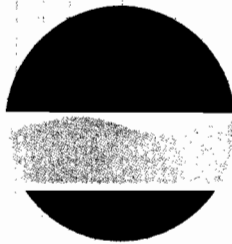


EXPANDED SITE INVESTIGATION REPORT



BLUE POINT LAUNDRY TARGETED SITE ASSESSMENT

Blue Point, New York

WORK ASSIGNMENT NO. D003600-35

Prepared For

**New York State Department
of Environmental Conservation**

SEPTEMBER 2004

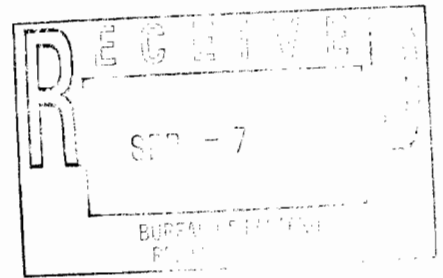


DVIRKA AND BARTILUCCI
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

EXPANDED SITE INVESTIGATION REPORT

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PREPARED FOR

**NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION**

BY

**DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
WOODBURY, NEW YORK**

SEPTEMBER 2004

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BLUE POINT LAUNDRY TARGETED SITE ASSESSMENT
BLUE POINT, NEW YORK**

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Section 1

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1.0 INTRODUCTION

On July 1, 2003, Work Assignment No. D003600-35 was issued to Dvirka and Bartilucci Consulting Engineers (D&B) by the New York State Department of Environmental Conservation (NYSDEC) to conduct an Expanded Site Investigation at the Blue Point Laundry Brownfield site in Blue Point, Suffolk County, New York. This investigation was conducted for the NYSDEC using a grant from the United States Environmental Protection Agency (USEPA) Targeted Site Assessment Program.

The remainder of this document is comprised of five sections. Section 2.0 provides a site description and summary of background information for the site. Section 3.0 describes the scope of work that was implemented during the Expanded Site Investigation. Section 4.0 presents the nature and extent of contamination at the site, including identification of the standards, criteria and guidelines to which the analytical results were compared. Section 5.0 presents the qualitative human health exposure assessment for the site. Section 6.0 presents the conclusions and recommendations regarding the nature of identified contamination and the need for remediation.

Section 2



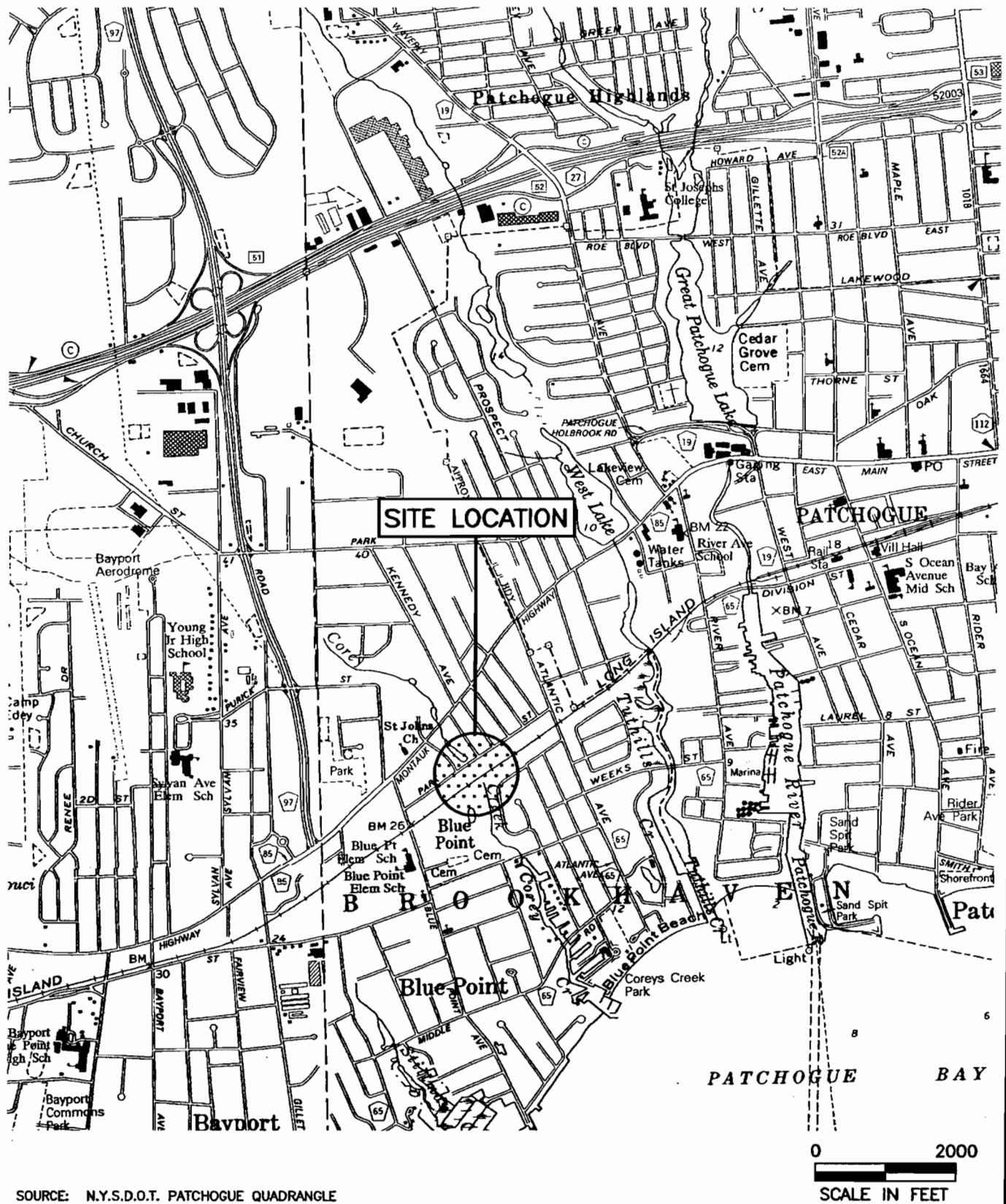
2.0 SUMMARY OF BACKGROUND INFORMATION

2.1 Site Description

The former Blue Point Laundry Site is located at 1 Park Street in Blue Point, Suffolk County, New York (see Figure 2-1). The property is located on the south side of Park Street and is bounded on the south by Long Island Railroad (LIRR) tracks, on the west by a residential property and on the east by a freshwater wetland area. According to correspondence from the NYSDEC, the wetlands boundary was determined (by NYSDEC) to be the north-south fence along the eastern edge of the former Blue Point Laundry property. A site inspection conducted by D&B and SCDHS personnel on July 30, 2003, confirmed that no wetland habitats are present on the site. Purgatory/Corey Creek flows from north to south across the eastern end of the site through a 24-inch diameter pipe.

The property is approximately 2.1 acres in size and consists of four tax parcels (District 0200, Section 982.30, Block 3, Lots 45, 46, 47 and 54). The tax map is shown on Figure 2-2. The western portion of the property is fairly flat. The eastern portion of the property is terraced and slopes downward from west to east. The site is currently fenced on all sides except along the LIRR tracks.

Two buildings were formerly located at the property (see Figure 2-3 for site layout). The eastern building was approximately 35,500 square feet in size, constructed of concrete block and contained the laundry operation. A boiler room reportedly with PCB-containing transformers and electrical switching equipment was located inside the southeastern portion of this building. Transformers were also reported to be present near the southeastern corner of the property outside of the building (see Figure 2-3). It is unknown whether these transformers were pole-mounted or were located on the ground. The western building was approximately 6,800 square feet in size and constructed of metal. This building was used as a garage with a machine shop in the southeastern corner. The eastern portion of the property and the area between the buildings were utilized for parking.



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BLUE POINT LAUNDRY EXPANDED SITE INVESTIGATION

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SITE LOCATION MAP

FIGURE 2-1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BLUE POINT LAUNDRY EXPANDED SITE INVESTIGATION

TAX MAP

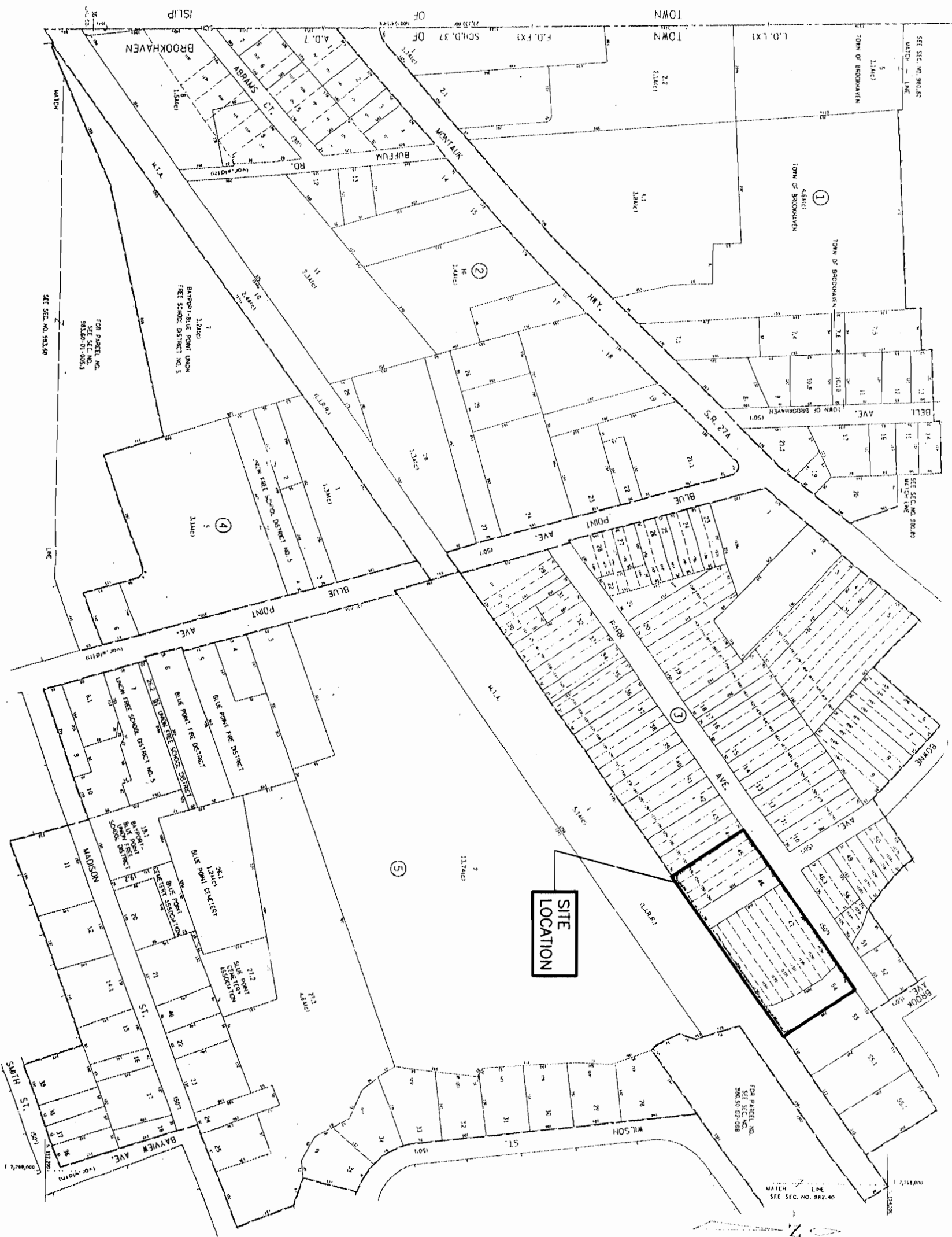
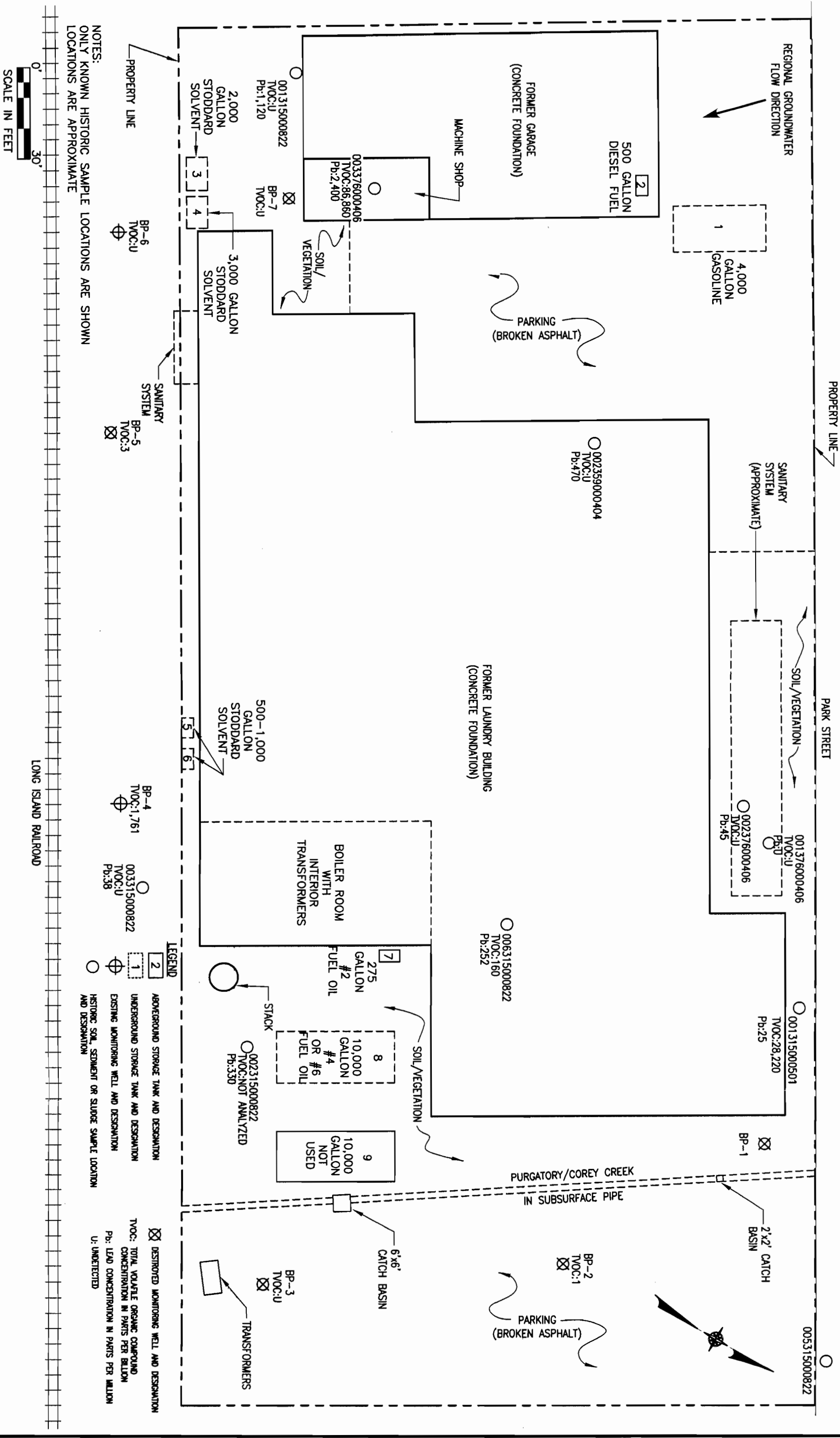


FIGURE 2-2



The depth to groundwater across the site ranges from approximately 3 feet below ground surface in the eastern portion of the property to approximately 20 feet below ground surface in the western portion of the property. The regional groundwater flow direction is to the southeast toward Patchogue Bay.

2.2 Site Use History

Blue Point Laundry began operations in 1921, although it is not known whether activities at the Park Street property began at that time or at a later date. Based on review of aerial photographs, the former laundry building at the Park Street property was constructed prior to 1947 and was expanded several times. The building was demolished in January 2001. The garage building was constructed between 1947 and 1962. Based on review of aerial photographs, this building was demolished between 1994 and 2000. The foundations for both buildings are still in place.

A total of nine storage tanks have been identified as historically in use at the site. Three of these were aboveground storage tanks (ASTs) and six were underground storage tanks (USTs). The approximate locations of the tanks are shown on Figure 2-3. The capacities and reported contents of the tanks are summarized in Table 2-1 and shown on Figure 2-3. According to SCDHS records, all of the tanks at the site have been closed, although documentation of SCDHS inspection of the tank removals is available for Tanks 8 and 9 only.

As shown on Figure 2-3, sanitary systems were located on the north and south sides of the former laundry building. Historic maps do not indicate the presence of a separate sanitary system for the garage building. In addition, two catch basins are shown within the parking area on the eastern portion of the property. The storm water entering these basins apparently discharged directly to Purgatory/Corey Creek.

According to SCDHS records, the Blue Point Laundry facility operated as a commercial laundry and dry cleaning facility. Stoddard Solvent, a mixture of straight-chain and cyclic aliphatic hydrocarbons and aromatic hydrocarbons (including substituted benzenes and

Table 2-1

**BLUE POINT LAUNDRY SITE
SUMMARY OF IDENTIFIED STORAGE TANKS**

Tank Number	Reported Contents	Location	Reported Capacity
1	Gasoline	Underground in northwest corner of site	4,000 gallons
2	Diesel Fuel	Aboveground inside garage building	500 gallons
3	Stoddard Solvent	Underground in southwest corner of site	2,000 gallons
4	Stoddard Solvent	Underground in southwest corner of site	3,000 gallons
5	Stoddard Solvent	Underground in rear of laundry building	500-1,000 gallons
6	Stoddard Solvent	Underground in rear of laundry building	500-1,000 gallons
7	#2 Fuel Oil	Aboveground outside southeast corner of laundry building	275 gallons
8	#4 or #6 Fuel Oil	Underground in southeast corner of laundry building	10,000 gallons
9	Not used	Aboveground in southeast corner of laundry building	10,000 gallons

substituted toluenes), was used as the dry cleaning fluid rather than tetrachloroethene. It is not known whether the garage and machine shop was operated as part of the Blue Point Laundry facility or by a separate operator.

A State Pollutant Discharge Elimination System (SPDES) permit dated June 1, 1984, was issued to the facility for discharge of sanitary and treated laundry wastes to groundwater. According to the SPDES permit and the associated engineering report dated June 1, 1983, sanitary wastes were discharged into leaching pools shown on the south side of the laundry building (see Figure 2-3). Laundry wastes were pumped to the south side of the LIRR tracks for treatment by aeration, clarification and chlorination prior to discharge to groundwater through lagoons. Sludge generated by the treatment processes was reportedly hauled to a wastewater treatment plant for disposal. The maximum reported discharge volume from the laundry was 74,000 gallons per day.

A NYSDEC Consent Order was signed by Blue Point Laundry in August 1986. The Order required payment of a \$15,000 fine and provision of a \$35,000 letter of credit for failing to abide by the requirements of a January 1983 NYSDEC Consent Order. The 1983 Consent Order had required that Blue Point Laundry construct a new wastewater treatment facility within 2½ months after approval of the plans and specifications, which had been provided by the NYSDEC on November 21, 1984. The off-site facility was constructed on the south side of the LIRR tracks. According to SCDHS personnel, there was a pipe that periodically carried overflow from the off-site treatment facility to Purgatory/Corey Creek.

The 1983 engineering report also shows structures labeled “raw sump,” “flood sump (capped),” stream blowdown (capped),” and “well steam (pump pit drain).” None of the structures were visible during the site inspections and no repairs to the foundation were apparent. As a result, the specific locations of these structures are unknown and it is possible that they were above grade.

Based on a SCDHS Consent Order signed by the property owners on August 7, 1991, and an inspection by the SCDHS of subsequent site occupant Nationwide Millworks, Inc. on

November 25, 1991, Blue Point Laundry apparently went out of business in late 1991. The Consent Order concerned the failure to modify or replace a 10,000-gallon fuel oil storage tank (Tank 8).

After Blue Point Laundry ceased operations, Nationwide Millworks, Inc. occupied a portion of the former laundry building. An undated sketch map contained in the SCDHS files shows two other companies, Anthem Metal Products and FAB Machine, also occupying portions of the former laundry building. National Millworks, Inc. was a manufacturer of wooden moldings. No information regarding the activities conducted by Anthem Metal Products and FAB Machine was available. SCDHS files related to Nationwide Millworks, Inc. included two facility inspection reports, a field report documenting the cleanout of the main sanitary leaching pool and surveillance reports apparently related to odor complaints.

The initial facility inspection report, dated November 25, 1991, noted the presence of a stain and lacquer spray booth. A later report, dated July 25, 1994, cited the company for operating a paint spray booth without proper permits. The cleanout of the main leaching pool of the northern sanitary system occurred on June 13, 1995, when 1,500 gallons of liquid and 12 drums of sludge and soil were removed for off-site disposal. The odor complaint surveillance activities were conducted on nine separate occasions between August 28 and September 6, 1996, at locations downwind of the facility at various times of day and with various wind directions. The surveillance reports indicate that no odors were detected emanating from the Nationwide Millworks facility at any time during this period.

Suffolk County reportedly acquired the property in 1998 in lieu of back taxes. An additional property located at the northeast corner of Park Street and Bowne Avenue was acquired by Suffolk County in 1993 in lieu of back taxes. This property, reportedly the site of the offices for Blue Point Laundry, will not be addressed by this investigation.

According to Suffolk County, the future use of the property is undetermined.

