       4  | 9        |
| 99-87-64-Isopropyltoluene       4         541-73-11,3-Dichlorobenzene       4         106-46-71,4-Dichlorobenzene       4         104-51-8n-Butylbenzene       4   | 3        |
| 541-73-11,3-Dichlorobenzene       4         106-46-71,4-Dichlorobenzene       4         104-51-8n-Butylbenzene       4   | 3        |
| 106-46-71,4-Dichlorobenzene 4<br>104-51-8n-Butylbenzene 4  | 7        |
| 104-51-8n-Butylbenzene4  | 3        |
|  | 3        |
|  | 3        |
| 96-12-81,2-Dibromo-3-chloropropane   | 0        |
| 120-82-11,2,4-Trichlorobenzene 4   |          |
| 87-68-3  |          |
| 91-20-3Naphthalene 4   | 5        |
| 87-61-61,2,3-Trichlorobenzene  |          |
| 1,2,3 11101101010110110  |          |

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

DUP

Lab Name: Mitkem Corporation

Contract: <u>152077</u>

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME0832

Matrix (soil/water): WATER

Lab Sample ID: E0832-08

Level (low/med):

MED

Date Received: 06/19/06

% Solids:

0.0

| CAS No.   | Analyte   | Concentration | С | Q | М  |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum  | 278           |   |   | P  |
| 7440-36-0 | Antimony  | 1.7           | В |   | P  |
| 7440-38-2 | Arsenic   | 4.0           | В |   | P  |
| 7440-39-3 | Barium    | 53.5          | В |   | P  |
| 7440-41-7 | Beryllium | 0.15          | Ū |   | P  |
| 7440-43-9 | Cadmium   | 1.6           | В |   | P  |
| 7440-70-2 | Calcium   | 13500         |   |   | P  |
| 7440-47-3 | Chromium  | 910           |   |   | P  |
| 7440-48-4 | Cobalt    | 18.5          | В |   | P  |
| 7440-50-8 | Copper    | 45.6          |   |   | P  |
| 7439-89-6 | Iron      | 2410          |   | * | P  |
| 7439-92-1 | Lead      | 3.0           | В |   | Р  |
| 7439-95-4 | Magnesium | 2460          |   |   | P  |
| 7439-96-5 | Manganese | 592           |   |   | P  |
| 7440-02-0 | Nickel    | 992           |   |   | P  |
| 7440-09-7 | Potassium | 2420          |   |   | P  |
| 7782-49-2 | Selenium  | 0.98          | U |   | P  |
| 7440-22-4 | Silver    | 0.91          | U |   | P  |
| 7440-23-5 | Sodium    | 49600         |   |   | Р  |
| 7440-28-0 | Thallium  | 2.9           | В |   | Р  |
| 7440-62-2 | Vanadium  | 1.7           | В |   | P  |
| 7440-66-6 | Zinc      | 25.0          | В |   | Р  |
| 7439-97-6 | Mercury   | 0.065         | U |   | CV |
|           |           |               |   |   |    |

| Comm | ents: |
|------|-------|
|      |       |
|      |       |
|      |       |
|      |       |

1 INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-12

Lab Name: Mitkem Corporation

Contract: <u>152077</u>

SDG No.: ME0832

Lab Code: MITKEM Case No.

SAS No.:

Lab Sample ID: E0832-01

Matrix (soil/water): WATER

Level (low/med): MED

Date Received: 06/19/06

% Solids: <u>0.0</u>

| CAS No.   | Analyte   | Concentration | С | Q  | М  |
|-----------|-----------|---------------|---|--|----|
| 7429-90-5 | Aluminum  | 369           |   |  | P  |
| 7440-36-0 | Antimony  | 1.8           | В |  | P  |
| 7440-38-2 | Arsenic   | 8.2           | В | - Carrier Carr | P  |
| 7440-39-3 | Barium    | 67.6          | В |  | P  |
| 7440-41-7 | Beryllium | 0.15          | U |  | P  |
| 7440-43-9 | Cadmium   | 2.8           | В |  | P  |
| 7440-70-2 | Calcium   | 17000         |   |  | P  |
| 7440-47-3 | Chromium  | 1130          |   |  | P  |
| 7440-48-4 | Cobalt    | 24.3          | В |  | P  |
| 7440-50-8 | Copper    | 67.9          |   |  | P  |
| 7439-89-6 | Iron      | 2810          |   | *  | P  |
| 7439-92-1 | Lead      | 4.9           | В |  | P  |
| 7439-95-4 | Magnesium | 3050          |   |  | P  |
| 7439-96-5 | Manganese | 746           |   |  | P  |
| 7440-02-0 | Nickel    | 1290          |   |  | P  |
| 7440-09-7 | Potassium | 2980          |   |  | P  |
| 7782-49-2 | Selenium  | 3.1           | В |  | P  |
| 7440-22-4 | Silver    | 0.91          | U |  | P  |
| 7440-23-5 | Sodium    | 62500         |   |  | P  |
| 7440-28-0 | Thallium  | 5.0           | В |  | P  |
| 7440-62-2 | Vanadium  | 2.1           | В |  | P  |
| 7440-66-6 | Zinc      | 35.2          | В |  | P  |
| 7439-97-6 | Mercury   | 0.065         | U |  | CV |
|           |           |               |   |  |    |
|           |           |               |   |  |    |

| Comme | ents: |
|-------|-------|
| -     |       |
|       |       |
| -     |       |
|       |       |

1 INORGANIC ANALYSIS DATA SHEET EPA SAMPLE NO

SMW-13

Lab Name: Mitkem Corporation

Contract: <u>152077</u>

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME0832

Matrix (soil/water): WATER

Lab Sample ID: E0832-02

Level (low/med):

MED

Date Received: 06/19/06

% Solids:

0.0

| CAS No.   | Analyte   | Concentration | С | Q | М  |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum  | 38.5          | В |   | P  |
| 7440-36-0 | Antimony  | 6.3           | В |   | P  |
| 7440-38-2 | Arsenic   | 1.7           | В |   | P  |
| 7440-39-3 | Barium    | 55.5          | В |   | P  |
| 7440-41-7 | Beryllium | 0.15          | U |   | P  |
| 7440-43-9 | Cadmium   | 3.8           | В |   | P  |
| 7440-70-2 | Calcium   | 18200         |   |   | P  |
| 7440-47-3 | Chromium  | 12.2          | В |   | P  |
| 7440-48-4 | Cobalt    | 1.3           | В |   | P  |
| 7440-50-8 | Copper    | 8.3           | В |   | P  |
| 7439-89-6 | Iron      | 153           | В | * | P  |
| 7439-92-1 | Lead      | 2.1           | В |   | P  |
| 7439-95-4 | Magnesium | 8570          |   |   | P  |
| 7439-96-5 | Manganese | 108           |   |   | P  |
| 7440-02-0 | Nickel    | 12.0          | В |   | P  |
| 7440-09-7 | Potassium | 1310          |   | - | P  |
| 7782-49-2 | Selenium  | 0.98          | U |   | P  |
| 7440-22-4 | Silver    | 0.91          | U |   | P  |
| 7440-23-5 | Sodium    | 35700         |   |   | P  |
| 7440-28-0 | Thallium  | 1.7           | В |   | P  |
| 7440-62-2 | Vanadium  | 0.60          | В |   | P  |
| 7440-66-6 | Zinc      | 28.9          | В |   | P  |
| 7439-97-6 | Mercury   | 0.065         | U |   | CV |
|           |           |               |   |   |    |

| Comments: |
|-----------|
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-14

Lab Name: Mitkem Corporation

Contract: <u>152077</u>

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME0832

Matrix (soil/water): WATER

Lab Sample ID: E0832-03

Level (low/med):

MED

Date Received: 06/19/06

% Solids:

0.0

| CAS No.   | Analyte   | Concentration | С | Q | М  |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum  | 139           | В |   | P  |
| 7440-36-0 | Antimony  | 2.7           | В |   | P  |
| 7440-38-2 | Arsenic   | 1.6           | Ū |   | P  |
| 7440-39-3 | Barium    | 48.6          | В |   | P  |
| 7440-41-7 | Beryllium | 0.15          | Ū |   | P  |
| 7440-43-9 | Cadmium   | 1.3           | В |   | P  |
| 7440-70-2 | Calcium   | 7550          |   |   | P  |
| 7440-47-3 | Chromium  | 49.9          |   |   | P  |
| 7440-48-4 | Cobalt    | 1.3           | В |   | P  |
| 7440-50-8 | Copper    | 6.3           | U |   | P  |
| 7439-89-6 | Iron      | 449           |   | * | P  |
| 7439-92-1 | Lead      | 1.7           | В |   | P  |
| 7439-95-4 | Magnesium | 3540          |   |   | P  |
| 7439-96-5 | Manganese | 25.6          | В |   | P  |
| 7440-02-0 | Nickel    | 24.3          | В |   | P  |
| 7440-09-7 | Potassium | 1550          |   |   | P  |
| 7782-49-2 | Selenium  | 1.4           | В |   | P  |
| 7440-22-4 | Silver    | 0.91          | U |   | Р  |
| 7440-23-5 | Sodium    | 60500         |   |   | Р  |
| 7440-28-0 | Thallium  | 1.3           | В |   | Р  |
| 7440-62-2 | Vanadium  | 0.47          | U |   | P  |
| 7440-66-6 | Zinc      | 22.2          | В |   | P  |
| 7439-97-6 | Mercury   | 0.065         | U |   | CV |
|           | <u> </u>  |               |   |   |    |

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-16

Lab Name: Mitkem Corporation

Contract: <u>152077</u>

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME0832

Matrix (soil/water): WATER

Lab Sample ID: E0832-04

Level (low/med): MED

Date Received: 06/19/06

% Solids:

0.0

| CAS No.   | Analyte   | Concentration | С | Q | М  |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum  | 534           |   |   | Р  |
| 7440-36-0 | Antimony  | 1.2           | U |   | P  |
| 7440-38-2 | Arsenic   | 7.0           | В |   | P  |
| 7440-39-3 | Barium    | 13.6          | В |   | P  |
| 7440-41-7 | Beryllium | 0.15          |   |   | P  |
| 7440-43-9 | Cadmium   | 0.71          | В |   | P  |
| 7440-70-2 | Calcium   | 9750          |   |   | P  |
| 7440-47-3 | Chromium  | 1660          |   |   | P  |
| 7440-48-4 | Cobalt    | 4.0           | В |   | P  |
| 7440-50-8 | Copper    | 8.6           | В |   | P  |
| 7439-89-6 | Iron      | 7270          |   | * | P  |
| 7439-92-1 | Lead      | 2.8           | В |   | P  |
| 7439-95-4 | Magnesium | 4790          |   |   | P  |
| 7439-96-5 | Manganese | 51.8          |   |   | P  |
| 7440-02-0 | Nickel    | 125           |   |   | P  |
| 7440-09-7 | Potassium | 1040          |   |   | P  |
| 7782-49-2 | Selenium  | 2.2           | В |   | P  |
| 7440-22-4 | Silver    | 0.91          | U |   | P  |
| 7440-23-5 | Sodium    | 24500         |   |   | P  |
| 7440-28-0 | Thallium  | 1.2           | U |   | P  |
| 7440-62-2 | Vanadium  | 6.4           | В |   | P  |
| 7440-66-6 | Zinc      | 25.9          | В |   | P  |
| 7439-97-6 | Mercury   | 0.065         | U |   | CV |
|           |           |               |   |   |    |

| Comments: |
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-4

Lab Name: Mitkem Corporation

Contract: <u>152077</u>

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME0832

Matrix (soil/water): WATER

Lab Sample ID: E0832-10

Level (low/med): MED

Date Received: 06/19/06

% Solids:

0.0

| CAS No.   | Analyte   | Concentration | С | Q | М  |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum  | 82.5          | В |   | P  |
| 7440-36-0 | Antimony  | 1.2           | U |   | P  |
| 7440-38-2 | Arsenic   | 2.2           |   |   | P  |
| 7440-39-3 | Barium    | 16.7          | В |   | P  |
| 7440-41-7 | Beryllium | 0.15          | U |   | P  |
| 7440-43-9 | Cadmium   | 0.73          | В |   | P  |
| 7440-70-2 | Calcium   | 13600         |   |   | P  |
| 7440-47-3 | Chromium  | 534           |   |   | P  |
| 7440-48-4 | Cobalt    | 1.6           |   |   | P  |
| 7440-50-8 | Copper    | 33.6          |   |   | P  |
| 7439-89-6 | Iron      | 1710          |   | * | P  |
| 7439-92-1 | Lead      | 1.6           | В |   | P  |
| 7439-95-4 | Magnesium | 3310          |   |   | P  |
| 7439-96-5 | Manganese | 181           |   |   | P  |
| 7440-02-0 | Nickel    | 240           |   |   | P  |
| 7440-09-7 | Potassium | 2710          |   |   | P  |
| 7782-49-2 | Selenium  | 0.98          | U |   | P  |
| 7440-22-4 | Silver    | 0.91          |   |   | P  |
| 7440-23-5 | Sodium    | 13400         |   |   | P  |
| 7440-28-0 | Thallium  | 1.2           | U |   | P  |
| 7440-62-2 | Vanadium  | 1.4           | В |   | P  |
| 7440-66-6 | Zinc      | 17.7          | В |   | P  |
| 7439-97-6 | Mercury   | 0.065         | U |   | CV |
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-5

Lab Name: Mitkem Corporation

Contract: <u>152077</u>

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME0832

Matrix (soil/water): WATER

Lab Sample ID: E0832-05

Level (low/med):

MED

Date Received: .06/19/06

% Solids:

0.0

| CAS No.   | Analyte   | Concentration | С | Q | М  |
|-----------|-----------|---------------|---|---|----|
| 7429-90-5 | Aluminum  | 391           |   |   | P  |
| 7440-36-0 | Antimony  | 1.2           | U |   | P  |
| 7440-38-2 | Arsenic   | 1.7           | В |   | P  |
| 7440-39-3 | Barium    | 17.9          | В |   | P  |
| 7440-41-7 | Beryllium | 0.15          | U |   | P  |
| 7440-43-9 | Cadmium   | 2.4           | В |   | P  |
| 7440-70-2 | Calcium   | 20700         |   |   | P  |
| 7440-47-3 | Chromium  | 80.5          |   |   | P  |
| 7440-48-4 | Cobalt    | 1.3           | В |   | P  |
| 7440-50-8 | Copper    | 6.8           | В |   | P  |
| 7439-89-6 | Iron      | 934           |   | * | P  |
| 7439-92-1 | Lead      | 3.6           | В |   | P  |
| 7439-95-4 | Magnesium | 3420          |   |   | P  |
| 7439-96-5 | Manganese | 209           |   |   | Р  |
| 7440-02-0 | Nickel    | 39.1          | В |   | P  |
| 7440-09-7 | Potassium | 2490          |   |   | P  |
| 7782-49-2 | Selenium  | 0.98          | U |   | Р  |
| 7440-22-4 | Silver    | 0.91          | U |   | P  |
| 7440-23-5 | Sodium    | 13400         |   |   | P  |
| 7440-28-0 | Thallium  | 1.4           | В |   | P  |
| 7440-62-2 | Vanadium  | 0.89          | В |   | P  |
| 7440-66-6 | Zinc      | 29.2          | В |   | P  |
| 7439-97-6 | Mercury   | 0.065         | U |   | CV |
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SMW-6A

Lab Name: Mitkem Corporation

Contract: <u>152077</u>

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME0832

Lab Sample ID: E0832-06

Level (low/med): MED

Matrix (soil/water): WATER

Date Received: 06/19/06

% Solids:

0.0

| CAS No.   | Analyte   | Concentration | С | Q | М        |
|-----------|-----------|---------------|---|---|----------|
| 7429-90-5 | Aluminum  | 527           |   |   | P        |
| 7440-36-0 | Antimony  | 1.2           | U |   | P        |
| 7440-38-2 | Arsenic   | 3.5           | В |   | P        |
| 7440-39-3 | Barium    | 72.2          | В |   | P        |
| 7440-41-7 | Beryllium | 0.15          | U |   | P        |
| 7440-43-9 | Cadmium   | 1.5           | В |   | P        |
| 7440-70-2 | Calcium   | 33800         |   |   | P        |
| 7440-47-3 | Chromium  | 607           |   |   | P        |
| 7440-48-4 | Cobalt    | 11.3          | В |   | P        |
| 7440-50-8 | Copper    | 16.0          | В |   | P        |
| 7439-89-6 | Iron      | 3780          |   | * | P        |
| 7439-92-1 | Lead      | 4.1           | В |   | P        |
| 7439-95-4 | Magnesium | 5070          |   |   | P        |
| 7439-96-5 | Manganese | 7140          |   |   | P        |
| 7440-02-0 | Nickel    | 160           |   |   | P        |
| 7440-09-7 | Potassium | 2390          |   |   | P        |
| 7782-49-2 | Selenium  | 1.7           | В |   | P        |
| 7440-22-4 | Silver    | 0.91          | U |   | P        |
| 7440-23-5 | Sodium    | 59600         |   |   | P        |
| 7440-28-0 | Thallium  | 32.3          |   |   | P        |
| 7440-62-2 | Vanadium  | 2.6           | · |   | P        |
| 7440-66-6 | Zinc      | 45.6          |   |   | P        |
| 7439-97-6 | Mercury   | 0.065         | U |   | CV       |
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

Lab Name: Mitkem Corporation

Contract: <u>152077</u>

SMW-6B

Lab Code: MITKEM Case No.

SAS No.:

SDG No.: ME0832

Matrix (soil/water): WATER

Lab Sample ID: E0832-07

Level (low/med): MED

Date Received: 06/19/06

% Solids:

0.0

| CAS No.   | Analyte   | Concentration | С       | Q | М  |
|-----------|-----------|---------------|---------|---|----|
| 7429-90-5 | Aluminum  | 2000          |         |   | Р  |
| 7440-36-0 | Antimony  | 2.7           | В       |   | P  |
| 7440-38-2 | Arsenic   | 1.6           | U       |   | Р  |
| 7440-39-3 | Barium    | 19.3          | В       |   | P  |
| 7440-41-7 | Beryllium | 0.15          | U       |   | P  |
| 7440-43-9 | Cadmium   | 0.75          | В       |   | P  |
| 7440-70-2 | Calcium   | 19600         |         |   | P  |
| 7440-47-3 | Chromium  | 62.2          |         |   | P  |
| 7440-48-4 | Cobalt    | 2.2           | В       |   | P  |
| 7440-50-8 | Copper    | 17.5          | В       |   | P  |
| 7439-89-6 | Iron      | 1950          |         | * | P  |
| 7439-92-1 | Lead      | 2.8           |         |   | P  |
| 7439-95-4 | Magnesium | 3430          |         |   | P  |
| 7439-96-5 | Manganese | 81.6          |         |   | P  |
| 7440-02-0 | Nickel    | 46.1          | В       |   | P  |
| 7440-09-7 | Potassium | 2210          |         |   | P  |
| 7782-49-2 | Selenium  | 0.98          | <b></b> |   | P  |
| 7440-22-4 | Silver    | 0.91          |         |   | P  |
| 7440-23-5 | Sodium    | 17800         |         |   | P  |
| 7440-28-0 | Thallium  | 1.2           | U       |   | P  |
| 7440-62-2 | Vanadium  | 1.1           | В       |   | P  |
| 7440-66-6 | Zinc      | 53.6          | ļ       |   | P  |
| 7439-97-6 | Mercury   | 0.065         | U       |   | CV |
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