2.3 Site Environmental History

The NYSDEC identified five spill numbers (83-2481, 85-2055, 86-4203, 91-08441 and 98-04645) associated with the former Blue Point Laundry Site. All of these except 91-08441 have been closed, indicating that the NYSDEC investigation has been completed and that any required remediation has been conducted to the satisfaction of the NYSDEC. Open spill number 91-08441 is related to removal of the 10,000-gallon underground fuel oil tank (Tank 8 on Figure 2-3 and Table 2-1), which contained #4 and/or #6 fuel oil. According to NYSDEC records, several holes were observed in the tank when it was removed and approximately 80 cubic yards of contaminated soil were subsequently removed. In addition, free-phase petroleum was observed on groundwater within the tank excavation. Monitoring wells constructed as part of that investigation were last monitored in 1994. Monitoring reports show that one of the wells had occasionally contained floating petroleum at thicknesses ranging from trace amounts to 0.4 feet. The locations and current conditions of these wells are unknown.

A letter dated April 28, 1986, from Blue Point Laundry to the SCDHS, states that the 4,000-gallon gasoline tank (Tank 1) had been abandoned, the 3,000-gallon and 2,000-gallon Stoddard Solvent tanks (Tank 3 and 4) were no longer in use, and that all remaining USTs at the site, except the 10,000-gallon #6 fuel oil UST (Tank 8 on Figure 2-3), would be abandoned by September 13, 1986. According to SCDHS records, all of the tanks at the site have been closed. Five of the six USTs (see Table 2-1) were reportedly removed in September 1986 and the 10,000-gallon UST was removed in November 1991. However, documentation of SCDHS inspection of the tank removals is available for only two tanks, the 10,000-gallon UST (Tank 8) and 10,000-gallon AST (Tank 9). It is unknown when the other two ASTs were removed from the site.

As described above, the main leaching pool of the northern sanitary system was cleaned out on June 13, 1995. A total of 1,500 gallons of liquid and 12 drums of sludge and soil were removed from the leaching pool for off-site disposal due to concentrations of methylene chloride and metals (aluminum, iron and lead) in the liquid within the leaching pool that exceeded discharge criteria, and elevated concentrations of metals (aluminum, copper, iron, lead,

manganese and zinc) in the leaching pool sediment. Based on endpoint sample results, no additional excavation was required. The specific location of the pool that was remediated is unknown.

The SCDHS has conducted several investigations at the property. The locations of soil, sediment, sludge and groundwater samples that could be determined are shown on Figure 2-3.

On April 4, 2000, a sediment sample was collected from an interior floor drain located on the northwest side of the former laundry building. The exact location of the floor drain is unknown. This sample was designated 002359000404 and was analyzed for volatile organic compounds (VOCs) and metals. On April 6, 2000, soil samples were collected from two of four sanitary leaching pools located in front (north) of the former laundry building (see Figure 2-3 for approximate locations). These samples were designated as 001376000406 and 002376000406, and were analyzed for VOCs and metals. A sediment sample from a floor drain within the former machine shop was also collected on April 6, 2000. This sample, designated 003376000406, was also analyzed for VOCs and metals. On May 1, 2000, a soil or sludge sample was collected from a "tank/pool" located on the north side of the former laundry building. This sample was designated 001315000501 and was analyzed for VOCs and metals.

Four surface soil samples (designated 001315000822, 002315000822, 003315000822 and 004315000822), one background surface soil sample (designated 005315000822) and one sludge sample (designated 006315000822) were collected on August 22, 2000. The four surface soil samples were collected in areas of stained or discolored soil. Sludge sample 006315000822 was collected from a settling tank that was located inside the former laundry building. Since during a December 2001 site inspection, the foundation in this portion of the building was intact with no evidence of disturbance, the settling tank was apparently not underground. The size of the settling tank is unknown. All of the samples collected on August 22, 2000, were analyzed for VOCs and metals except 002315000822, which was collected in an area of orange soil and analyzed for metals only. Sample locations, except for 004315000822, are shown on Figure 2-3. According to the SCDHS sampler, the map showing the location of sample 004315000822 could

not be found and the sample location is unknown. This sample did not contain VOCs or metals at concentrations exceeding SCDHS criteria.

Analytical results for the 11 soil, sediment and sludge samples are summarized in Table 2-2. VOCs were detected at concentrations above NYSDEC Recommended Soil Cleanup Objectives (RSCOs) and/or SCDHS Pumpout and Soil Cleanup Action Levels (SCDHS Action Levels) in only two samples. Sample 003376000406 collected from the former machine shop floor drain contained acetone, xylenes, substituted benzenes, substituted toluenes and naphthalene at elevated concentrations. The detection of these compounds suggests that Stoddard Solvent was likely used in the machine shop as a degreasing agent. Sample 001315000501 collected from the tank/pool on the north side of the laundry building contained elevated concentrations of benzene and chlorobenzene. Total VOC results for each sample are also summarized on Figure 2-3.

Ten of the eleven soil, sediment and sludge samples contained one or more metals at concentrations exceeding NYSDEC RSCOs and/or SCDHS Action Levels. However, for six of the ten samples, the exceedances were for copper, iron and/or zinc which are typically detected in soil on Long Island. The samples from the interior floor drain (sample 002359000404) and the stained soil area in the southwest corner of the property (sample 001315000822) contained lead at concentrations above RSCOs and/or SCDHS Action Levels (in addition to copper, iron and/or zinc). The machine shop floor drain (sample 003376000406) contained arsenic, barium, cadmium, chromium, copper, iron, lead, nickel and zinc at concentrations above RSCOs and/or SCDHS Action Levels. The sludge sample from the settling tank (sample 006315000822) contained elevated levels of barium, cadmium, chromium, copper, iron, nickel and zinc. Lead results for each sample are also summarized on Figure 2-3.

On September 22, 2000, an additional sludge sample was collected from the settling tank that had been previously sampled on August 22, 2000. The sample was designated 001376000922 and was analyzed for leachable metals using the Toxicity Characteristic Leaching Procedure (TCLP). Analytical results showed that the metals in the material within the settling

Table 2-2
SUMMARY OF ANALYTICAL RESULTS FOR HISTORIC SOIL, SEDIMENT AND SLUDGE SAMPLES
BLUE POINT LAUNDRY SITE

SCDHS SAMPLE ID	002359000404	001376000406	002376000406	003376000406	001315000501	SCDHS	NYSDEC
SAMPLE LOCATION	Interior Floor Drain	Sanitary Pool	Sanitary Pool	Machine Shop Floor Drain	Tank/Pool (East)	Pumpout and Soil Cleanup Action Levels	Recommended Soil Cleanup Objectives
SAMPLE TYPE	Sediment	Soil	Soil	Sludge	Soil/sludge		
SAMPLE DATE	4/4/00	4/6/00	4/6/00	4/6/00	5/1/00		
<i>Volatile Organics, in ug/kg</i>							
Acetone	U	U	U	560	U	400	200
Benzene	U	U	U	U	590	120	60
Chlorobenzene	U	U	U	U	24,000	3,400	1,700
Total Xylenes	U	U	U	1,400	U	2,400	1,200
n-Propylbenzene	U	U	U	1,400	120	600	14,000
p-Ethyltoluene	U	U	U	3,300	240	3,600	10,000 *
1,3,5-Trimethylbenzene	U	U	U	5,600	370	5,200	3,300
1,2,4-Trimethylbenzene	U	U	U	20,000	890	4,800	10,000 *
d-Limonene	U	U	U	U	U	--	--
p-Isopropyltoluene	U	U	U	3,900	U	7,800	10,000 *
1,4-Dichlorobenzene	U	U	U	U	900	10,000	8,500
p-Diethylbenzene	U	U	U	18,000	540	7,600	--
n-Butylbenzene	U	U	U	4,700	U	--	10,000 *
1,2-Dichlorobenzene	U	U	U	U	230	10,000	7,900
1,2,4,5-Tetramethylbenzene	U	U	U	11,000	210	10,000	--
Naphthalene	U	U	U	17,000	130	10,000	13,000

NOTES:

Only detected compounds reported.

U: Compound analyzed for but not detected.

*: As per TAGM 4046, Recommended Soil Cleanup Objective for total VOCs is 10,000 ug/kg.

Exceeds NYSDEC Recommended Soil Cleanup Objective.

Exceeds SCDHS Action Level.

Exceeds SCDHS Action Level and NYSDEC Recommended Soil Cleanup Objective.

Table 2-2
SUMMARY OF ANALYTICAL RESULTS FOR HISTORIC SOIL, SEDIMENT AND SLUDGE SAMPLES
BLUE POINT LAUNDRY SITE

SCDHS SAMPLE ID	001315000822	002315000822	003315000822	004315000822	005315000822	006315000822	SCDHS	NYSDEC
SAMPLE LOCATION	Stained Soil (Southwest)	Orange Surface Soil	Gray Surface Soil (South)	Gray Surface Soil	Background Surface Soil	Settling Tank	Pumpout and Soil Cleanup Action Levels	Recommended Soil Cleanup Objectives
SAMPLE TYPE	Soil	Soil	Soil	Soil	Soil	Sludge		
SAMPLE DATE	8/22/00	8/22/00	8/22/00	8/22/00	8/22/00	8/22/00		
<i>Volatile Organics, in ug/kg</i>								
Acetone	U	Not analyzed	U	U	U	U	400	200
Benzene	U	Not analyzed	U	U	U	U	120	60
Chlorobenzene	U	Not analyzed	U	U	U	U	3,400	1,700
Total Xylenes	U	Not analyzed	U	U	U	U	2,400	1,200
n-Propylbenzene	U	Not analyzed	U	U	U	U	600	14,000
p-Ethyltoluene	U	Not analyzed	U	U	U	U	3,600	10,000 *
1,3,5-Trimethylbenzene	U	Not analyzed	U	U	U	U	5,200	3,300
1,2,4-Trimethylbenzene	U	Not analyzed	U	U	U	U	4,800	10,000 *
d-Limonene	U	Not analyzed	U	U	U	160	--	--
p-Isopropyltoluene	U	Not analyzed	U	U	U	U	7,800	10,000 *
1,4-Dichlorobenzene	U	Not analyzed	U	U	U	U	10,000	8,500
p-Diethylbenzene	U	Not analyzed	U	U	U	U	7,600	--
n-Butylbenzene	U	Not analyzed	U	U	U	U	--	10,000 *
1,2-Dichlorobenzene	U	Not analyzed	U	U	U	U	10,000	7,900
1,2,4,5-Tetramethylbenzene	U	Not analyzed	U	U	U	U	10,000	--
Naphthalene	U	Not analyzed	U	U	U	U	10,000	13,000

NOTES:

Only detected compounds reported.

U: Compound analyzed for but not detected.

*: As per TAGM 4046, Recommended Soil Cleanup Objective for total VOCs is 10,000 ug/kg.

Exceeds NYSDEC Recommended Soil Cleanup Objective.

Exceeds SCDHS Action Level.

Exceeds SCDHS Action Level and NYSDEC Recommended Soil Cleanup Objective.

Table 2-2
SUMMARY OF ANALYTICAL RESULTS FOR HISTORIC SOIL, SEDIMENT AND SLUDGE SAMPLES
BLUE POINT LAUNDRY SITE

SCDHS SAMPLE ID	002359000404	001376000406	002376000406	003376000406	001315000501	SCDHS	NYSDEC
SAMPLE LOCATION	Interior Floor Drain	Sanitary Pool	Sanitary Pool	Machine Shop Floor Drain	Tank/Pool (East)	Pumpout and Soil Cleanup	Recommended Soil Cleanup Objectives
SAMPLE TYPE	Sediment	Soil	Soil	Sludge	Soil/sludge	Action Levels	
SAMPLE DATE	4/4/00	4/6/00	4/6/00	4/6/00	5/1/00		
<i>Metals, in mg/kg</i>							
Aluminum	1,400	480	2,600	3,200	570	--	SB
Antimony	U	U	U	U	U	--	SB
Arsenic	U	U	U	35	U	25	7.5 or SB
Barium	55	U	25	900	20	--	300 or SB
Cadmium	4	U	U	18	U	10	10 or SB
Calcium	1,700	55	140	2,600	1,100	--	SB
Chromium	20	U	U	70	U	100	50 or SB
Copper	100	U	150	300	210	500	25 or SB
Iron	15,000	980	2,700	40,000	25,000	--	2,000 or SB
Lead	470	U	45	2,400	25	400	400*
Magnesium	540	70	230	2,500	230	--	SB
Manganese	100	15	U	180	90	--	SB
Nickel	10	U	U	65	U	1000	13 or SB
Potassium	U	U	U	150	U	--	SB
Silver	U	U	U	U	U	100	SB
Sodium	U	U	U	U	U	--	SB
Vanadium	30	U	U	10	U	--	150 or SB
Zinc	250	U	25	510	430	--	20 or SB

NOTES:

Only detected compounds reported.

U: Compound analyzed for but not detected.

SB: Site background.

*: Average background levels for lead in metropolitan or suburban areas or near highways typically range from 200 to 500 milligrams per kilogram.
 Exceeds NYSDEC Recommended Soil Cleanup Objective.

Exceeds SCDHS Action Level.

Exceeds SCDHS Action Level and NYSDEC Recommended Soil Cleanup Objective.

Table 2-2
SUMMARY OF ANALYTICAL RESULTS FOR HISTORIC SOIL, SEDIMENT AND SLUDGE SAMPLES
BLUE POINT LAUNDRY SITE

SCDHS SAMPLE ID	001315000822	002315000822	003315000822	004315000822	005315000822	006315000822	SCDHS Pumpout and Soil Cleanup Action Levels	NYSDEC Recommended Soil Cleanup Objectives
SAMPLE LOCATION	Stained Soil (Southwest)	Orange Surface Soil	Gray Surface Soil (South)	Gray Surface Soil	Background Surface Soil	Settling Tank		
SAMPLE TYPE	Soil	Soil	Soil	Soil	Soil	Sludge		
SAMPLE DATE	8/22/00	8/22/00	8/22/00	8/22/00	8/22/00	8/22/00		
<i>Metals, in mg/kg</i>								
Aluminum	2,600	1,700	2,200	720	3,000	3,300	--	SB
Antimony		U	U	U	U	30	--	SB
Arsenic	15	U	U	U	U	U	25	7.5 or SB
Barium	180	75	33	U	14	600	--	300 or SB
Cadmium		U	U	U	U	20	10	10 or SB
Calcium	85	67	1,400	120	740	23,000	--	SB
Chromium		U	U	U	U	195	100	50 or SB
Copper	20	11	26	U	16	660	500	25 or SB
Iron	4,100	2,000	7,000	2,100	5,900	23,000	--	2,000 or SB
Lead	1,120	330	38	13	121	252	400	400*
Magnesium	140	120	305	122	480	11,000	--	SB
Manganese		U	29	25	57	390	--	SB
Nickel		U	U	U	U	210	1000	13 or SB
Potassium	53	U	130	U	160	540	--	SB
Silver		U	U	U	U	28	100	SB
Sodium		U	U	U	U	410	--	SB
Vanadium		U	U	U	17	U	--	150 or SB
Zinc	44	23	56	12	98	3,500	--	20 or SB

NOTES:

Only detected compounds reported.

U: Compound analyzed for but not detected.

SB: Site background.

*: Average background levels for lead in metropolitan or suburban areas or near highways typically range from 200 to 500 milligrams per kilogram.
 Exceeds NYSDEC Recommended Soil Cleanup Objective.

Exceeds SCDHS Action Level.

Exceeds SCDHS Action Level and NYSDEC Recommended Soil Cleanup Objective.

tank were not significantly leachable (TCLP results were at least two orders of magnitude less than the total metals results) and that the sludge in the settling tank was non-hazardous.

On September 20, 2000, groundwater samples were collected at seven locations (BP-1 through BP-7) across the property. Samples were collected from 1-inch diameter well installed by the SCDHS using the direct push method. Two 1-inch diameter PVC monitoring wells corresponding to the locations of BP-4 and BP-6 (see Figure 2-3), were observed during a December 2001 site inspection. These wells were not located during the site inspection conducted on July 23, 2003. None of the other wells were found during the December 2001 or July 2003 site inspections. Each groundwater sample was collected at the water table for analysis of VOCs and metals. The sample analyzed for metals was not filtered. The sample results are summarized in Table 2-3. As shown in this table, groundwater at BP-4 located downgradient of the former Stoddard Solvent USTs (Tanks 5 and 6 on Figure 2-3) has been significantly impacted by VOCs (total VOC concentration of 1,761 micrograms per liter). None of the other groundwater samples contained VOCs at concentrations exceeding NYSDEC Class GA groundwater standards or guidance values. Total VOC results for the groundwater samples are shown on Figure 2-3. Metals that exceeded groundwater standards included iron (four samples), lead (one sample), manganese (four samples) and sodium (three samples).

Asbestos abatement was performed within the interior of the former laundry building prior to its demolition in January 2001.

Table 2-3
SUMMARY OF GROUNDWATER SAMPLE RESULTS
BLUE POINT LAUNDRY SITE

SCDHS SAMPLE ID	BP-1	BP-2	BP-3	BP-4	BP-5	BP-6	BP-7	Class GA
SAMPLE DEPTH, feet	1-6	1-6	1-6	12-17	13-18	13-18	20-25	Standards and
SAMPLE DATE	9/20/00	9/20/00	9/20/00	9/20/00	9/20/00	9/20/00	9/20/00	Guidance Values
<i>Volatile Organics, in ug/l</i>								
Trichloroethene	U	U	U	21	U	U	U	5
Tetrachloroethene	U	U	U	4	3	U	U	5
MTBE	U	1	U	U	U	U	U	10
Ethylbenzene	U	U	U	16	U	U	U	5
Total xylenes	U	U	U	160	U	U	U	5
n-Propylbenzene	U	U	U	55	U	U	U	5
1,3,5-Trimethylbenzene	U	U	U	300	U	U	U	5
1,2,4-Trimethylbenzene	U	U	U	900	U	U	U	5
p-Isopropyltoluene	U	U	U	31	U	U	U	5
p-Diethylbenzene	U	U	U	120	U	U	U	--
n-Butylbenzene	U	U	U	38	U	U	U	5
1,2,4,5-Tetramethylbenzene	U	U	U	15	U	U	U	5
Naphthalene	U	U	U	23	U	U	U	10 GV
sec-Butylbenzene	U	U	U	27	U	U	U	5
tert-Butylbenzene	U	U	U	7	U	U	U	5
Methyl sulfide	U	U	U	13	U	U	U	--
Dimethylsulfide	U	U	U	8	U	U	U	--
1-Methylethylbenzene	U	U	U	23	U	U	U	--
<i>Metals, in ug/l</i>								
Aluminum	122	701	875	280	170	280	43.2	--
Arsenic	U	5.73	U	U	U	U	U	25
Barium	49.8	114	67.6	17.5	22.4	14.5	22.9	1,000
Chromium	7.86	12.6	7.09	10.1	3.42	10.4	4.19	50
Cobalt	U	U	U	U	1.02	1.17	3.47	--
Copper	8.04	2.6	6.41	2.39	18.7	3.29	1.8	200
Iron	8,320	U	16,600	4,540	790	157	159	300 +
Lead	16.8	6.48	33.1	1.73	U	U	U	25
Manganese	326	1,380	866	160	143	42.4	348	300 +
Molybdenum	U	U	U	1.72	1.56	2.51	4.87	--
Nickel	3.19	4.61	3.19	4.02	5.05	4.54	7.66	100
Selenium	U	U	U	U	U	3.08	U	10
Sodium	36,700	10,400	59,700	116,000	U	16,900	12,900	20,000
Titanium	5.25	17.3	14.8	7.08	4.58	13.9	1.33	--
Vanadium	2.5	5.32	7.99	4.17	4.58	2.64	1.01	--
Zinc	U	80.1	97.1	116	51.1	U	U	2,000 GV

NOTES:

Only detected compounds reported.

U: Compound analyzed for but not detected.

GV: Guidance value.

+: Sum of iron and manganese concentrations not to exceed 500 ug/l.

 Concentration exceeds Class GA groundwater standard or guidance value.

Section 3

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

3.0 STUDY AREA INVESTIGATION

This section presents the investigation scope of work that was implemented at the site, based on the historic information and previous sample results described in Section 2.0. As mentioned previously, the property at the northeast corner of Park Street and Bowne Avenue that formerly was the location of the Blue Point Laundry offices was not addressed as part of this investigation. In addition, since only the property located north of the LIRR tracks is currently owned by Suffolk County, no investigation was conducted south of the railroad.

3.1 Wetlands Delineation

As described previously, correspondence from the NYSDEC and a site inspection conducted by D&B and SCDHS personnel on July 30, 2003, confirmed that no wetland habitats are present on the site. A permit was not required by the NYSDEC, as confirmed by the NYSDEC Project Manager.

3.2 Geophysical Survey

Since it was not confirmed that all of the USTs historically present at the site have been removed, a geophysical survey was conducted to evaluate the locations of the identified USTs and any other undocumented USTs that may be present at the site. A second objective of the geophysical survey was to locate the structures associated with the two sanitary systems at the site and the two catch basins that likely discharged storm water to Purgatory/Corey Creek. The geophysical survey included an electromagnetic survey using an EM-31 magnetometer along transects with a 10-foot spacing throughout the site, excluding the building foundation areas. Both total magnetic field and vertical magnetic gradient were measured. The magnetic data were contoured and identified anomalies were further investigated using ground penetrating radar (GPR). The geophysical survey report is included in Appendix A.

3.3 Soil Vapor Sampling

In order to evaluate whether VOC contamination that may exist beneath the building foundations is migrating through the unsaturated zone, five soil vapor samples were collected. As shown on Figure 3-1, two of these samples were collected at the edge of the foundation of the former laundry building and two samples were collected at the edge of the building foundation of the former garage. The fifth sample was collected from beneath the foundation of the former laundry building. Each soil vapor sample was collected from a depth of approximately 4 feet below ground surface using the direct push method. Samples were collected in Tedlar[®] bags for analysis of VOCs using modified USEPA Method TO-14A.

3.4 Surface Soil Sampling

In order to facilitate redevelopment of the property, and due to the likely greatest potential for contact with contamination, characterization of surface soil quality is an important consideration regarding reuse of the property. Therefore, as shown on Figure 3-1, 11 surface soil samples were collected from locations across the site and 1 surface soil sample was collected from below the former No. 2 fuel oil AST outside the southeast corner of the former laundry building (Tank 7 on Figure 3-1). These samples were each collected from 0 to 2 inches below ground surface or below vegetation, and were analyzed for Target Compound List (TCL) semivolatile organic compounds with a library search (SVOCs +10), TCL pesticides, herbicides, Target Analyte List (TAL) metals and cyanide. Since any volatile organic compounds (VOCs) present in outdoor surface soils have likely been volatilized to the atmosphere due to wind and precipitation, surface soil samples collected from outdoor areas were not analyzed for VOCs.

3.5 Shallow Subsurface Soil Sampling

Since fill of unknown quality may have been used to develop the site, in particular the western portion of the property, shallow subsurface soil samples were collected at four locations (SB-SSS-1 through SB-SSS-4) across the western portion of the property (see Figure 3-1). Each

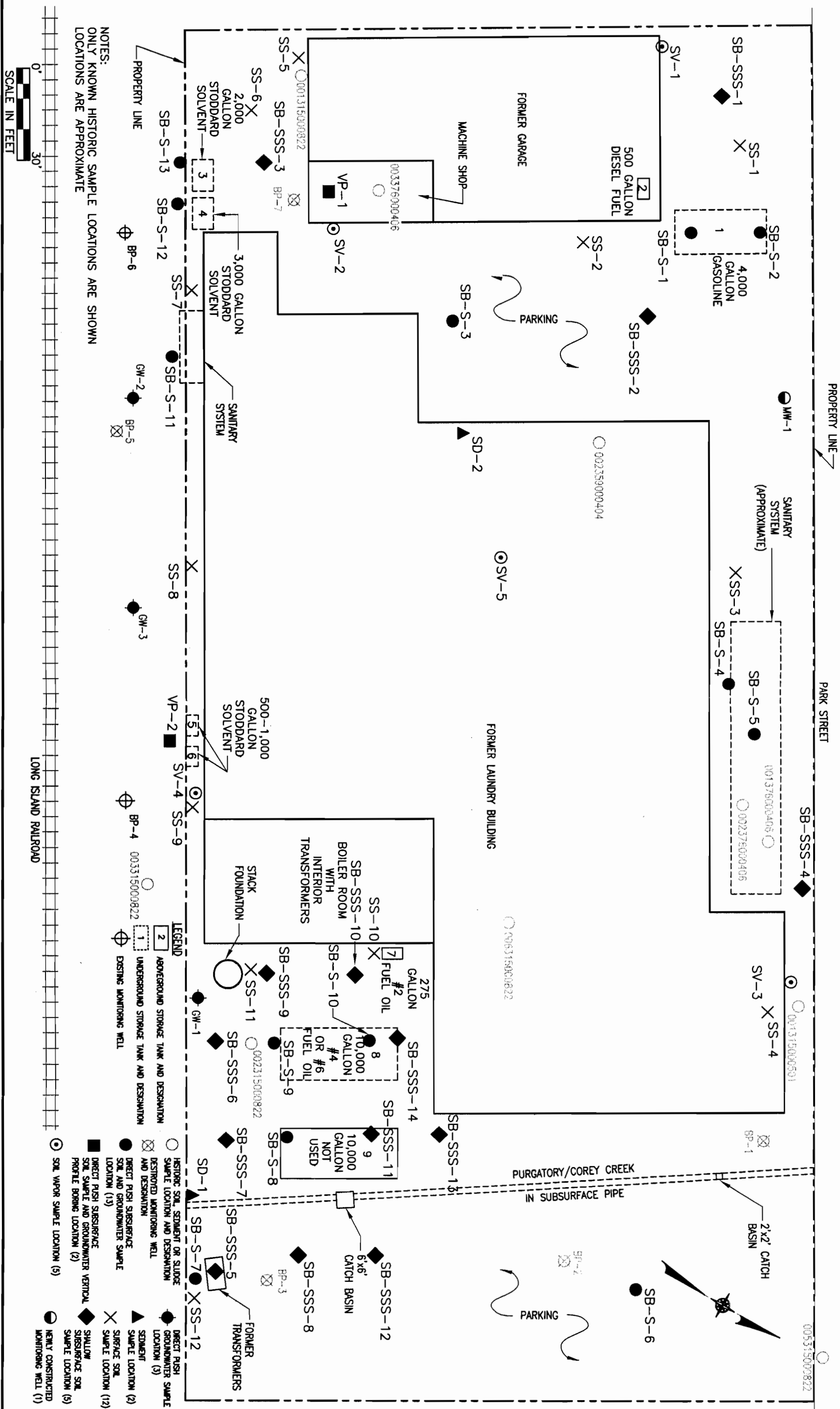


FIGURE 3-1

sample was collected from 2 to 4 feet below ground surface and was analyzed for TCL VOCs +10, TCL SVOCs +20, TAL metals and cyanide.

One additional shallow subsurface soil sample (SB-SSS-5) was collected from the former location of exterior transformers in the southeastern portion of the property. Since debris from the building demolition is at the ground surface over much of the property, this sample was collected from 1 to 3 feet below ground surface for analysis of PCBs only. Since the interior transformers were located within the building and the foundation appears intact, no sampling at the interior transformer area was conducted.

3.6 Subsurface Soil Sampling

Soil borings were constructed at the site to evaluate subsurface soil quality. Except as noted below, at each location, soil samples were collected continuously from ground surface to the water table using the direct push method. Upon retrieval, each sample was screened for VOCs using an organic vapor analyzer equipped with a photoionization detector (PID). The samples were also geologically logged, including indications of contamination such as odors or staining. The worst-case interval from above the water table based on PID readings, odors, staining, etc., was submitted for laboratory analysis. If no worst-case interval was apparent, then the 2-foot interval immediately above the water table was submitted for analysis. Each sample was analyzed for TCL VOCs +10, TCL SVOCs +20, TAL metals and cyanide. Boring locations are shown on Figure 3-1. Boring logs are included in Appendix B.

3.6.1 Transformer Pad

One soil boring (SB-S-7) was constructed on the south side of the exterior transformer area to evaluate potential impacts to soil from the transformers. The interval from 1 to 3 feet below ground surface was submitted for analysis (consistent with the shallow subsurface soil sample collected in this area). Since this location was near the former location of transformers, the soil sample collected from the boring was also analyzed for PCBs.

3.6.2 Sanitary Systems

As described in Section 2.3, soil samples were collected by the SCDHS from two leaching pools associated with the northern sanitary system. In order to evaluate soil and groundwater quality at the southern sanitary system and the remaining two leaching pools in the northern sanitary system, samples were collected in these areas. As shown on Figure 3-1, two borings (SB-S-4 and SB-S-5) were constructed at the northern sanitary system and one boring (SB-S-11) was constructed at the southern sanitary system to determine whether they may be contaminant sources. Since none of the leaching pools were located by the geophysical survey, at each location soil samples were continuously collected from ground surface to the water table and the worst-case interval was submitted for laboratory analysis.

3.6.3 Underground and Aboveground Storage Tanks

The outdoor USTs and ASTs that were identified at the site also represent potential contaminant sources. Soil and groundwater sampling was conducted to evaluate these locations. As shown on Figure 3-1, two soil borings (SB-S-1 and SB-S-2) were constructed to investigate the 4,000-gallon gasoline UST (Tank 1) and two borings (SB-S-9 and SB-S-10) were constructed to investigate the 10,000-gallon fuel oil UST (Tank 8). One soil boring was constructed at each of Tanks 3 and 4 (SB-S-13 and SB-S-12, respectively) which contained Stoddard Solvent. In addition, one boring (SB-S-8) was constructed to investigate the 10,000-gallon AST (Tank 9), which was reportedly never used.

For each of the USTs except Tank 8, no worst-case interval was apparent above the water table. As a result, the sample to be analyzed was collected immediately below the presumed invert of each UST (8 to 10 feet below ground surface for Tank 1 and 6 to 8 feet below ground surface for Tanks 3 and 4). For Tank 9, the sample to be analyzed was collected from 2 to 4 feet below ground surface. At Tank 8 (borings SB-S-9 and SB-S-10), soil contamination was identified at a depth of 6 feet below ground surface (immediately above the water table). The sample from this horizon in both borings was submitted for laboratory analysis.

Based on the analytical results from the soil samples analyzed from borings SB-S-9 and SB-S-10 in the area of Tank 8, nine additional shallow subsurface soil samples were collected. Similar to the previous samples collected in this area, the additional samples (SB-SSS-6 through SB-SSS-14) were collected from the worst-case interval above the water table, to delineate the extent of the identified contamination. Since Tank 8 had reportedly been used to store No. 4 or No. 6 fuel oil, the delineation samples were analyzed for TCL SVOCs +20, TAL metals and cyanide.

3.6.4 Parking Areas

Since it is not known when the two parking areas identified at the property were paved, two soil borings (SB-S-3 and SB-S-6) were constructed to evaluate soil and groundwater quality in these areas. At each location, the sample from immediately above the water table was submitted for laboratory analysis.

3.6.5 Vertical Profile Borings

Soil samples were also collected for laboratory analysis from above the water table at the two groundwater vertical profile locations (VP-1 and VP-2, see Figure 3-1). One of these locations (VP-1) was located immediately south/downgradient of the floor drain in the former machine shop, and the other location (VP-2) was immediately south/downgradient of the two smaller Stoddard Solvent USTs (Tanks 5 and 6). At each location, the sample from immediately above the water table was submitted for analysis.

3.7 **Sediment Sampling**

Since storm water apparently discharged directly into Purgatory/Corey Creek from the site, one sediment sample was collected to evaluate potential impacts from site operations. Since the catch basins identified on historic site drawings (see Figure 2-1) were not found, this sample (SD-1) was collected from a drainage structure near the southern property boundary in the east-central portion of the site. A second sediment sample (SD-2) was collected from a storm water

dry well/leaching pool within the foundation of the former laundry building. Each sample was analyzed for TCL VOCs +10, TCL SVOCs +20, TAL metals and cyanide. Sample locations are shown on Figure 3-1.

3.8 Direct Push Groundwater Sampling

In order to assess groundwater quality at the site, a groundwater sample was collected using the direct push method at each of the 13 soil boring locations. These samples were designated SB-GW-1 through SB-GW-13 and were each analyzed for TCL VOCs +10 and TCL SVOCs +10.

Shallow groundwater quality migrating off-site was determined through sampling of three direct push sample locations (GW-1, GW-2 and GW-3) between the building foundations and the LIRR tracks (see Figure 3-1 for locations). Each sample was collected at the water table and analyzed for TCL VOCs +10, TCL SVOCs +10, TCL pesticides, herbicides, TAL metals and cyanide. Analysis of pesticides, herbicides, metals and cyanide were performed at these locations to evaluate off-site migration of these parameters.

According to information provided by the NYSDEC, a significant clay layer has been identified in a nearby well at a depth of approximately 90 feet below ground surface. In order to provide an evaluation of the vertical distribution of contaminants that may be in groundwater migrating from the site, two vertical profile groundwater borings (VP-1 and VP-2) were constructed using the direct push method at locations shown on Figure 3-1. As described in Section 3.5, the borings also investigated the floor drain in the former machine shop and Tanks 5 and 6. At each location, the sampler was driven to 90 feet below ground surface and a groundwater sample was collected. The sampler was then retracted and additional samples collected at 10-foot intervals to the water table. Each sample was analyzed for TCL VOCs +10 and TCL SVOCs +10.

3.9 Monitoring Well Construction and Sampling

Since the regional groundwater flow direction is to the southeast, the two existing monitoring wells that were identified in December 2001 (BP-4 and BP-6) are located downgradient of the former laundry building. In order to determine the site-specific groundwater flow direction and to evaluate the quality of groundwater flowing onto the site, one additional monitoring well (MW-1) was constructed in the northern portion of the property (see Figure 3-1), using the direct push method. MW-1 was constructed using 10 feet of 1-inch diameter PVC screen and 1-inch diameter PVC casing. The well screen was installed across the water table. The new well and the two existing wells were developed/redeveloped to ensure that representative groundwater samples would be collected. The specifications of MW-1 are summarized in Table 3-1.

Shallow groundwater quality migrating onto the site and off-site was determined through sampling of the three monitoring wells. Prior to sampling, each well was purged of 3 to 5 casing volumes using a peristaltic pump with new dedicated tubing. Similar to the direct push groundwater samples along the southern property boundary, the monitoring well samples were analyzed for TCL VOCs +10, TCL SVOCs +20, TCL pesticides, herbicides, TAL metals and cyanide.

The three wells were surveyed relative to a common random datum by YEC, Inc., a New York State-licensed surveyor. Depth to water measurements from the three wells (see Table 3-1) were used in conjunction with the survey data to develop a water table elevation contour map for the site, which is shown on Figure 3-2. Based on this map, the groundwater flow direction at the site is toward the southeast.

Table 3-1

**MONITORING WELL SPECIFICATIONS, DEPTH TO WATER
MEASUREMENTS AND WATER TABLE ELEVATIONS**

BLUE POINT LAUNDRY SITE

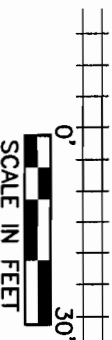
Well	Diameter	Total Depth⁽¹⁾	Screen Type	Screen Zone⁽¹⁾	Measuring Point Elevation⁽³⁾	Depth to Water⁽²⁾	Water Table Elevation⁽³⁾
MW-1	1"	20.00	PVC, 0.010" slots	10-20	24.72	14.14	10.58
BP-4	1"	17.70	NA ⁽⁴⁾	NA ⁽⁴⁾	22.61	12.68	9.93
BP-6	1"	17.90	NA ⁽⁴⁾	NA ⁽⁴⁾	23.11	12.99	10.12

(1) Feet below ground surface

(2) Feet below measuring point

(3) Relative to a common random datum

(4) Information not available; well constructed by others



LONG ISLAND RAILROAD

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BLUE POINT LAUNDRY EXPANDED SITE INVESTIGATION

GROUNDWATER ELEVATION
CONTOUR MAP

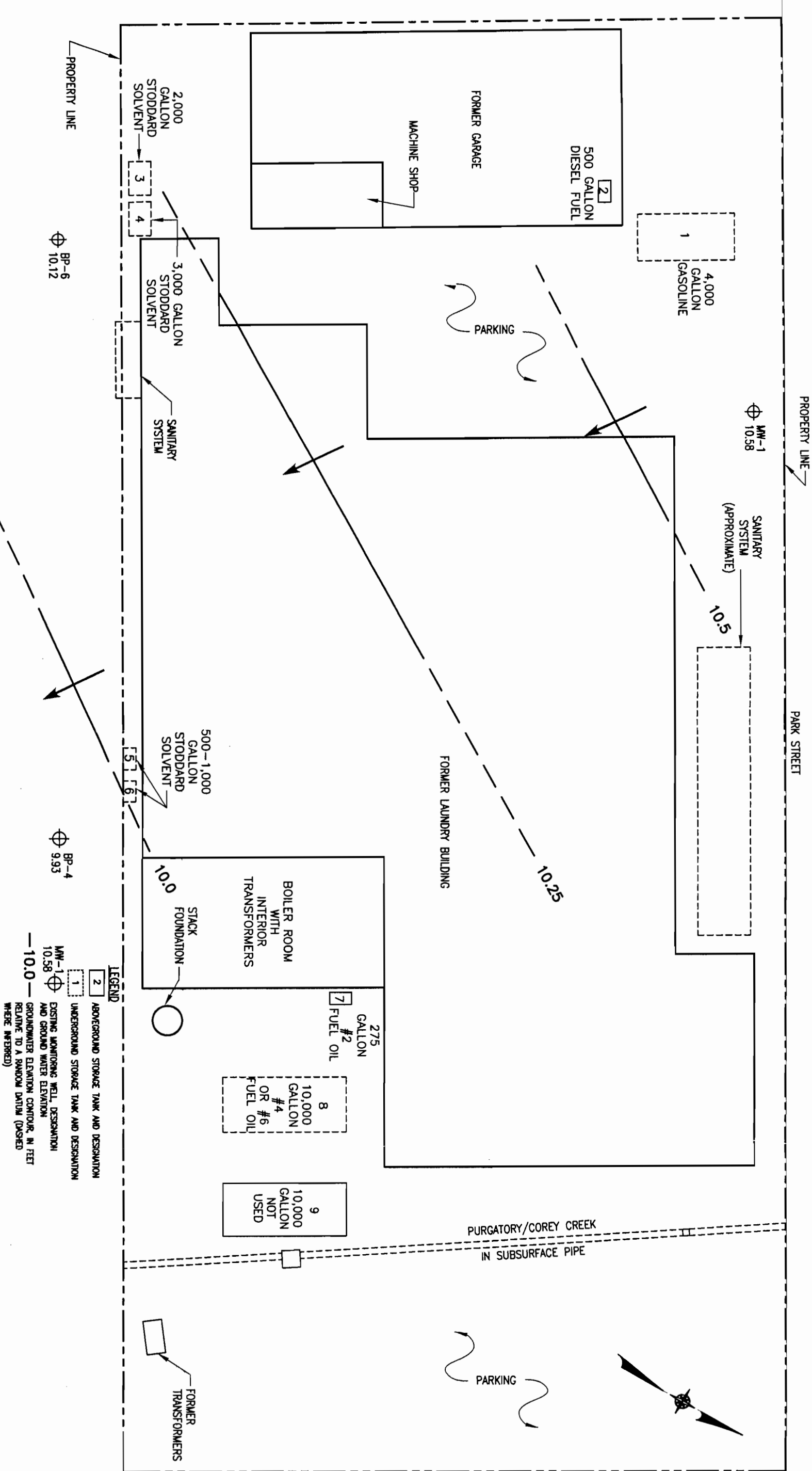


FIGURE 3-2

Section 4

4.0 NATURE AND EXTENT OF CONTAMINATION

This section presents the analytical results for the soil, sediment and groundwater samples collected during the site investigation and discusses the nature, extent and significance of the identified contamination. The extent of contamination is based on a comparison of contaminant concentrations to standards, criteria and guidelines (SCGs) selected for the site, which are described below.

4.1 Identification of Standards, Criteria and Guidelines

During this site investigation, soil vapor, surface soil, subsurface soil, sediment and groundwater samples were collected. The following sections present the SCGs that were utilized for each of these media.

4.1.1 Soil Vapor

There are no final standards in New York State for comparison of soil vapor results. As a result, no SCGs for soil vapor have been identified for this investigation.

4.1.2 Surface Soil

The degree and extent of surface soil contamination were evaluated based on comparison to NYSDEC Technical and Administrative Guidance Memorandum (TAGM) 4046, *Determination of Soil Cleanup Objectives and Cleanup Levels*, dated 1994, as revised. The Recommended Soil Cleanup Objectives (RSCOs) included in TAGM 4046 were developed for protection of human health in a residential setting and for protection of groundwater as a potable water supply. The RSCOs for all metals, except lead, were developed based on New York State or eastern United States background levels, rather than health-based criteria.

4.1.3 Subsurface Soil

Analytical results for the subsurface soil samples were also compared to the RSCOs contained in NYSDEC TAGM 4046.

4.1.4 Sediment

Analytical results for the sediment samples were also compared to RSCOs contained in NYSDEC TAGM 4046.

4.1.5 Groundwater

Analytical results from groundwater samples were compared to NYSDEC Class GA groundwater standards and guidance values, which are presented in the June 1998 NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1, *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*, the January 1999 Errata Sheet and Addendum dated April 2000. The Class GA water quality standards and guidance values have been developed to protect groundwater based on its best-classified usage, which is potable water supply. However, since public water is available at and in the vicinity of the site, it is unlikely that groundwater at the site will be used for potable purposes.

4.2 **Soil Vapor Sample Results**

The only compound that was detected in any of the soil vapor samples was m,p xylene, which was detected at a trace concentration of 0.30 milligrams per cubic meter in sample SV-1. A table summarizing the soil vapor sample results is included in Appendix C. Laboratory data sheets for these samples are included in Appendix D.

4.3 Surface Soil Sample Results

Analytical results for compounds that exceed SCGs in surface soil samples are summarized in Table 4-1. Tables summarizing the complete surface soil sample results are included in Appendix C. Laboratory data sheets for these samples are included in Appendix D.

The SCGs for SVOCs, all probable carcinogenic polycyclic aromatic hydrocarbons (PAHs), were exceeded in three of the surface soil samples. The exceedances were for benzo(a)pyrene in SS-03, benzo(a)pyrene and dibenzo(a,h)anthracene in SS-04, and benzo(a)pyrene, dibenzo(a,h)anthracene, benzo(a)anthracene, chrysene and benzo(b)fluoranthene (slight exceedance) in SS-10.

SS-12 contained the pesticide dieldrin at a concentration exceeding the SCG. The SCGs for herbicides were not exceeded in any of the samples.

The SCGs for ten metals (arsenic, chromium, copper, iron, lead, mercury, nickel, selenium, vanadium and zinc) were exceeded in one or more of the surface soil samples, and each of the surface soil samples contained at least one metal at a concentrations exceeding SCGs. In six samples (SS-01, SS-03, SS-05, SS-06, SS-07 and SS-08), the only exceedances of SCGs were for iron or iron and zinc. The SCGs for iron, nickel (slight exceedance) and zinc were exceeded in SS-02, and the SCGs for iron, mercury and zinc were exceeded in SS-04, SS-09 and SS-10. In SS-11, SCGs were exceeded for copper, iron, nickel and zinc. In SS-12, the SCGs for all ten metals were exceeded, with the SCG for selenium slightly exceeded. This sample was collected from a topographically low area in the southeastern portion of the site, and the detected concentrations may result from run-off from other areas of the property.

TABLE 4-1

**CONSTITUENTS EXCEEDING SCGs in SURFACE SOIL SAMPLES
SEMIVOLATILE ORGANIC COMPOUNDS AND PESTICIDES**

BLUE POINT LAUNDRY SITE

SAMPLE ID	BP-SS-01	BP-SS-02	BP-SS-03	BP-SS-04	BP-SS-05	BP-SS-06	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Clean-up Objectives (ug/Kg)
SAMPLE DEPTH (IN)	0-2	0-2	0-2	0-2	0-2	0-2		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	86.0	86.0	79.0	82.0	91.0	90.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Semivolatile Organics								
Benzo (a) anthracene	U	U	62 J	280 J	U	U	550	224 or MDL
Chrysene	U	U	120 J	330 J	U	U	550	400
Benzo(b)fluoranthene	U	U	140 J	290 J	U	U	550	1,100
Benzo(a)pyrene	U	U	79 J	210 J	U	U	550	61 or MDL
Dibenzo(a,h)anthracene	U	U	U	46 J	U	U	550	14 or MDL

SAMPLE ID	BP-SS-07	BP-SS-08	BP-SS-09	BP-SS-10	BP-SS-11	BP-SS-12	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Clean-up Objectives (ug/Kg)
SAMPLE DEPTH (IN)	0-2	0-2	0-2	0-2	0-2	0-2		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	88.0	92.0	76.0	76.0	92.0	44.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Semivolatile Organics								
Benzo (a) anthracene	U	U	U	480	U	U	550	224 or MDL
Chrysene	U	U	51 J	720	U	U	550	400
Benzo(b)fluoranthene	U	U	44 J	1,300	U	U	550	1,100
Benzo(a)pyrene	U	U	U	880	U	U	550	61 or MDL
Dibenzo(a,h)anthracene	U	U	U	220 J	U	U	550	14 or MDL
Pesticides								
Diieldrin	U	4	37 P	8	2 JP	310 D	3.3	44

QUALIFIERS:

U: Compound analyzed for but not detected

J: Compound found at a concentration below the CRDL, value estimated

D: Result taken from reanalysis at a secondary dilution

P: Difference in measurement for 2 GC columns used under analytical >25 percent

NOTES:

MDL: Method Detection Limit

Indicates value exceeds NYSDEC Recommended Soil Clean-up Objective

TABLE 4-1

**CONSTITUENTS EXCEEDING SCGs in SURFACE SOIL SAMPLES
TARGET ANALYTE LIST (TAL) METALS**

BLUE POINT LAUNDRY SITE

SAMPLE ID	BP-SS-01	BP-SS-02	BP-SS-03	BP-SS-04	BP-SS-05	BP-SS-06	LABORATORY QUANTIFICATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
SAMPLE DESCRIPTION	0-2 2/4/04	0-2 2/4/04	0-2 2/4/04	0-2 2/4/04	0-2 2/4/04	0-2 2/4/04		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
DILUTION FACTOR	10	10	10	10	10	10		
PERCENT SOLIDS	85.0	86.0	79.0	82.0	91.0	90.0		
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/L	mg/kg
Arsenic	2.1 B	6.4	1 B	4.1	1.7 B	2.8	3	7.5 or SB
Chromium	4.6	6	4.6	9.3	4.8	4.1	0.6	50*
Copper	4.8 B	15.7	10.4	19.7	6.7	7.9	4	25 or SB
Iron	4,190	7,870	3,180	9,950	4,970	5,320	26	2,000 or SB
Lead	15.2	66.5	30.8	93.7	67.6	29.5	4	400
Mercury	U	U	0.078 B	0.69	U	U	0.1	0.1
Nickel	9.4	14.6	3.6 B	6.7 B	3.9 B	6 B	0.8	13 or SB
Selenium	U	U	U	U	U	U	9	2 or SB
Vanadium	17.5	10.5	7.5 B	18.6	14	9.8 B	0.7	150 or SB
Zinc	15.9	66.4	91.2	104	86	14.5	7	20 or SB

SAMPLE ID	BP-SS-07	BP-SS-08	BP-SS-09	BP-SS-10	BP-SS-11	BP-SS-12	LABORATORY QUANTIFICATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
SAMPLE DESCRIPTION	0-2 2/4/04	0-2 2/4/04	0-2 2/4/04	0-2 2/4/04	0-2 2/4/04	0-2 2/4/04		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
DILUTION FACTOR	10	10	10	10	10	10		
PERCENT SOLIDS	85.0	92.0	76.0	76.0	92.0	44.0		
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/L	mg/kg
Arsenic	2.4	3.8	5.2	2.4	5.6	11.6	3	7.5 or SB
Chromium	4.9	4.1	13.6	7.5	5.4	106	0.6	50*
Copper	47	8.3	125	20.6	66	5,290	4	25 or SB
Iron	3,050	3,450	7,020	6,910	55,600	11,700	26	2,000 or SB
Lead	26.3	35.6	99.2	95.6	46.3	708	4	400
Mercury	U	U	1.1	0.62	U	4.2	0.1	0.1
Nickel	3.7 B	3.1 B	12.8	8.5	25.5	103	0.8	13 or SB
Selenium	1.1	U	U	1.2	U	2.2	9	2 or SB
Vanadium	11	6.5 B	26.3	19.8	50.6	475	0.7	150 or SB
Zinc	68.6	34.5	176	197	434	1,740	7	20 or SB

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound concentration is less than the CRDL but greater than IDL

NOTES:

SB: Site Background

*: as per proposed 4/95 NYSDEC TAGM

 Indicates value exceeds NYSDEC Recommended Soil Cleanup Objective

4.4 Subsurface Soil Sample Results

Analytical results for compounds that exceed SCGs in subsurface soil samples, including the shallow subsurface soil samples and samples collected from soil borings, are summarized in Table 4-2. Tables summarizing the complete subsurface soil sample results are included in Appendix C. Laboratory data sheets for these samples are included in Appendix D.

The SCGs for VOCs were exceeded in the samples from soil borings SB-9 (4 to 6 feet) and SB-10 (4 to 6 feet). In both samples, the SCGs for benzene and xylenes were exceeded, and the sample from SB-9 also contained ethylbenzene at a concentration exceeding the SCG.

SCGs for PAHs were exceeded in nine of the 26 subsurface soil samples analyzed for SVOCs. Sample SB-S-3, collected from soil boring SB-3, contained benzo(a)pyrene at a concentrations exceeding the SCG. The remaining eight samples with elevated SVOC concentrations (SB-S-8, SB-S-9, SB-S-10, SB-SSS-6, SB-SSS-9, SB-SSS-10, SB-SSS-11 and SB-SSS-13) were all located in the area of the former 10,000-gallon fuel oil tank (Tank 8).

PCBs were not detected in either subsurface soil sample collected in the area of the former transformer pad (SB-SS-S-5 and SB-S-7).

The SCGs for metals were exceeded in 19 of the 26 subsurface soil samples in which metals were analyzed. The SCG for iron was exceeded in sample SB-S-10, SB-S-12 (slight exceedance), SB-SSS-2, SB-SSS-3, SB-SSS-4 and SB-SSS-6 (slight exceedance). In sample SB-S-3, the SCGs for beryllium, iron and zinc were exceeded, and the SCGs for iron, mercury and zinc were exceeded in samples SB-S-6, SB-S-7 and SB-S-11. The SCG for iron was slightly exceeded in SB-S-7. The SCGs for arsenic, cadmium (slight exceedance), chromium, copper, iron, mercury, nickel, selenium and zinc were exceeded in sample SB-S-8. SCGs for beryllium, copper, iron, mercury, nickel and zinc were exceeded in sample SB-S-9. The SCGs for beryllium and iron were exceeded in sample SB-SSS-1. The SCGs for arsenic, barium, beryllium, copper, iron, lead, mercury, nickel, selenium, vanadium and zinc were exceeded in sample SB-SSS-7. In sample SB-SSS-8, SCGs were exceeded for beryllium (slight exceedance),

TABLE 4-2

**CONSTITUTENTS EXCEEDING SCGs in SUBSURFACE SOIL SAMPLES
VOLATILE ORGANIC COMPOUNDS**

BLUE POINT LAUNDRY SITE

SAMPLE ID	BP-SB-S-9	BP-SB-S-10	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
SAMPLE DEPTH	4-6 FT	4-6 FT		
DATE OF COLLECTION	2/13/04	2/13/04		
DILUTION FACTOR	1.0	125.0		
PERCENT SOLIDS	60.0	85.0		
UNITS	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Benzene	710 J	430 J	10	60
Ethylbenzene	7,400	5,100	10	5,500
Xylene (total)	11,000	14,000	10	1,200

QUALIFIER:

J: Compound found at a concentration below the detection limit, value estimated.

NOTE:

: Indicates value exceeds NYSDEC Recommended Soil Cleanup Objective

TABLE 4-2

**CONSTITUENTS EXCEEDING SCGs in SUBSURFACE SOIL SAMPLES
SEMIVOLATILE ORGANIC COMPOUNDS**

BLUE POINT LAUNDRY SITE

SAMPLE ID	BP-SB-S-3 2.4 FT 2/28/04	BP-SB-S-8 2.4 FT 2/28/04	BP-SB-S-9 4.6 FT 2/28/04	BP-SB-S-10 4.6 FT 2/28/04	BP-SB-S-6 2.3 FT 3/30/04	BP-SB-S-9 4.6 FT 3/31/04	BP-SB-S-10 4.6 FT 3/31/04	BP-SB-S-11 1.3 FT 3/31/04	BP-SB-S-13 0.5-2.5 FT 3/31/04	LABORATORY QUANTIFICATION LIMITS (ug/Kg)	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
PERCENT SOLIDS UNITS	68.0	55.0	55.0	85.0	90.0	100.0	89.0	71.0	82.0		
Naphthalene	U	U	35,000	14,000	29,000	24,000	73 J	U	U	550	13,000
2-Methylnaphthalene	U	U	130,000 D	72,000 D	140,000 D	70,000 D	U	U	U	550	36,400
Benzo (a) anthracene	73 J	1,000 J	2,700 J	3,400 J	9,400	3,700 J	490	330 J	U	550	224 or MDL
Chrysene	120 J	2,600 J	5,900 J	6,700 J	15,000	7,100 J	590	1,600	1,300	550	400
Benzo(b)fluoranthene	180 J	630 J	U	U	2,700 J	1,300 J	770	580 J	520 J	550	1,100
Benzo(k)fluoranthene	58 J	U	U	1,100 J	2,500 J	U	240 J	120 J	120 J	550	1,100
Benzo(a)pyrene	93 J	740 J	1,700 J	2,000 J	6,300 J	2,300 J	460	1,000	940	550	61 or MDL
Dibenzo(a,h)anthracene	U	U	U	U	U	U	52 J	300 J	320 J	550	14 or MDL
Total Carcinogenic PAHs	524	4,970	10,300	13,200	35,900	14,400	2,602	3,930	3,200		10,000

QUALIFIERS:

U: Compound analyzed for but not detected

J: Compound found at a concentration below the CRDL, value estimated

D: Result taken from reanalysis at dilution

NOTES:

MDL: Method Detection Limit

☐ Indicates value exceeds NYSDEC Recommended Soil Clean-up Objective

TABLE 4-2

**CONSTITUENTS EXCEEDING SCGs in SUBSURFACE SOIL SAMPLES
TARGET ANALYTE LIST (TAL) METALS**

BLUE POINT LAUNDRY SITE

SAMPLE ID	SAMPLE DEPTH (FT)	DATE OF COLLECTION	DILUTION FACTOR	PERCENT SOLIDS	BP-SB-S-3	BP-SB-S-6	BP-SB-S-7	BP-SB-S-8	BP-SB-S-9	BP-SB-S-10	INSTRUMENT DETECTION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/l	mg/kg
Arsenic					4.5	2.3	1.2 B	12.2	2.9 B	0.72 B	3	7.5 or SB
Beryllium					0.27 B	U	0.051 B	U	0.27 B	0.066 B	0.5	0.16 or SB
Cadmium					0.26 B	U	0.12 B	10.7	U	U	0.7	10*
Chromium					5.4	4.2	4.2	79.6	12.6	1.4 B	0.6	50*
Copper					11.2	7.1	14.8	180	72.2	3.9 B	4	25 or SB
Iron					4,850	3,240	2,010	15,900	3,890	3,220	26	2,000 or SB
Mercury					0.077 B	0.15	0.21	0.42	0.28	U	0.1	0.1
Nickel					3.4 B	3.4 B	4.7 B	58	16.2	6.9 B	0.8	13 or SB
Selenium					U	U	U	2.7	U	U	9	2 or SB
Zinc					63.7	31.3	61.7	1520	52.6	16.5	7	20 or SB

SAMPLE ID	SAMPLE DEPTH (FT)	DATE OF COLLECTION	DILUTION FACTOR	PERCENT SOLIDS	BP-SB-S-11	BP-SB-S-12	BP-SB-S-SS-1	BP-SB-S-SS-2	BP-SB-S-SS-3	BP-SB-S-SS-4	BP-SB-S-SS-6	INSTRUMENT DETECTION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/l	mg/kg
Beryllium					U	0.051 B	0.2 B	0.098 B	0.1 B	0.11 B	0.059 B	0.5	0.16 or SB
Iron					7,330	2,220	6,700	2,640	3,730	3,120	2,210	26	2,000 or SB
Mercury					0.32	U	U	U	0.064 B	U	U	0.1	0.1
Zinc					205	9.2	10.6	7.6	7.5	9.1	9	7	20 or SB

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound concentration is less than the CRDL

but greater than the IDL.

NOTES:

SB: Site background

*: as per proposed 4/95 NYSDEC TAGM

☐ Indicates value exceeds the NYSDEC Recommended Soil Cleanup Objective

TABLE 4-2

**CONSTITUENTS EXCEEDING SCGs in SUBSURFACE SOIL SAMPLES
TARGET ANALYTE LIST (TAL) METALS**

BLUE POINT LAUNDRY SITE

SAMPLE ID	BP-SB-SSS-7	BP-SB-SSS-8	BP-SB-SSS-9	BP-SB-SSS-11	BP-SB-SSS-13	BP-SB-SSS-14	INSTRUMENT DETECTION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
SAMPLE DEPTH (ft)	2-3 FT	2-5 FT	4-6 FT	1-3 FT	0.5-2.5 FT	1-3 FT		
DATE OF COLLECTION	3/30/04	3/31/04	3/31/04	3/31/04	3/31/04	3/31/04		
DILUTION FACTOR	10	10	10	10	10	10		
PERCENT SOLIDS	850	690	890	710	820	830		
UNITS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/l	mg/Kg
Arsenic	20	4.2	2.1	1.8 B	11.1	6.5	3	7.5 or SB
Barium	566	187	28.6 B	38 B	239	45	4	300 or SB
Beryllium	0.64 B	0.17 B	0.045 B	0.42 B	0.49 B	0.36 B	0.5	0.16 or SB
Copper	217	129	11.9	25.7	126	13.6	4	25 or SB
Iron	12,400	5,360	2,370	1,410	10,600	3,120	26	2,000 or SB
Lead	586	206	28.7	6.7	24	79	4	400
Mercury	2	1.7	U	0.075 B	0.064 B	0.12	0.1	0.1
Nickel	57	28.8	3.1 B	11.4	14.3	3.4 B	0.8	13 or SB
Selenium	8	2	1.2	0.85 B	3.6	2	9	2 or SB
Vanadium	237	71	6.8 B	50.1	34.7	9 B	0.7	150 or SB
Zinc	1,680	457	22.5	83.9	52.5	61.9	7	20 or SB

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound concentration is less than the CRDL
but greater than the IDL.

NOTES:

SB: Site background

*: as per proposed 4/95 NYSDEC TAGM

☐ Indicates value exceeds the NYSDEC Recommended Soil Cleanup Objective

copper, iron, mercury, nickel and zinc. In sample SB-SSS-9, the SCGs for iron and zinc were slightly exceeded. In sample SB-SSS-11, the SCGs were exceeded for copper and zinc, and slightly exceeded for iron. In sample SB-SSS-13, the SCGs were exceeded for arsenic, beryllium, iron, selenium and zinc, and slightly exceeded for nickel. In sample SB-SSS-14, the SCGs were exceeded for beryllium, iron and zinc, and slightly exceeded for mercury.

4.5 Sediment Sample Results

Analytical results for compounds that exceed SCGs in the sediment samples are summarized in Table 4-3. Tables summarizing the complete sediment sample results are included in Appendix C. Laboratory data sheets for these samples are included in Appendix D.

The SCGs for VOCs were not exceeded in either sediment sample. The SCGs for PAHs and metals were exceeded in both sediment samples. In SD-1, the SCGs for benzo(a)anthracene, benzo(a)pyrene, dibenzo(a,h)anthracene and irons were exceeded and the SCGs for chrysene and zinc were slightly exceeded. In SD-2, the SCGs for six PAHs, total carcinogenic PAHs, copper, iron, mercury and zinc were exceeded.

4.6 Groundwater Sample Results

4.6.1 Groundwater Probe Samples

Analytical results for compounds that exceed SCGs in the groundwater probe samples are summarized in Table 4-4. Tables summarizing the complete groundwater probe sample results are included in Appendix C. Laboratory data sheets for these samples are included in Appendix D.

Three VOCs were detected in the groundwater probe samples at concentrations exceeding SCGs. Sample GW-1 contained benzene and ethylbenzene, and sample SB-GW-9 contained benzene, ethylbenzene and total xylenes. Sample SB-GW-9 also contained the SVOC naphthalene at a concentration exceeding its SCG. These compounds are typically related to

TABLE 4-3

CONSITUENTS EXCEEDING SCGs in SEDIMENT SAMPLES

BLUE POINT LAUNDRY SITE

SAMPLE ID: DATE OF COLLECTION	BP-SD-1 2/13/04	BP-SD-2 2/13/04	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
DILUTION FACTOR	10	10		
PERCENT SOLIDS	80.0	51.0		
UNITS	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Semivolatile Organics				
Benzo (a) anthracene	330 J	2,100	550	224 or MDL
Chrysene	450	4,500	550	400
Benzo(b)fluoranthene	410 J	5,200	550	1,100
Benzo(k)fluoranthene	160 J	5,300	550	1,100
Benzo(a)pyrene	280 J	2,000	550	61 or MDL
Dibenzo(a,h)anthracene	51 J	380 J	550	14 or MDL
Total Carcinogen PAHs	1,681	19,480		10,000
Metals	mg/Kg	mg/Kg	ug/L	mg/Kg
Copper	7	40.9	4	25 or SB
Iron	3,350	13,800	26	2,000 or SB
Mercury	U	0.16 B	0.1	0.1
Zinc	23.3	205	7	20 or SB

QUALIFIERS:

U: Compound analyzed for but not detected

J: Compound found at a concentration below the CRDL, value estimated

B: Concentration is greater than the IDL but less than the CRDL

NOTES:

MDL: Method Detection Limit

SB: Site Background

: Indicates value exceeds NYSDEC Recommended Soil Cleanup Objective

TABLE 4-4

CONSTITUENTS EXCEEDING SCGs in GROUNDWATER PROBE SAMPLES

BLUE POINT LAUNDRY SITE

SAMPLE IDENTIFICATION DATE OF COLLECTION DURATION FACTOR UNITS	BP-GW-1 03/13/04 1.0 ug/L	BP-GW-2 03/30/04 1.0 ug/L	BP-GW-3 02/13/04 1.0 ug/L	BP-SB-GW-9 02/13/04 1.0 ug/L	Contract/Required Detection Limits ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
Volatiles Organics						
Benzene	3 J	U	U	13	10	1 ST
Ethylbenzene	9 J	U	U	10	10	5 ST
Total Xylenes	U	U	U	35	10	5 ST
Semivolatile Organics						
Naphthalene	2 J	U	U	31	10	10 GV
Metals						
Iron	6,180	595	2,280	NA	4.0	300 ST
Sodium	24,200	8380	14800	NA	46	20,000 ST

QUALIFIERS:

U: Compound analyzed for but not detected
 B: Compound concentration is less than the CRDL
 but greater than the IDL.
 NA: Not Analyzed

NOTES:

ST: Standard

GV: Guidance Value

 Indicates value exceeds NYSDEC Class GA Standard or Guidance Value.

petroleum products and these sample locations were both located in the area of Tank 8 where petroleum contamination was identified in soil samples collected above the water table.

No pesticides or herbicides were detected in any of the groundwater probe samples in which these parameters were analyzed (GW-1, GW-2 and GW-3).

The SCGs for iron and iron plus manganese were exceeded in GW-1, GW-2 and GW-3. GW-1 also contained sodium at a concentrations exceeding the SCG.

4.6.2 Vertical Profile Borings

Analytical results for compounds that exceed SCGs in the groundwater samples collected from the two vertical profile borings are summarized in Table 4-5. Tables summarizing the complete vertical profile sample results are included in Appendix C. Laboratory data sheets for these samples are included in Appendix D.

Only one sample collected from the vertical profile borings contained VOCs at concentrations exceeding SCGs. These VOCs were tetrachloroethene and isopropylbenzene in the shallowest sample from VP-2 (16 to 20 feet), which was located south of Stoddard Solvent tanks (Tanks 5 and 6). No other VOCs and no SVOCs were detected at concentrations exceeding SCGs in any of the vertical profile groundwater samples.

4.6.3 Monitoring Well Samples

Analytical results for compounds that exceed SCGs in the monitoring well groundwater samples are summarized in Table 4-6. Tables summarizing the complete monitoring well sample results are included in Appendix C. Laboratory data sheets for these samples are included in Appendix D.

TABLE 4-5

CONSTITUENTS EXCEEDING SCGs in VERTICAL PROFILE GROUNDWATER SAMPLES
VOLATILE ORGANIC COMPOUNDS

BLUE POINT LAUNDRY SITE

SAMPLE IDENTIFICATION SAMPLE DEPTH DATE OF COLLECTION DILUTION FACTOR UNITS	BP-GW-VB-2 16-20 03/29/04 1:0 ug/L	Contract Required Detection Limits ug/L	NYSDEC Class/GA Standard or Guidance Value ug/L
Tetrachloroethene	44	10	5 ST
Isopropylbenzene	11	10	5 ST

NOTES:

ST: Standard

: Result exceeds NYSDEC Class GA Standard or Guidance Value

TABLE 4-6

CONSTITUENTS EXCEEDING SCGs in MONITORING WELL SAMPLES

BLUE POINT LAUNDRY SITE

SAMPLE IDENTIFICATION	BP-4 13-18 04/06/04 1:0 ug/L	BP-6 13-18 04/06/04 1:0 ug/L	BP-MW-1 10-20 04/06/04 1:0 ug/L	Contract Required Detection Limit ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
Volatiles Organics					
Trichloroethene	22	U	U	10	5 ST
Ethylbenzene	32	U	U	10	5 ST
Total Xylenes	310	U	U	10	5 ST
Isopropylbenzene	40	U	U	10	5 ST
Semivolatile Organics					
Naphthalene	18	U	U	10	10 GV
Metals					
Manganese	78	3 B	1,170	2	300 ST
Sodium	22,800	13,000	12,800	10	20,000 ST

QUALIFIER:

U: Compound analyzed for but not detected

B: Concentration is less than the CRDL but greater than the IDL.

NOTES:

GV: Guidance Value

ST: Standard

 Result exceeds NYSDEC Class GA Standard or Guidance Value

Four VOCs, trichloroethene, ethylbenzene, total xylenes and isopropylbenzene, were detected at concentrations exceeding SCGs in monitoring well BP-4. This well also contained the SVOC naphthalene at a concentration above its SCG. No other VOCs or SVOCs were detected at concentrations exceeding SCGs in the other monitoring well samples.

No pesticides, herbicides or PCBs were detected in any of the monitoring well samples at concentrations exceeding SCGs. Newly-constructed well MW-1 contained manganese at a concentration exceeding the SCG and the SCG for sodium was exceeded in the sample from BP-4.

4.7 Data Usability Summary Report

Soil vapor, surface soil, subsurface soil, sediment and groundwater samples were collected in February, March and April 2004 in support of the Expanded Site Investigation at the Blue Point Laundry site. The soil vapor samples were analyzed for volatile organic compounds (VOCs). The surface soil samples were analyzed for Target Compound List (TCL) semivolatile organic compounds (SVOCs), TCL pesticides, herbicides, Target Analyte List (TAL) metals and cyanide. The subsurface soil, sediment and groundwater samples were analyzed for TCL VOCs, TCL SVOCs, TCL pesticides, PCBs, herbicides and/or TAL Metals and cyanide depending on sample location.

Sample analysis was performed by Mitkem Corporation, a subcontractor to D&B, in accordance with NYSDEC 6/00 Analytical Services Protocol (ASP) requirements. The herbicide analyses were subcontracted by Mitkem to STL Pittsburgh. Both laboratories are approved by the New York State Department of Health Environmental Laboratory Approval Program (ELAP) for the analyses performed.

The data packages submitted by Mitkem have been reviewed for contract and method compliance and completeness to determine the usability of the sample results. The findings of the review process are summarized below.

Several of the samples that were to be analyzed for TCL pesticides were also analyzed for PCBs since the NYSDEC ASP includes PCBs on the compound list for TCL pesticides. The results for the PCB analysis have been included on the data summary tables.

All sample analyses were performed within the method specified holding times.

The surface soil samples were initially collected on February 6, 2004, with additional sample volume being collected for herbicide analysis on February 11, 2004.

Quality Assurance/Quality Control (QA/QC) samples (matrix spikes/matrix spike duplicates (MS/MSDs)) were collected at a frequency of 1 per 20 samples for soil/sediment and groundwater samples. QA/QC samples were not collected for soil vapor samples. Qualification of the data based on the recoveries of the MS/MSDs was not required. Trip blanks were provided with all shipments of water samples.

The SVOC fraction of sample SB-S-8 (2-4) was analyzed with a 1:10 dilution due to the sample matrix and the high levels of non-targeted hydrocarbons present. Since a more concentrated sample was not run, low levels of targeted compounds may have been masked by the dilution.

Di-n-butylphthalate and bis-(2-ethylhexyl)phthalate were detected in several of the SVOC method blanks. The results of the samples associated with these blanks have been qualified as non-detect due to blank contamination and are qualified as "U*" on the data summary tables.

According to the work plan for the site investigation, sediment sample SD-1 was to be analyzed for PCBs. However, due to bottle breakage during shipment, there was insufficient volume to analyze the sample for PCBs. All other planned analyses were performed on this sample.

Several of the SVOC samples had internal standard area counts outside of QC limits. Since reanalysis of these samples yielded similar results, no further action was required.

No other concerns were found with the sample results and all results are deemed usable for environmental assessment purposes as qualified above.

Section 3



5.0 HUMAN HEALTH EXPOSURE ASSESSMENT

The purpose of this section is to qualitatively evaluate the potential risks to human health associated with the chemical contamination identified at the Blue Point Laundry Site. Risks are evaluated based on the site environmental setting and information on the nature and extent of contamination that was presented in previous sections of this report. The relevant environmental information is discussed in the context of current and potential human contact with contaminants of concern at potential locations where human exposure could occur without any remedial measures undertaken to mitigate contact with contaminants.

As with any risk assessment, this assessment is not intended to predict disease outcome. The purpose of this exposure assessment is to determine how and when an individual might be exposed to contaminants of potential concern associated with the site. A contaminant of potential concern (COPC) is any chemical detected in a medium that could produce adverse health effects under the right conditions of dose and exposure. For exposure to occur, there must be a complete “pathway of exposure” where a person can come into contact with COPCs. For a pathway to be complete, there must be: 1) a source or medium containing the COPC; 2) a location where human contact could take place (i.e., an exposure point); and 3) a feasible means for the COPC to enter the person’s body. The person who could come into contact with the COPC at an exposure point is called a “receptor.” The ways in which the COPC can enter the body are called “routes of exposure.” Ingestion (by mouth), dermal (contact with skin) and inhalation (breathing into the lungs) are the routes of exposure considered in this and other human health exposure assessments. Consistent with the NYSDOH and other regulatory agencies, this assessment considers both current and potential future exposures.

Consistent with the presentation of the environmental data in Section 4.0, the exposure assessment is presented by medium of interest.

5.1 Soil Vapor

Five soil vapor samples were collected during this investigation (see Figure 3-1 for sample locations). Since only one compound (m,p xylene) was detected at a trace concentration in only one of the samples, this exposure pathway is not currently complete. However, the presence of VOCs and SVOCs in soil and groundwater south of the former laundry building may result in future potential exposure should a building be constructed in this area.

5.2 Surface Soil

Twelve surface soil samples were collected at the site (see Figure 3-1). No herbicide concentrations exceeded standards, criteria or guidelines (SCGs) in these samples. However, there were several semivolatile organic compounds, all of which are probable carcinogenic polycyclic aromatic hydrocarbons (CaPAHs), and one pesticide that was detected in a few samples at concentrations in excess of SCGs in each surface soil sample. In addition, all 12 surface soil samples contained one or more metals at concentrations exceeding SCGs.

Currently, the site is completely fenced except for the southern boundary along the Long Island Rail Road (LIRR). Trespassers can access the site from the LIRR right-of-way or by scaling the fence along Park Street. The existing contamination in surface soil therefore represents a potential exposure to trespassers by dermal contact or ingestion. Future construction workers, site workers and site users could also be exposed to surface soils on-site. The primary routes of exposure for these receptors would be ingestion and dermal contact. Inhalation of dust would also be a potential pathway in areas of the site that remain undeveloped or during future construction activities.

5.3 Subsurface Soil

Twenty-nine subsurface soil samples were collected from test pits, test trenches and soil borings. The locations of these samples are shown on Figure 3-1.

Two of the subsurface soil samples contained VOCs at levels exceeding SCGs. SCGs for PAHs were exceeded in nine of the 28 subsurface soil samples analyzed for SVOCs. Metals were detected at concentrations above SCGs in 19 of the 28 subsurface soil samples analyzed for metals.

Due to the inaccessibility of the subsurface soil contamination, assuming proper construction controls, it is unlikely that trespassers or future site workers and users would be exposed to impacted subsurface soils. The contamination detected at the site represents a potential exposure to future construction workers (ingestion, dermal contact and inhalation routes) unless proper health and safety precautions are taken. In addition, the identified contamination may represent a potential exposure to off-site receptors (inhalation route) through vapors or dust released during construction activities unless proper health and safety precautions are taken during construction, including the proper disposal/use of excavated materials.

5.4 Sediment

Two sediment samples were collected from storm water collection structures at the site (see Figure 3-1 for locations). Both contained PAHs and metals at concentrations exceeding SCGs. Due to the inaccessibility of the detected contamination, it is unlikely that the contaminated sediments represent a current or potential exposure pathway for trespassers or future site workers or users. As a result, the sediment contamination represents a potential exposure to future construction workers (ingestion, dermal contact and inhalation routes) unless proper health and safety precautions are taken. In addition, the identified contamination may represent a potential exposure to off-site receptors (inhalation route) through dust generated during construction activities unless proper health and safety precautions are taken during construction.

5.5 Groundwater

Groundwater is slightly contaminated with VOCs in the central-southern portion of the site. The extent of groundwater contamination has not been determined.

There is no current human exposure to contaminated groundwater. Public water is provided in the area of the site and there were no noted discharges of contaminated groundwater at the site. Since there is public water in the area of the site, it is extremely unlikely that groundwater at the site would ever be utilized for potable purposes or any other purpose, including irrigation water. However, should a private well be constructed downgradient of the site, an exposure pathway could be completed.

Although there is no current or future exposure to groundwater anticipated, the potential for groundwater exposure exists as a result of construction. Construction workers engaged in subsurface activities could be exposed via dermal contact and inhalation routes to contaminants in groundwater, however, proper health and safety precautions could be taken during construction to mitigate this exposure.

5.6 Air

Exposure to COPCs released to air from either groundwater (volatilization) or soil (volatilization and emission of particulates) is a consideration. There is a potential for inhalation exposure to VOCs released from both soil and groundwater. However, VOC readings measured in ambient air during the field investigation were not significantly above background levels and only a trace concentration of one VOC was detected in the soil vapor samples. These results indicate that these potential exposures are minimal.

5.7 Conclusion

The only current potentially complete pathway for human exposure associated with contamination at the Blue Point Laundry Site is exposure of trespassers to impacted surface soil at the site.

There are organic and inorganic COPCs present in all media sampled at the site and in particular in surface soil essentially throughout the site, in two sediment samples, and in subsurface soil and groundwater in the vicinity of a former underground fuel oil tank. The

following exposure pathways involving COPCs are currently not complete, but could *potentially* become complete for the following receptors if remediation measures are not implemented:

On-site Workers Engaged in Future Construction

- Ingestion, dermal contact and inhalation exposure to VOCs, PAHs and metals in surface soil, subsurface soil and sediment, including inhalation exposure from fugitive dust.

Future On-site Trespassers

- Ingestion, dermal contact or inhalation exposure to PAHs and metals in surface soil.
- Inhalation exposure to VOCs, PAHs and metals released as fugitive dust from open subsurface construction.

Future Site Workers or Site Users

- Inhalation of vapors migrating into buildings from impacted soil and groundwater.
- Ingestion, dermal contact or inhalation exposure to PAHs and metals in surface soil.
- Inhalation exposure to VOCs, PAHs and metals released as fugitive dust from open subsurface construction.

Nearby Residents

- Inhalation exposure to VOCs, PAHs and metals released as fugitive dust from open subsurface construction.
- Ingestion and inhalation exposure to impacted groundwater migrating from the site.

Section 6

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6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

As part of the Expanded Site Investigation conducted at the Blue Point Laundry site, a geophysical survey was conducted and soil vapor, surface soil, subsurface soil, sediment and groundwater samples were collected for laboratory analysis. Based on the results of these activities, the following conclusions are made:

- The results of the geophysical survey indicated no evidence that any of the underground storage tanks that were previously identified at the site are currently present.
- The soil vapor results do not indicate the presence of contamination beneath the foundations of the former buildings at the site.
- Surface soil in the northern portion of the property (samples SS-03 and SS-04) has been slightly impacted by polycyclic aromatic hydrocarbons (PAHs). The PAHs detected in these samples are benzo(a) pyrene and dibenzo(a,h)anthracene.
- Surface soil in the vicinity of the former underground fuel oil tank (Tank 8), as indicated by sample SS-10, has been more significantly impacted by PAHs, likely due to residual petroleum.
- Surface soil in the southeastern portion of the site (sample location SS-12) contains one pesticide and ten metals at concentrations exceeding standards, criteria and guidelines (SCGs). Since this location is a topographically low area of the site, it is likely that the identified contamination may be the result of run-off from other areas of the property or from the LIRR right of way.
- Surface soil across the site contains metals at concentrations exceeding SCGs. At all locations except SS-04, SS-09, SS-10 and SS-12, the elevated concentrations are for metals that are not very toxic (copper, iron, nickel and zinc). In addition, these concentrations may represent background concentrations. As described above, the samples in which more toxic metals were detected (SS-04, SS-09, SS-10 and SS-12), other parameters (PAHs or pesticides) were also detected at concentrations exceeding SCGs.
- Exposure to surface soil is currently limited to trespassers at the site, although future exposures could potentially exist for construction workers, site workers and site users if mitigation measures are not undertaken.

- Subsurface soil in the western former parking area, as indicated by sample SB-S-3, contained one PAH (benzo(a)pyrene) at a concentration exceeding the SCG. This detection may represent asphalt that was inadvertently included in the sample matrix.
- Subsurface soil in the vicinity of Tank 8 has been significantly impacted by VOCs and PAHs, for the most part likely due to residual petroleum from the former underground fuel oil tank. The extent of the contaminated soil has not been completely delineated.
- Each of the two sediment samples contained PAHs at concentrations exceeding SCGs, likely due to historic site activities. Elevated concentrations of metals, including iron and zinc in sample SD-1 and copper, iron, mercury and zinc in sample SD-2, were also detected.
- Potential exposure to impacted subsurface soil and sediment is likely limited to future construction workers.
- Groundwater in the area around and downgradient of the former fuel oil tank (Tank 8) contains petroleum-related compounds (benzene, ethylbenzene, xylenes and/or naphthalene) at concentrations exceeding SCGs. The likely source of these parameters is the petroleum contamination identified in subsurface soil in the vicinity of Tank 8.
- Shallow groundwater in the area located downgradient of the eastern former Stoddard Solvent tanks (Tanks 5 and 6) contained several VOCs (tetrachloroethene, trichloroethene, ethylbenzene, xylenes and isopropylbenzene) and the PAH naphthalene at concentrations exceeding SCGs. Since none of these compounds were detected in any of the groundwater samples collected along the northern/upgradient property boundary, it is likely that the source of these VOCs is the area of Tanks 5 and 6, even though no records of chlorinated solvent use at the site were identified.
- Potential exposure to impacted groundwater is limited to future construction workers.

6.2 Recommendations

- If the future use of the site is residential (including parkland), remediation in the area of surface soil samples SS-03 and SS-04 is recommended due to the presence of PAHs and mercury at concentrations exceeding SCGs. Similarly, remediation is recommended in the area of surface soil sample SS-12 due to the elevated concentrations of metals and one pesticide. Remediation of these areas will prevent exposure of future construction workers, site workers and site users to the detected contamination. Surface soil remediation could include removal of contaminated soil and replacement with clean soil, or isolation of the contaminated soil, such as by asphalt, to eliminate potential exposures.

- Remediation of subsurface soil in the vicinity of Tank 8 is recommended due to the significant concentrations of VOCs and PAHs detected in this area. In addition, the open spill number (No. 91-08441) associated with Tank 8 should be closed.
- Remediation of contaminated sediment in the storm water collection structures sampled during this investigation and those previously sampled by the SCDHS should be conducted due to the elevated concentrations of PAHs and metals detected in these samples.
- Since redevelopment of the site will likely require demolition of the existing foundations and significant regrading of the site, the soil remediation program should be incorporated into the redevelopment plan for the site.
- If isolation of contaminated soils is conducted, then a site management plan should be prepared to ensure that the engineering controls are maintained and that impacted soils exposed or excavated due to site construction are handled properly, including off-site disposal if necessary.
- Due to the limited groundwater contamination identified at and immediately downgradient of the site, as well as the availability of public water in the area, groundwater remediation is not recommended.

Appendix A

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APPENDIX A

GEOPHYSICAL SURVEY REPORT

**GEOPHYSICAL SURVEY
BLUE POINT LAUNDRY SITE
BLUE POINT, SUFFOLK COUNTY
NEW YORK**

NYSDEC SITE No. 1-52-186

Prepared for:

Dvirka and Bartilucci, Inc.
330 Crossways Park Drive
Woodbury, New York 11797-2015

Prepared by:

Hager-Richter Geoscience, Inc.
8 Industrial Way - D10
Salem, New Hampshire 03079

File 03D43
March, 2004

HAGER-RICHTER GEOSCIENCE, INC.

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March 15, 2004

File 03D43

Kenneth P. Wenz, CPG
Senior Geologist
Dvirka and Bartilucci Consulting Engineers
330 Crossways Park Drive
Woodbury, New York 11797-2015

RE: Geophysical Survey
Blue Point Laundry Site
Blue Point, Suffolk County, New York
NYSDEC Site No. 1-52-186

Dear Mr. Wenz:

In this letter, we report the results of a geophysical survey conducted by Hager-Richter Geoscience, Inc. at a site designated as the Blue Point Laundry Site located in Blue Point, Suffolk County, New York for Dvirka and Bartilucci Consulting Engineers (D&B) in February, 2004. The scope of the project and area of interest were specified by D&B. The geophysical survey is part of an environmental investigation of the site by D&B for the New York State Department of Environmental Conservation.

INTRODUCTION

The Blue Point Laundry site is currently a vacant lot located in a residential section of Blue Point. The approximately 2-acre site was formerly occupied by a dry cleaning business. The general location of the Site is shown in Figure 1. The site is elongate with the longer sides bordered by Park Street (shown by another name on Figure 1) and the Long Island Rail Road. The buildings were razed, and concrete foundations related to the former buildings remain at the site. Figure 2 is a site sketch provided by D&B showing former site features.

The site is terraced in steps downward toward the northeast with about 15 feet of total relief across the property. Figure 2 indicates approximate locations of six USTs, ranging from about 500-1000 gallons to 10,000 gallons, located outside the former buildings and two septic systems, located on the front and rear sides of the former laundry building.

D&B was interested in determining whether USTs are present and, if possible, the locations of the former septic systems. D&B specified the area of interest for the geophysical survey as the accessible formerly exterior portions of the site.

OBJECTIVES

The objectives of the geophysical survey were to detect possible USTs and, if possible, former septic systems in the accessible portions of the specified area of interest, and if detected, to locate them.

THE SURVEY

James Coffman, P.G., and Alexis Martinez of Hager-Richter's Orange, New Jersey office conducted the field operations on February 5, 6, and 9, 2004. The project was coordinated with Mr. Kenneth Wenz of D&B. Mr. Steven Tauss of D&B was present at the site and specified the area of interest for the survey.

The geophysical survey was conducted using three geophysical methods specified by D&B: electromagnetic induction terrain conductivity (EM), magnetics, and ground penetrating radar (GPR). The geophysical survey was primarily designed to detect metal USTs and metal-containing components of septic systems. The EM and magnetics methods were used to search for buried metal. The EM method was also used to search for areas of anomalous apparent conductivity that could be related to septic systems. The GPR was focused in areas of selected EM and/or magnetic anomalies after preliminary processing of the data.

EQUIPMENT AND PROCEDURES

EM. The EM survey was conducted using a Geonics EM31 electromagnetic induction terrain conductivity meter in the vertical dipole mode. In this configuration, the conductivity of the subsurface is sampled to a nominal depth of about 18 feet. EM31 data were acquired at approximately 2½-foot intervals along lines spaced 10 feet apart. The 12-foot long boom of the EM31 was oriented perpendicular to the traverse lines where possible.

Apparent conductivity data are useful for detecting the presence of anomalously conductive ground, which might be caused by the presence of objects with properties unlike those of the natural materials on site, such as contaminated soils and leachate. The in-phase component data, on the other hand, are *only* used to interpret the presence of metal objects. Where the metal objects are relatively small, the instrument must be located within a few feet of the objects in order to detect them.

Magnetics. The magnetic survey was conducted using a Geometrics Model G858-G Cesium Vapor Magnetometer. The G858-G uses two sensors with a vertical separation of 2.5 feet. In this configuration, the total magnetic field and the vertical magnetic gradient were both measured. The G858-G can record data at 0.1 second cycle rates with a 0.05 gamma sensitivity. The manufacturer states that the G858-G can detect metal drums at a depth of about 20 feet. Data were acquired along survey lines spaced at 10-foot intervals with data stations spaced at about 1-foot intervals.

Magnetic data are most commonly presented as contour maps. The total magnetic field data are contoured using the top sensor magnetic values. Gradiometer data are processed by subtracting the top sensor value from the bottom sensor value and dividing by the distance between the sensors.

Total magnetic field signatures caused by one or more buried metal objects commonly consist of paired positive and negative anomalies, with the positive anomaly located slightly south of the mass and the negative anomaly located slightly toward the north. The width and amplitude of an anomaly are functions of the mass of the object and its distance from the magnetometer sensor.

Vertical magnetic gradient data, also commonly called gradiometer data, can be used to interpret the relative depth of burial of metal objects. In general, a ferrous metal object located near the ground surface produces a much greater magnetic effect at the lower sensor than at the upper sensor. The result is a relatively large vertical magnetic gradient. If a magnetic object is deeply buried, the magnetic field measured by both sensors is nearly the same, and the vertical gradient is relatively small. Therefore, steep vertical magnetic gradients indicate the presence of near-surface metallic objects.

GPR. The GPR survey was conducted using a Sensors & Software Smart Cart Noggin Plus digital subsurface imaging radar system. The system includes a survey wheel that triggers the recording of the data at fixed intervals, thereby increasing the accuracy of the locations of features detected along the survey lines. The GPR system was used with a 250 MHz antenna and a 75 nsec time window for the lower elevations at the site and a 100 nsec time window for the upper elevations.

LIMITATIONS OF THE METHODS

HAGER-RICHTER GEOSCIENCE, INC. MAKES NO GUARANTEE THAT ALL POTENTIAL TARGETS WERE DETECTED IN THIS SURVEY. HAGER-RICHTER GEOSCIENCE, INC. IS NOT RESPONSIBLE FOR DETECTING POTENTIAL TARGETS THAT CANNOT BE DETECTED BY THE METHODS EMPLOYED OR BE BECAUSE OF SITE CONDITIONS.

EM. As with any of the electrical geophysical methods, EM31 terrain conductivity data are subject to interference from such cultural features as buildings, fencing, and underground and overhead power lines. Thus, for certain sensitive geologic applications, the use of the terrain conductivity method in urban settings might be inappropriate.

The terrain conductivity meter instrument response varies with the orientation of the dipoles. In the horizontal dipole mode (coils vertical and co-planar), the instrument is more sensitive to near-surface conductive layers than it is in the vertical dipole mode (coils horizontal and co-planar). In the horizontal dipole mode, the high sensitivity to near-surface conductivity might mask the effects of changes at depth.

Magnetics. The data recorded in magnetic surveys are affected by *all* ferrous metal objects. In particular, steel objects above ground, such as trailers, fences, and buildings, can so influence the magnetic field that the effects of buried metal objects, if any, at the same location are "masked." Thus, where magnetic anomalies can be attributed to surface objects, the presence or absence of buried metal objects cannot be determined from the magnetic data alone.

Detection and identification should be clearly differentiated. Detection is the recognition of the presence of a magnetic object, and the magnetic method is excellent for such purposes. Identification, on the other hand, is determination of the nature of the causative body (i.e., what is the body -- a cache of drums, UST, automobile, white goods, etc.), and the magnetic method cannot identify the buried metal object.

GPR. There are limitations of the GPR technique as used to detect and/or locate targets such as those of the objectives of this survey: (1) surface conditions, (2) electrical conductivity of the ground, (3) contrast of the electrical properties of the target and the surrounding soil, and (4) spacing of the traverses. Of these restrictions, only the last is controllable by us.

The condition of the ground surface can affect the quality of the GPR data and the depth of penetration of the GPR signal. Sites covered with snow piles, high grass, bushes, landscape structures, debris, obstacles, soil mounds, etc. limit the survey access and the coupling of the GPR antenna with the ground. In many cases, the GPR signal will not penetrate below concrete pavement, especially inside buildings, and a target may not be detectable. The GPR method also commonly does not provide useful data under canopies found at some facilities.

The electrical conductivity of the ground determines the attenuation of the GPR signals, and thereby limits the maximum depth of exploration. For example, the GPR signal does not penetrate clay-rich soils, and targets buried in clay might not be detected.

A definite contrast in the electrical conductivities of the surrounding ground and the target material is required to obtain a reflection of the GPR signal. If the contrast is too small then the reflection may be too weak to recognize, possibly due to deeply corroded metal in the target, the target can be missed.

Spacing of the traverses is limited by access at many sites, but where flexibility of traverse spacing is possible, the spacing is adjusted to the size of the target.

RESULTS

The results of the geophysical survey at the Blue Point Laundry Site are presented in Figures 3 - 7. The geophysical survey was conducted using three geophysical methods: EM, magnetics, and GPR, and was primarily designed to detect metal USTs and metal-containing components of septic systems. Data for the EM and magnetics methods were acquired along lines spaced 10 feet apart across the accessible portions of the specified area of interest. Figures 3 - 6 are color contour plots of the EM and magnetics data, respectively. The GPR method was focused at the locations of selected EM anomalies, and the locations of the GPR traverses are shown in Figure 7. Figure 7 shows the integrated interpretation for all of the geophysical data.

EM. The results of the EM survey at the Blue Point Laundry site are presented as color contour plots of the apparent conductivity and the in-phase component in Figures 3 and 4, respectively. Measured background apparent conductivity values at the site (Figure 3) are between approximately 0 and 10 mmho/m for the southwestern two-thirds of the site, typical values for unsaturated soils for much of Long Island. Areas of elevated apparent conductivity occur near a fence along the street-side edge of the property and in a broad region in the northeastern, topographically lower end of the site. The elevated apparent conductivity along the fence may be due to the metal in the fence, but we note that one of the two septic systems was expected to be located in the narrow area between the former laundry building and the street. The elevated apparent conductivity at the northeastern end of the site could be due to the effects of a significantly shallower water table at the lower elevation. Anomalous low (negative) values of apparent conductivity fringing the concrete pads at the former locations of buildings are attributed to the effects of metal in the concrete pads.

The background values for the in-phase component (Figure 4) vary from approximately -2 to 4 ppt. Metal objects, whether buried or above ground, generally produce anomalously high or low in-phase component values. An examination of Figure 4 shows relatively few areas of anomalously high or low in-phase component values not associated with the concrete pads at the site. There do not appear to be anomalous in-phase component values at the approximate locations of USTs shown on Figure 2, but a few areas of elevated in-phase component values occur in the

approximate vicinity of the septic systems shown on Figure 2.

Magnetics. The results of the magnetic survey at the Blue Point Laundry site are presented as color contour plots of the total magnetic field and the vertical magnetic gradient in Figures 5 and 6, respectively. Figure 5 shows the total magnetic field data measured by the top sensor of the magnetometer contoured relative to 52,700 gammas. Total magnetic field data indicate the presence of ferrous metal, and Figure 5 exhibits a few broad positive anomalies in the southeastern portion of the site, near the former boiler room and between the former laundry building and garage. The locations of ferrous metal objects are more finely delineated in the vertical magnetic gradient data (Figure 6), which exhibit scattered small anomalies suggestive of the presence of scattered magnetic debris in the subsurface. One would expect that USTs, if present at the Blue Point Laundry site, would exhibit high amplitude magnetic anomalies at the locations of the USTs and, as with the EM results, magnetic anomalies indicative of USTs or septic tanks do not occur at the approximate locations of the USTs shown on Figure 2.

GPR. The GPR survey at the Blue Point Laundry site was conducted at locations shown in Figure 7. The GPR survey locations were selected primarily on the basis of preliminary processing of the in-phase component EM data. Some of the GPR survey areas are located partially on concrete slabs that were part of the foundations for former buildings on site. GPR signal penetration is estimated to have been approximately 3-4 feet. The GPR records for areas outside the concrete pads contain reflections indicative of the presence of scattered small unidentified subsurface objects, but do not contain reflections typical for large objects such as USTs or septic tanks. Two somewhat larger possible subsurface objects were detected by the GPR under the southern corner of the concrete slab at the location of the former laundry building. The objects do not appear to be large enough to be USTs, but could possibly be related to piping associated with the former septic system.

Integrated Interpretation. Figure 7 shows the integrated interpretation of the geophysical results at the Blue Point Laundry site. For completeness, areas of elevated apparent conductivity and the locations of negative apparent conductivity anomalies attributed to the effects of the former building foundations are outlined in purple and blue hatching, respectively. Also shown are areas of buried ferrous metal detected by the magnetic survey, and the locations of objects detected by the GPR survey. None of the objects detected by the geophysical survey has a signature that would be expected for a UST or structures associated with septic systems.

CONCLUSIONS

On the basis of the geophysical survey conducted in the accessible areas that had been exterior to the former buildings at the Blue Point Laundry site in Blue Point, New York, we conclude:

- Metal USTs and metal-containing septic system components do not appear to be present within the effective depth of investigation of the various methods used. Whether metal USTs or metal-containing septic system components are present at locations not included in the survey or at depths greater than the effective depth of investigation of the various methods used cannot be determined.
- Scattered metal debris and small unidentified objects are present at the site.

LIMITATIONS

This letter report was prepared for the exclusive use of Dvirka and Bartilucci, Inc. (Client). No other party shall be entitled to rely on this Report or any information, documents, records, data, interpretations, advice or opinions given to Client by Hager-Richter Geoscience, Inc. (H-R) in the performance of its work. The Report relates solely to the specific project for which H-R has been retained and shall not be used or relied upon by Client or any third party for any variation or extension of this project, any other project or any other purpose without the express written permission of H-R. Any unpermitted use by Client or any third party shall be at Client's or such third party's own risk and without any liability to H-R.

H-R has used reasonable care, skill, competence and judgment in the performance of its services for this project consistent with professional standards for those providing similar services at the same time, in the same locale, and under like circumstances. Unless otherwise stated, the work performed by H-R should be understood to be exploratory and interpretational in character and any results, findings or recommendations contained in this Report or resulting from the work proposed may include decisions which are judgmental in nature and not necessarily based solely on pure science or engineering. It should be noted that our conclusions might be modified if subsurface conditions were better delineated with additional subsurface exploration including, but not limited to, test pits, soil borings with collection of soil and water samples, and laboratory testing.

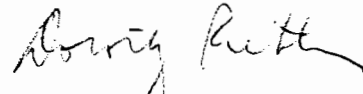
Except as expressly provided in this limitations section, H-R makes no other representation or warranty of any kind whatsoever, oral or written, expressed or implied; and all implied warranties of merchantability and fitness for a particular purpose, are hereby disclaimed.

Geophysical Survey
Blue Point Laundry Site
Blue Point, New York
File 03D43 • March, 2004

HAGER-RICHTER
GEOSCIENCE, INC.

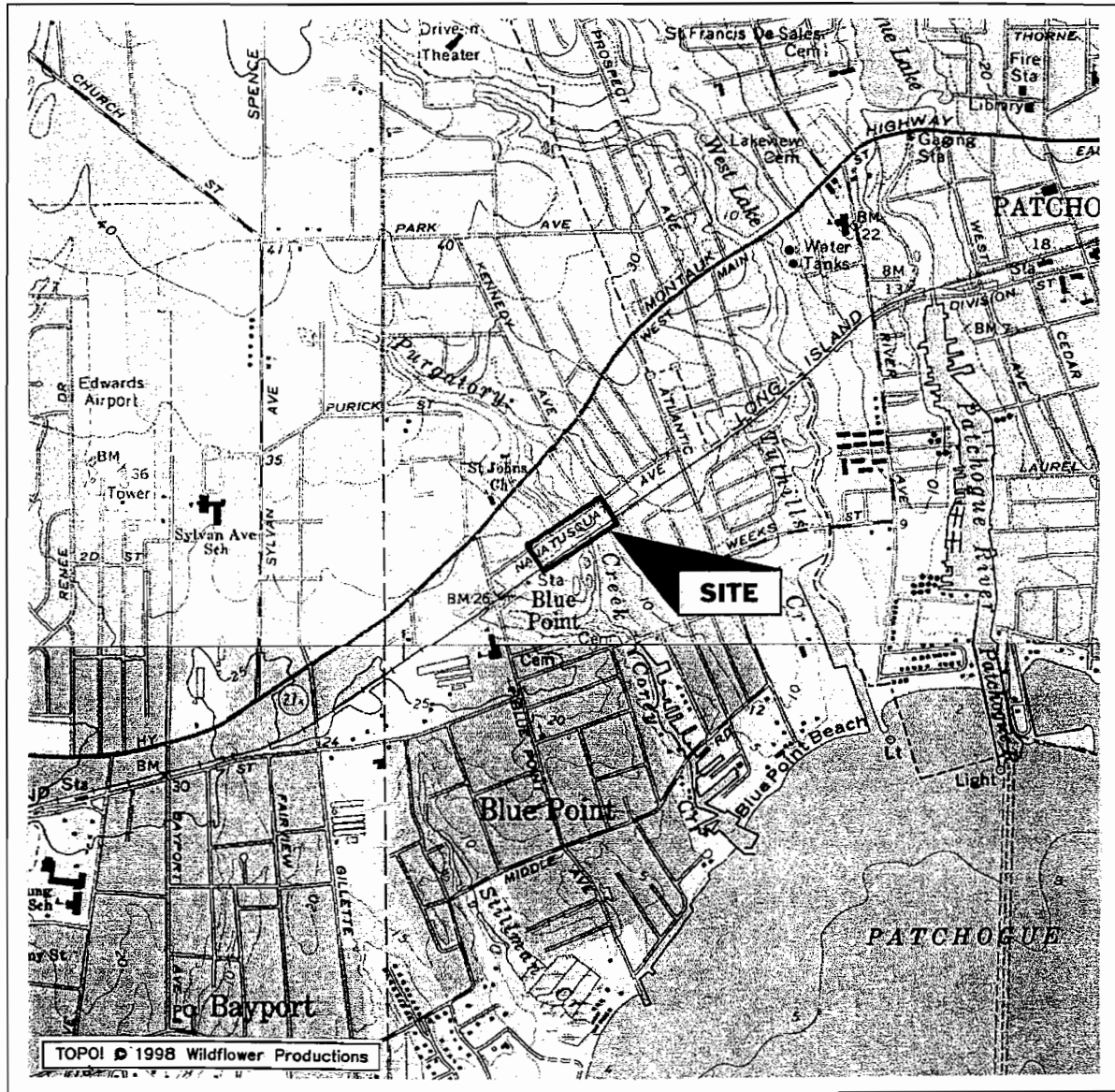
If you have any questions or comments on this letter report, please contact us at your convenience. It has been a pleasure to work with D&B on this project. We look forward to working with you again in the future.

Sincerely yours,
HAGER-RICHTER GEOSCIENCE, INC.



Dorothy Richter, P.G.
President

Attachments: Figures 1 - 7



SCALE (feet)

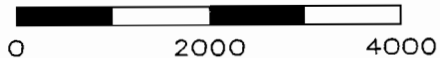


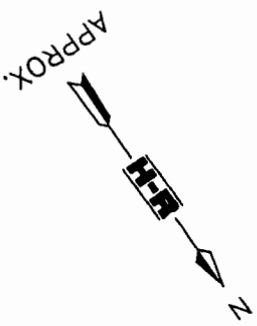
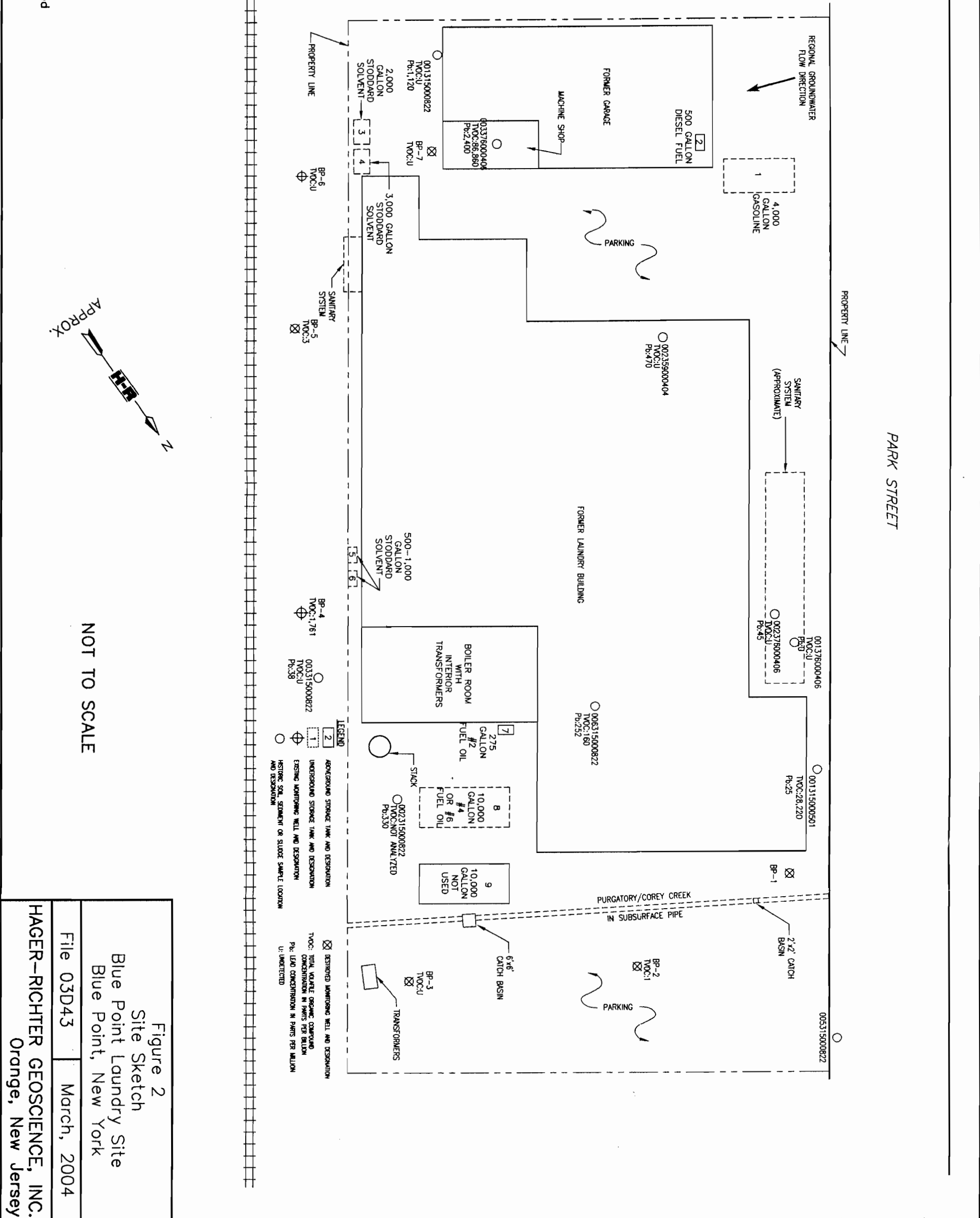
Figure 1
General Site Location
Blue Point Laundry Site
Blue Point, New York

File 03D43

March, 2004

HAGER-RICHTER GEOSCIENCE, INC.
Orange, New Jersey

NOTE:
Site sketch provided by Dvirka and
Bortliucci Consulting Engineers

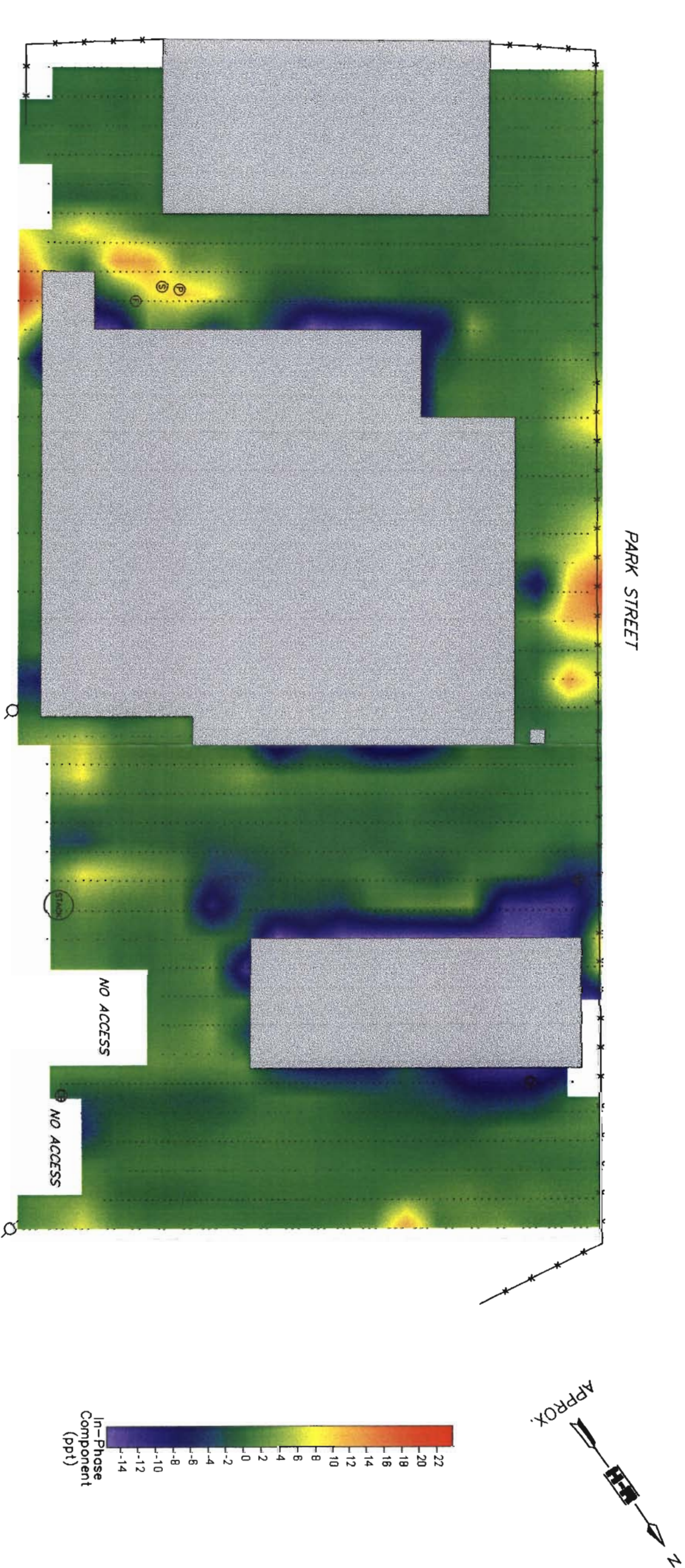


NOT TO SCALE

Figure 2
Site Sketch
Blue Point Laundry Site
Blue Point, New York

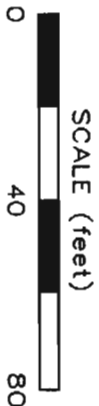
File 03D43	March, 2004

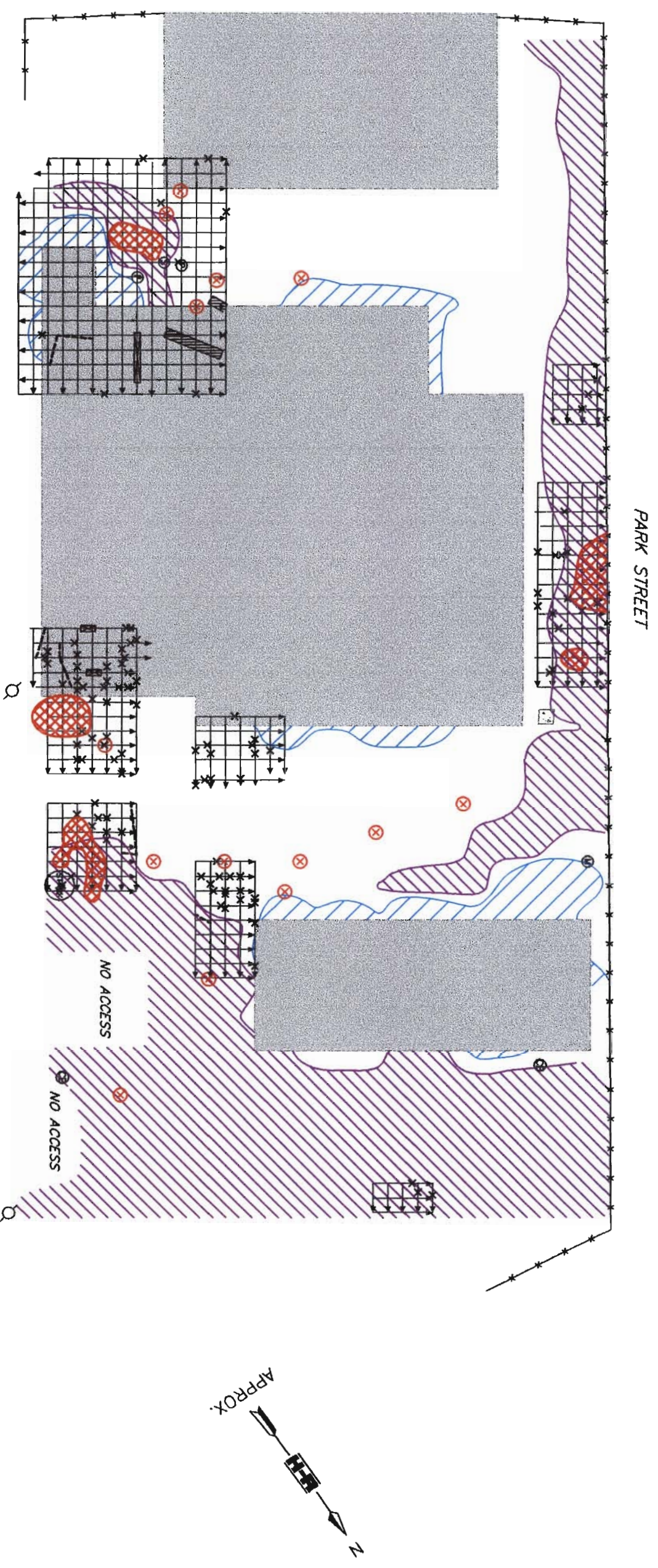
HAGER-RICHTER GEOSCIENCE, INC.
Orange, New Jersey



LEGEND

DATA STATION	⑩	GAS METER
CONCRETE PAD	⑤	SIGN
CATCH BASIN	⑥	STAND PIPE
UTILITY POLE	Q	FENCE
FENCE POST	⊕	RAILROAD TRACKS
- NOTES:
1. Site sketch generated from field notes.
 2. Data were recorded with EM31 in vertical dipole mode with boom perpendicular to traverse line.





LEGEND

	GPR TRAVERSE		POSSIBLE UTILITY		UNIDENTIFIED BURIED METAL OBJECT		GAS METER
	AREA OF BURIED METAL		UNIDENTIFIED BURIED METAL OBJECT		SIGN		STAND PIPE
	AREA OF ELEVATED APPARENT CONDUCTIVITY		UNIDENTIFIED BURIED OBJECT		FENCE		RAILROAD TRACKS
	ANOMALY ATTRIBUTED TO EITHER STEEL REINFORCING IN THE CONCRETE OR BURIED METAL BELOW THE CONCRETE		CONCRETE PAD		CATCH BASIN		UTILITY POLE
	POSSIBLE SEPTIC STRUCTURE		FENCE POST				

NOTE:

Site sketch generated from field notes.

Figure 7

GPR Survey & Integrated Interpretation

Blue Point Laundry Site

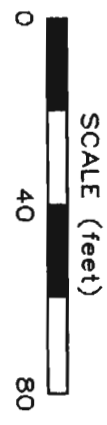
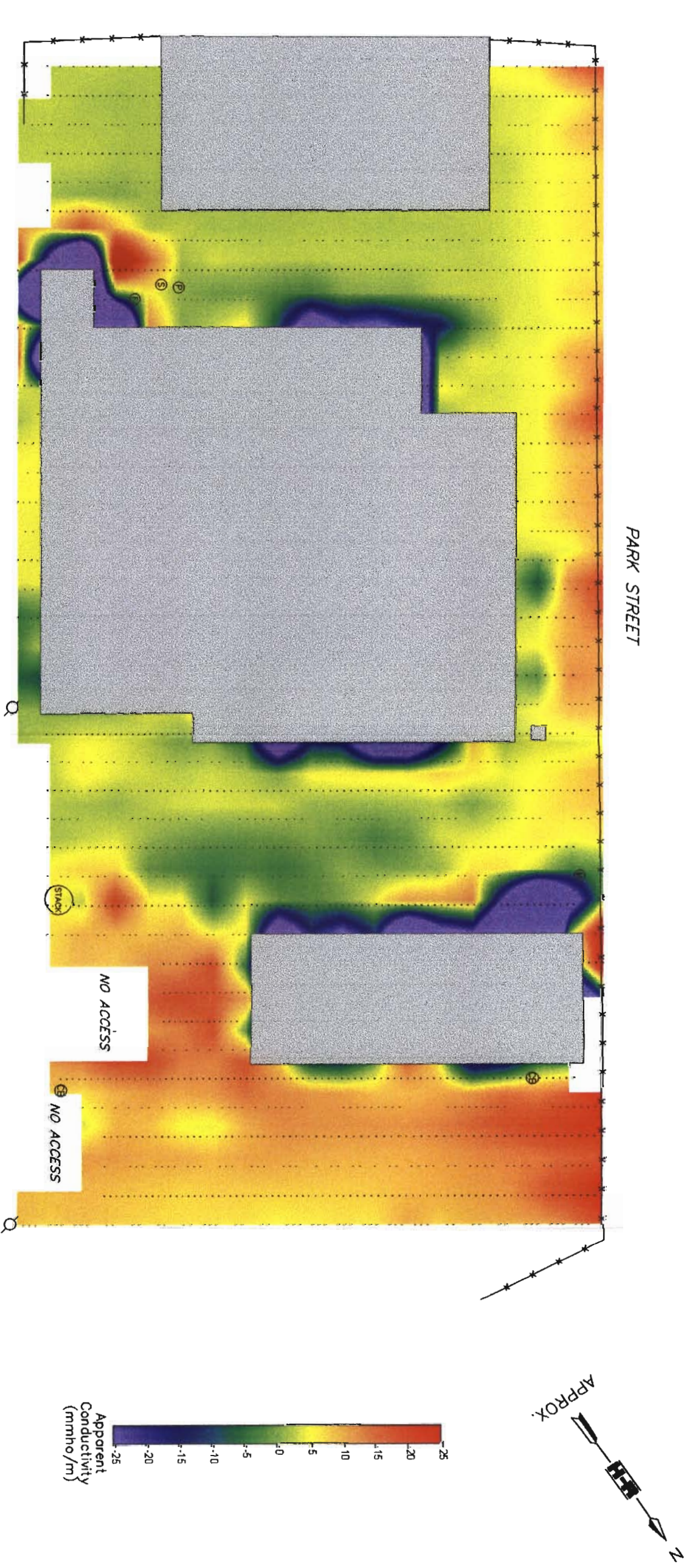
Blue Point, New York

File 03D43

March, 2004

HAGER-RICHTER GEOSCIENCE, INC.

Orange, New Jersey



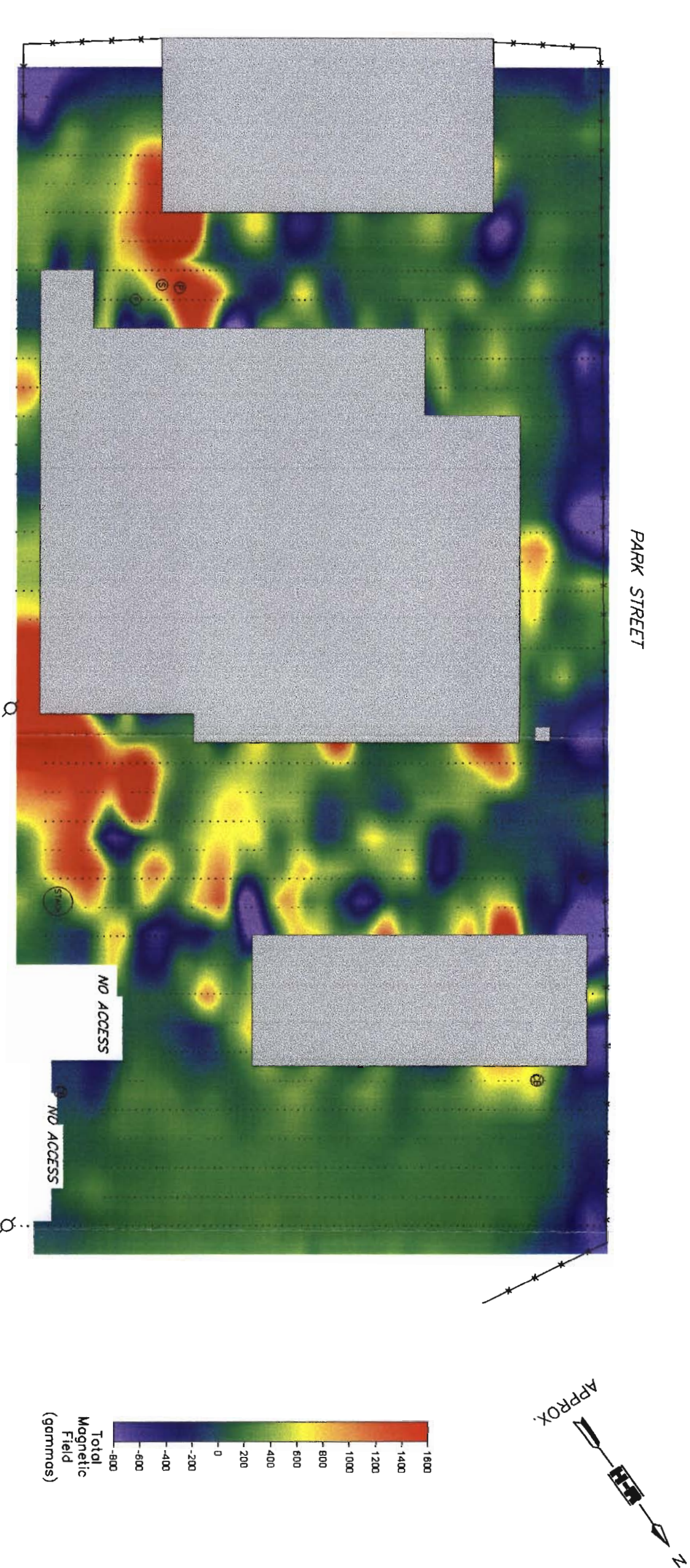
LEGEND

DATA STATION	CONCRETE PAD	CATCH BASIN	UTILITY POLE	FENCE POST	GAS METER	SIGN	STAND PIPE	FENCE	RAILROAD TRACKS
⊙	■	⊕	Q	Ⓢ	Ⓢ	Ⓢ	Ⓢ	—X—	+++++
- NOTES:
1. Site sketch generated from field notes.
 2. Data were recorded with EM31 in vertical dipole mode with boom perpendicular to traverse line.

Figure 3
Apparent Conductivity
Blue Point Laundry Site
Blue Point, New York

File 03D43	March, 2004

HAGER-RICHTER GEOSCIENCE, INC.
Orange, New Jersey

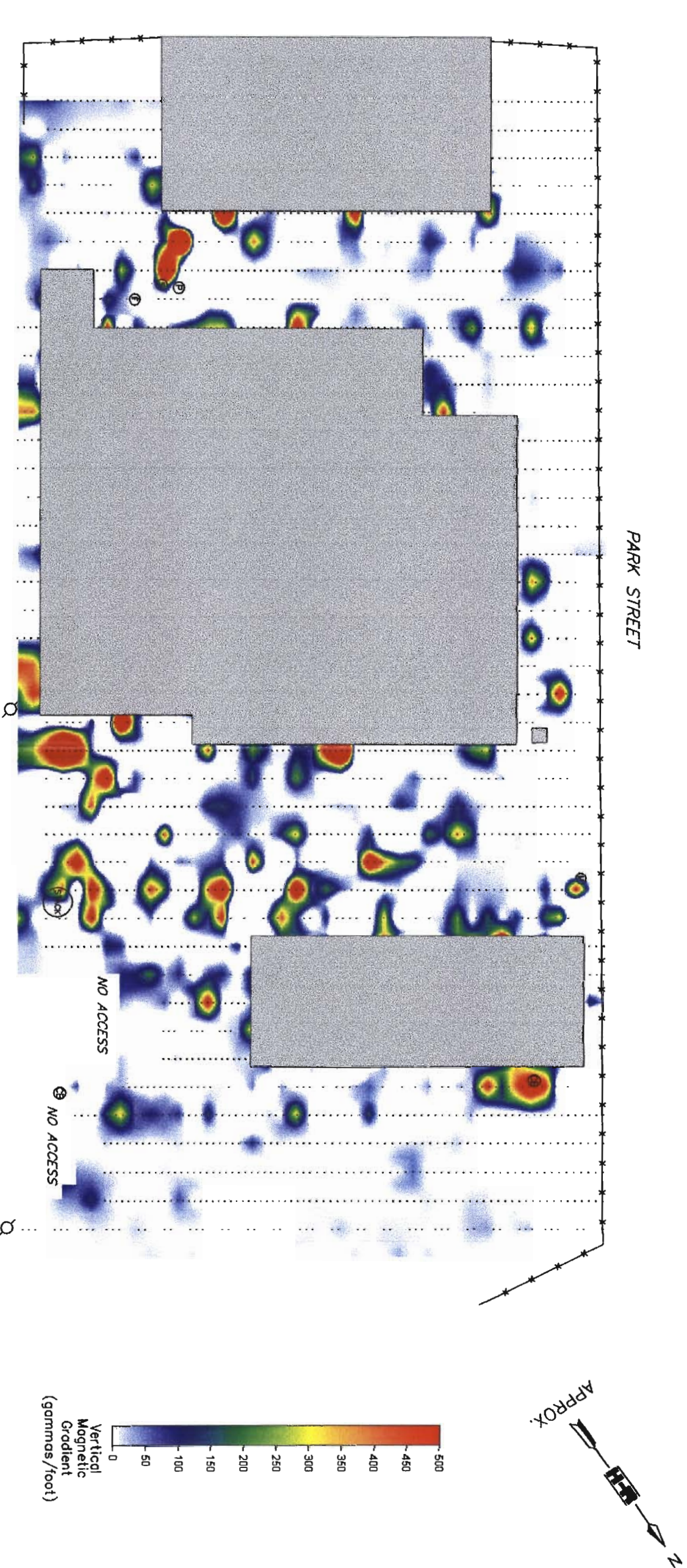


- NOTES:**
1. Site sketch generated from field notes.
 2. Data were recorded with Geometrics G858.
 3. Top sensor data plotted relative to 52,700 gammas.

DATA STATION	DATA STATION	GAS METER
CONCRETE PAD	CONCRETE PAD	SIGN
CATCH BASIN	CATCH BASIN	STAND PIPE
UTILITY POLE	UTILITY POLE	FENCE
FENCE POST	FENCE POST	RAILROAD TRACKS

LEGEND





- NOTES:
1. Site sketch generated from field notes.
 2. Data were recorded with Geometrics G858.

Appendix B

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

APPENDIX B

BORING LOGS AND WELL CONSTRUCTION DIAGRAM





Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-VP-1
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Charlie Green
Drill Rig: F- 350/ Geoprobe
Date Started: 2/12/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 2/12/04

Boring Completion Depth: 24'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0	3'	0-4"	Tanish brown well sorted SAND.	
		0		4"-5"	Black fine to medium GRAVEL.	
		0		5"-2'6"	Brownish black fine to medium SAND; some fine to medium gravel.	
		0		2'6"-3'	Tanish brown fine to medium SAND; some clay; some gravel.	
4-8	GP	0	2'	4'-6'	Tanish brown fine to medium SAND; little fine to medium gravel.	
8-12	GP	0	3'6"	8'-11'6"	Tanish brown fine to medium SAND; little fine to medium gravel.	
12-16	GP	0	3'	12'-14'	Tanish brown fine to medium SAND; little fine to medium gravel.	
		0		14'-15'	Tan fine to medium SAND.	
16-20	GP	0	4'	16'-20'	Tan fine to medium SAND.	
20-24	GP	0	3'6"	20'-23'6"	Brownish tan fine to medium SAND; some fine to medium gravel.	
					Groundwater at 22'.	

Sample Types:
SS = Split Spoon
HA = Hand Auger
GP = Geoprobe Sampler
CC = Concrete Core

NOTES:



Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-VP-2
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Bob Burawa
Drill Rig: F- 350/ Geoprobe
Date Started: 3/29/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 3/29/04

Boring Completion Depth: 16'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0	3'6"	0-4"	Blackish dark brown tan fine to medium silty, clayey SAND; some fine gravel; woody bits.	
		0		4"-6"	Brownish tan fine to medium SAND and fine GRAVEL.	
		0		6"-3'6"	Brownish black fine to medium SAND; some fine to medium gravel; some silt.	
4-8	GP	0	3'	4'-7'	Brown fine to medium SAND; some fine gravel; little woody bits.	
8-12	GP	0	2'6"	8'-8'-4'	Brown fine to medium SAND; some fine gravel.	
		0		8'4"-9'	Black fine to medium SAND and fine GRAVEL.	
		1.2		9'-10'6"	Tan fine to medium SAND and fine GRAVEL.	
12-16	GP	6.2	2'	12'-12'2"	Tan fine to medium SAND and fine GRAVEL.	
		6.2		12'2"-12'4"	Brown fine to medium SAND; trace fine gravel.	
		50		12'4"-12'6"	Blackish brown fine to medium SAND; some fine to medium gravel.	
		120		12'6"-13'	Tan fine to medium SAND; some fine gravel.	
		315		13'-14'	Blackish tan fine to medium SAND; little fine gravel; strong sulfur odor.	
					Groundwater at 13'6".	

Sample Types:
SS = Split Spoon
HA = Hand Auger
GP = Geoprobe Sampler
CC = Concrete Core

NOTES:



Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-S-1
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Charlie Green
Drill Rig: F- 350/ Geoprobe
Date Started: 2/10/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 2/10/04

Boring Completion Depth: 20'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0	4'	0-2"	Blackish brown well sorted silty SAND and fine GRAVEL; some roots, leaves and woody bits.	
		0		2"-4'	Tan fine to medium SAND; little fine gravel.	
4-8	GP	0	3'	4'-7'	Brownish tan medium SAND; some fine gravel.	
8-12	GP	0	4'	8'-9' 6"	Brownish tan medium SAND; trace fine gravel.	
		0		9' 6"-11' 6"	Tan to light brown fine to medium SAND; trace fine gravel.	
		0		11' 6"-12'	Brownish tan medium to course SAND.	
12-16	GP	0	4'	12'-13'	Brownish tan medium to course SAND.	
		0		13'-16'	Light tan medium SAND; trace fine gravel.	
16-20	GP	0	4'	16'-18' 6"	Light brownish to light tan fine to medium SAND; some fine gravel.	
		0		18' 6"-20'	Tan to light brown fine to medium SAND; some fine gravel.	
					Groundwater at 19' 6".	

Sample Types:
SS = Split Spoon
HA = Hand Auger
GP = Geoprobe Sampler
CC = Concrete Core

NOTES:



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CONSULTING ENGINEERS

Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-S-2
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Charlie Green
Drill Rig: F- 350/ Geoprobe
Date Started: 2/10/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 2/10/04

Boring Completion Depth: 20'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0	3'	0-3"	Brownish tan well sorted SAND; some fine to medium gravel.	
		0		3"-3'	Light brown to tan fine to medium SAND and fine GRAVEL. Several black fine to medium GRAVEL laminations, each 1" thick, at 1' 6", 2' and 2' 6".	
4-8	GP	0	3'	4'-7'	Light brown fine to medium SAND; trace fine gravel.	
8-12	GP	0	4'	8'-9'	Light brown fine to medium SAND; trace fine gravel.	
		0		9'	Blackish dark brown fine to medium SAND layer.	
		0		9'- 10'	Tan fine to medium SAND.	
		0		10'	Orange brown fine to medium SAND layer.	
		0		10'-11'	Tan fine to medium SAND.	
		0		11'-11' 6"	Orange brownish tan medium to coarse SAND.	
		0		11' 6"-12'	Tan fine to medium SAND; some fine gravel.	
12-16	GP	0	4'	12'-13'	Orange brownish tan fine SAND; little silt	
		0		13'-16'	Tan fine to medium SAND; some fine gravel.	
16-20	GP	0	4'	16'-18'	Light brownish orangish tan fine to medium SAND.	
		0		18'-20'	Light brownish tan fine to medium SAND and fine GRAVEL.	
					Groundwater at 19' 6".	
Sample Types: SS = Split Spoon HA = Hand Auger GP = Geoprobe Sampler CC = Concrete Core					NOTES:	



Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-S-3
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Charlie Green
Drill Rig: F- 350/ Geoprobe
Date Started: 2/11/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 2/11/04

Boring Completion Depth: 16'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0	2'	0-1"	Dark brownish tan well sorted silty SAND; some fine gravel; roots and woody bits.	
		0		1"-1'	Tan medium SAND; trace fine GRAVEL.	
		0		1'-1' 6"	Reddish white medium GRAVEL and brick bits.	
		0		1' 6"-2'	Blackish brown well sorted clayey, silty fine to medium SAND; glass, plastic bits and roots.	
4-8	GP	0	4'	4'-6' 6"	Whitish gray fine to medium SAND and fine to medium GRAVEL.	
		0		6' 6"	Black fine to medium silty SAND layer.	
		0		6' 6"-6' 9"	Tan fine to medium SAND.	
		0		6' 9"-8'	Brownish tan fine to medium SAND; some fine gravel.	
8-12	GP	0	3'	8'-11'	Tan fine to medium SAND; some fine gravel; some glass bits.	
12-16	GP	0	4'	12'-13'	Tanish brown fine to medium SAND; some fine gravel; some glass bits.	
		0		13'- 13' 4"	Dark brown fine to medium SAND and fine to medium GRAVEL; some glass bits.	
		0		13' 4"-16'	Tan fine to medium SAND; some fine to medium gravel.	
		0			Groundwater at 16'.	

Sample Types:
SS = Split Spoon
HA = Hand Auger
GP = Geoprobe Sampler
CC = Concrete Core

NOTES:



Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-S-4
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Charlie Green
Drill Rig: F- 350/ Geoprobe
Date Started: 2/11/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 2/11/04

Boring Completion Depth: 12'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0	3'	0-10"	Tan well sorted SAND; some fine gravel.	
		0		10"	Styrofoam layer.	
		0		10"-1'	Brown fine to medium silty SAND; some clay.	
		0		1'-1' 4"	Tan fine to medium SAND; some fine gravel.	
		0		1' 4"-3'	Tanish brown fine to medium SAND; some fine to medium gravel.	
4-8	GP	0	3'	4'-7'	Tanish brown fine to medium SAND; some fine to medium gravel.	
8-12	GP	0	3' 6"	8'-11' 6"	Brownish tan fine to medium SAND; some fine to medium gravel. Groundwater at 11' 6".	

Sample Types:
SS = Split Spoon
HA = Hand Auger
GP = Geoprobe Sampler
CC = Concrete Core

NOTES:



Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-S-5
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Charlie Green
Drill Rig: F- 350/ Geoprobe
Date Started: 2/11/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 2/11/04

Boring Completion Depth: 12'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0 0 0	3'	0-2" 2"-1' 1'-2'	Brownish tan well sorted SAND and fine to medium GRAVEL. Brown silty fine to medium SAND; some clay; little gravel. Blackish brown fine to medium silty SAND; little medium gravel.	
4-8	GP	0	3'	2'-3'	Tan fine to medium SAND; some fine to medium gravel.	
8-12	GP	0	3'	4'-7' 8'-11'	Tan fine to medium SAND; some fine to medium gravel. Tan fine to medium SAND; little fine gravel. Groundwater at 11'.	

Sample Types:
 SS = Split Spoon
 HA = Hand Auger
 GP = Geoprobe Sampler
 CC = Concrete Core

NOTES:



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CONSULTING ENGINEERS

Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-S-6
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Charlie Green
Drill Rig: F- 350/ Geoprobe
Date Started: 2/12/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 2/12/04

Boring Completion Depth: 4'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0	3'	0-1'	Blackish brown well sorted silty SAND and fine to medium GRAVEL.	
		0		1'-1' 6"	Tan to gray medium SAND; little fine to medium gravel.	
		0		1' 6"-2'	Blackish brown medium silty SAND; some fine gravel.	
		0		2'-2' 8"	Blackish brown fine to medium silty SAND and woody bits; some clay.	
		0		2' 8"-3'	Tan fine to medium SAND; some fine to medium gravel. Groundwater at 2' 6".	

Sample Types:
SS = Split Spoon
HA = Hand Auger
GP = Geoprobe Sampler
CC = Concrete Core

NOTES:



Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-S-7
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Charlie Green
Drill Rig: F- 350/ Geoprobe
Date Started: 2/12/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 2/12/04

Boring Completion Depth: 8'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0	3'	0-2"	Blackish tan well sorted SAND and fine GRAVEL; roots and woody bits.	
		0		2"-3"	Concrete.	
		0		3"-1'	Blackish brown clayey fine to medium silty SAND and fine to medium GRAVEL; some glass bits.	
		0		1'-1' 2"	Black angular fine to medium GRAVEL and clayey, silty fine to medium SAND.	
		0		1' 2"-2' 6"	Blackish brown clayey, silty fine to medium SAND.	
		0		2' 6"-3'	Woody bits; some silty, clayey fine to medium sand.	
4-8	GP	0	2'	4'-4' 6"	Black clayey, silty fine to medium SAND; some fine to medium gravel; some woody bits.	
		0		4' 6"-6'	Tan fine to medium SAND; some fine to medium gravel. Groundwater at 4' 6".	

Sample Types:
SS = Split Spoon
HA = Hand Auger
GP = Geoprobe Sampler
CC = Concrete Core

NOTES:

 Dvirka and Bartilucci CONSULTING ENGINEERS				Project No.: 2150 Project Name: Blue Point Laundry		Boring No.: BP-SB-S-8 Sheet <u>1</u> of <u>1</u> . By: Stephen Tauss	
Drilling Contractor: Zebra Driller: Charlie Green Drill Rig: F- 350/ Geoprobe Date Started: 2/12/04				Geologist: Stephen Tauss Drilling Method: Direct push Drive Hammer Weight: --- Date Completed: 2/12/04		Boring Completion Depth: 4' Ground Surface Elevation: --- Boring Diameter: 2 inch	
Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS	
	Type	PID (ppm)	Rec. (feet)				
0-4	GP	0	4'	0-6"	Blackish tan fine to medium silty SAND and fine to medium GRAVEL; some woody bits.		
		0		6"-1' 6"	Blackish brown fine to medium SAND and fine GRAVEL; some glass bits.		
		0		1' 6"	Orange reddish tan CLAY layer.		
		0		1' 6"-1' 8"	Blackish brown angular slag fragments; fuel oil staining and odor.		
		0		1' 8"-2'	Dark gray CLAY.		
		0		2'-2' 6"	Black thick tar and medium GRAVEL; fuel oil staining and strong odor.		
		0		2' 6"-4'	Black fine to medium SAND and fine GRAVEL: soaked in fuel oil.		
					Groundwater at 4'.		
Sample Types: SS = Split Spoon HA = Hand Auger GP = Geoprobe Sampler CC = Concrete Core				NOTES: Depth of groundwater estimated due to fuel oil soaking. Possible PID malfunction.			



Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-S-9
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Charlie Green
Drill Rig: F- 350/ Geoprobe
Date Started: 2/13/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 2/13/04

Boring Completion Depth: 8'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0 51.2	3'	0-1' 1'-3'	Brown well sorted SAND and fine GRAVEL. Black fine to medium SAND; some fine gravel; fuel oil stained; strong fuel oil odor.	
4-8	GP	40 68	2'	4'-4' 6" 4' 6"-6'	Black CLAY; fuel oil stained. Black fine to medium SAND; some fine gravel; fuel oil soaked. Groundwater at 6'.	

Sample Types:
SS = Split Spoon
HA = Hand Auger
GP = Geoprobe Sampler
CC = Concrete Core

NOTES: Depth of groundwater estimated due to fuel oil soaking.

 Dvirka and Bartilucci CONSULTING ENGINEERS				Project No.: 2150 Project Name: Blue Point Laundry		Boring No.: BP-SB-S-10 Sheet <u>1</u> of <u>1</u> . By: Stephen Tauss	
Drilling Contractor: Zebra Driller: Charlie Green Drill Rig: F- 350/ Geoprobe Date Started: 2/13/04				Geologist: Stephen Tauss Drilling Method: Direct push Drive Hammer Weight: --- Date Completed: 2/13/04		Boring Completion Depth: 8' Ground Surface Elevation: --- Boring Diameter: 2 inch	
Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS	
	Type	PID (ppm)	Rec. (feet)				
0-4	GP	0	3' 6"	0-4"	Black well sorted silty SAND and fine to medium GRAVEL. Black fine silty SAND. Brownish black fine to medium clayey SAND; some fine gravel; strong fuel oil odor. Black fine to medium SAND; some clay; little fine gravel; fuel oil soaked; strong fuel oil odor. Black fine to medium SAND; some fine to medium gravel; fuel oil soaked. Groundwater at 6'.		
		0		4"-1'			
		50		1'-1' 6"			
		82		1' 6"-3' 6"			
4-8	GP	85	3'	4'-7'			
Sample Types: SS = Split Spoon HA = Hand Auger GP = Geoprobe Sampler CC = Concrete Core					NOTES: Depth of groundwater estimated due to fuel oil soaking.		



Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-S-11
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Charlie Green
Drill Rig: F- 350/ Geoprobe
Date Started: 2/13/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 2/13/04

Boring Completion Depth: 16'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0	4'	0-1'	Blackish brown well sorted SAND; some fine to medium gravel; some silt.	
		0		1'-4'	Brownish black well sorted SAND; some fine to medium gravel.	
4-8	GP	0	4'	4'-8'	Tan fine to medium SAND; little fine gravel.	
8-12	GP	0	4'	8'-12'	Tan fine to medium SAND; some fine to medium gravel.	
12-16	GP	0	4'	12'-14'	Brownish tan fine to medium SAND; some fine gravel.	
		0		14'-16'	Tan fine to medium SAND; some fine to medium gravel. Groundwater at 14'.	

Sample Types:
SS = Split Spoon
HA = Hand Auger
GP = Geoprobe Sampler
CC = Concrete Core

NOTES:



Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-S-12
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Bob Burawa
Drill Rig: F- 350/ Geoprobe
Date Started: 3/29/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 3/29/04

Boring Completion Depth: 20'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0	2'	0-1'	Brownish tan fine to medium SAND; trace fine gravel; some silt.	
		0		1'-2'	Brownish tan fine to medium SAND and fine gravel.	
4-8	GP	0	4'	4'-6'	Brownish tan fine to medium SAND; some fine to medium gravel; little silt.	
		0		6'-8'	Tan fine to medium SAND; some fine gravel.	
8-12	GP	0	4'	8'-12'	Tan fine to medium SAND; some fine gravel; trace medium gravel.	
12-16	GP	0	4'	12'-16'	Tan fine to medium SAND; some fine gravel; trace medium gravel.	
16-20	GP	0	4'	16'-18'4"	Tan fine to medium SAND; some fine gravel; trace medium gravel.	
		0		18'4"-20'	Tanish brown fine to medium SAND; some fine gravel. Groundwater at 20'.	

Sample Types:
SS = Split Spoon
HA = Hand Auger
GP = Geoprobe Sampler

NOTES:



Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-SB-S-13
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Bob Burawa
Drill Rig: F- 350/ Geoprobe
Date Started: 3/29/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 3/29/04

Boring Completion Depth: 20'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0	2'	0-2'	Brownish tan fine to medium SAND; some fine gravel.	
4-8	GP	0	2'	4'-4'8"	Brownish tan fine to medium SAND; some fine gravel.	
		0		4'8"-5'6"	Brownish blackish tan fine to medium SAND and fine to medium GRAVEL.	
		0		5'6"-6'	Brown fine to medium SAND; some fine gravel.	
8-12	GP	0	3'	8'-8'-6"	Blackish brown fine to medium SAND; some fine to medium gravel.	
		0		8'-6"-11'	Tan fine to medium SAND; little fine gravel.	
12-16	GP	0	4'	12'-13'	Tanish brown fine to medium SAND; little fine gravel.	
		0		13'-13'2"	Blackish brown fine to medium SAND.	
		0		13'2"-16'	Tan fine to medium SAND; trace fine to medium gravel.	
16-20	GP	0	4'	16'-20'	Tan fine to medium SAND; some fine gravel.	
					Groundwater at 20'.	

Sample Types:
SS = Split Spoon
HA = Hand Auger
GP = Geoprobe Sampler
CC = Concrete Core

NOTES:



**Dvirka
and
Bartilucci**
CONSULTING ENGINEERS

Project No.: 2150
Project Name: Blue Point Laundry

Boring No.: BP-MW-1
Sheet 1 **of** 1 .
By: Stephen Tauss

Drilling Contractor: Zebra
Driller: Charlie Green
Drill Rig: F- 350/ Geoprobe
Date Started: 2/13/04

Geologist: Stephen Tauss
Drilling Method: Direct push
Drive Hammer Weight: ---
Date Completed: 2/13/04

Boring Completion Depth: 20'
Ground Surface Elevation: ---
Boring Diameter: 2 inch

Boring Depth (ft.)	Soil Sample			Rec. Depth (ft.)	Sample Description	USCS
	Type	PID (ppm)	Rec. (feet)			
0-4	GP	0	3' 6"	0-4"	Black fine to medium SAND and fine to medium GRAVEL and SLAG.	
		0		4"-8"	Brownish black fine to medium SAND and fine to medium GRAVEL.	
		0		8"-3' 6"	Brown to light tan fine to medium SAND; some fine to medium gravel.	
4-8	GP	0	4'	4'-8'	Brownish tan fine to medium SAND; some fine to medium gravel.	
8-12	GP	0	4'	8'-9'	Brownish tan fine to medium SAND; some fine to medium gravel.	
		0		9'-9' 4"	Blackish brown fine to medium silty SAND.	
		0		9' 4"-12'	Tan fine to medium SAND.	
12-16	GP	0	4'	12'-15' 10"	Tan fine to medium SAND.	
				15' 10"-16'	Tan fine to medium SAND; some fine to medium gravel.	
16-20	GP	0	4'	16'-20'	Groundwater at 14'. Tanish brown fine to medium SAND; some fine to medium gravel.	

Sample Types:
SS = Split Spoon
HA = Hand Auger
GP = Geoprobe Sampler
CC = Concrete Core

NOTES:

Well Construction Log

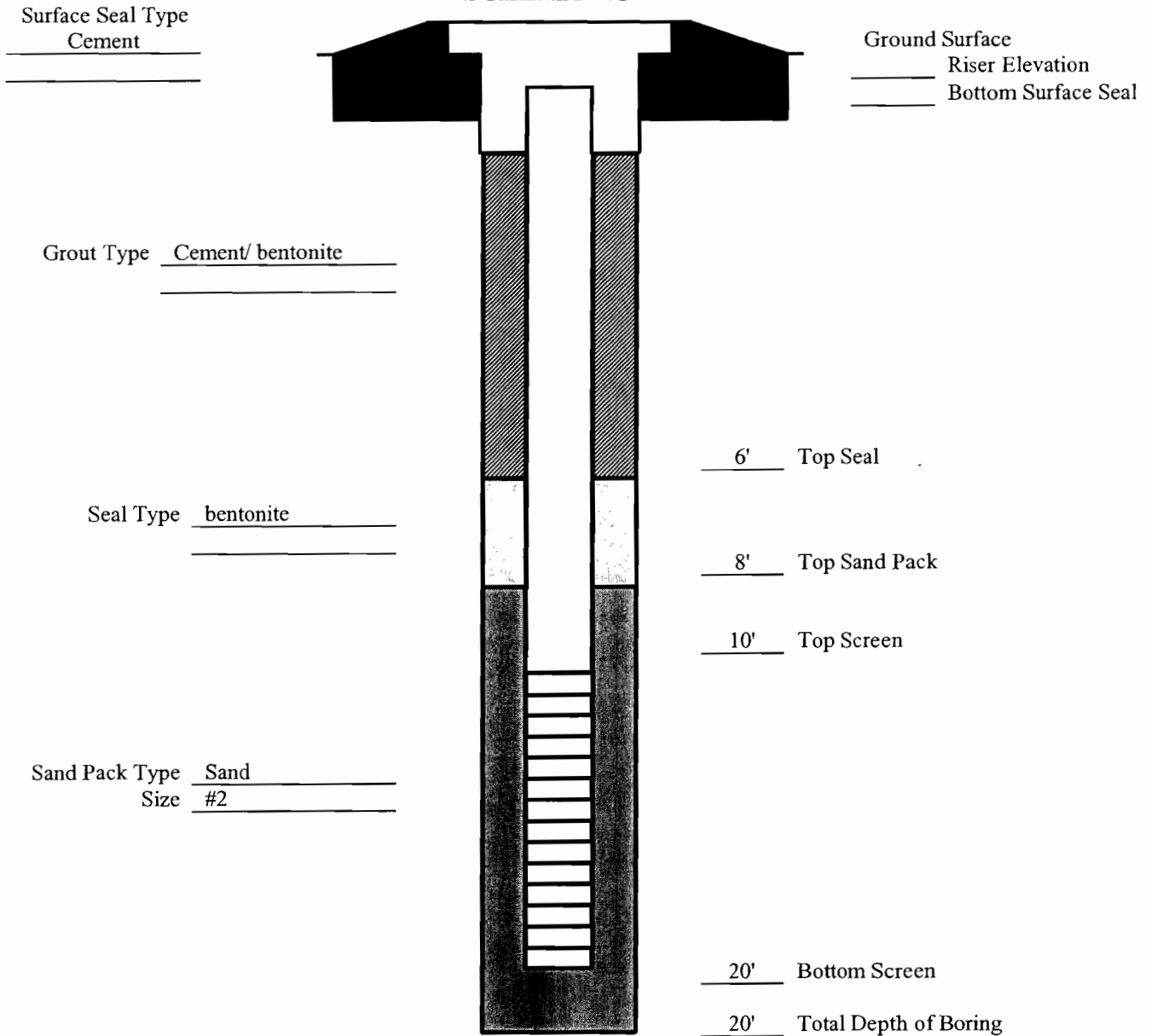
Site Blue Point Laundry Job No. 2150 Well No. BP-MW-1

Total Depth 20' Surface Elevation _____ Top Riser Elevation _____

Water Levels (Depth, Date, Time) 15' 2/13/04 0900 Date Installed 2/13/04

Riser Dia. 1" Material PVC Length 10'
Screen Dia. 1" Material PVC Length 10' Slot Size 10

SCHEMATIC



Appendix C

APPENDIX C

DATA SUMMARY TABLES



TABLE

BLUE POINT LAUNDRY

SURFACE SOIL SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID	BP-SS-01	BP-SS-02	BP-SS-03	BP-SS-04	BP-SS-05	BP-SS-06	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
SAMPLE DEPTH (IN)	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	86.0	86.0	79.0	82.0	91.0	90.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Benzaldehyde	U	U	U	U	U	U	550	---
Phenol	U	U	U	U	U	U	550	30 OR MDL
bis(2-Chloroethyl)ether	U	U	U	U	U	U	550	---
2-Chlorophenol	U	U	U	U	U	U	550	800
2-Methylphenol	U	U	U	U	U	U	550	100 OR MDL
2,2-Oxybis (1-Chloropropane)	U	U	U	U	U	U	550	---
Acetophenone	U	U	U	U	U	U	550	---
4-Methylphenol	U	U	U	U	U	U	550	900
N-Nitroso-di-n-propylamine	U	U	U	U	U	U	550	---
Hexachloroethane	U	U	U	U	U	U	550	---
Nitrobenzene	U	U	U	U	U	U	550	200 OR MDL
Isophorone	U	U	U	U	U	U	550	4,400
2-Nitrophenol	U	U	U	U	U	U	550	330 OR MDL
2,4-Dimethylphenol	U	U	U	U	U	U	550	---
2,4-Dichlorophenol	U	U	U	U	U	U	550	400
Naphthalene	U	54 J	U	U	U	U	550	13,000
4-Chloroaniline	U	U	U	U	U	U	550	220 OR MDL
bis (2-Chloroethoxy) methane	U	U	U	U	U	U	550	---
Hexachlorobutadiene	U	U	U	U	U	U	550	---
Caprolactam	U	U	U	U	U	U	330	---
4-Chloro-3-methylphenol	U	U	U	U	U	U	550	240 OR MDL
2-Methylnaphthalene	U	76 J	U	U	U	U	550	36,400
Hexachlorocyclopentadiene	U	U	U	U	U	U	550	---
2,4,6-Trichlorophenol	U	U	U	U	U	U	1400	---
2,4,5-Trichlorophenol	U	U	U	U	U	U	550	100
1,1-Biphenyl	U	U	U	U	U	U	330	---
2-Chloronaphthalene	U	U	U	U	U	U	1400	---
2-Nitroaniline	U	U	U	U	U	U	550	430 OR MDL
Dimethylphthalate	U	U	U	U	U	U	550	2,000
2,6-Dinitrotoluene	U	U	U	U	U	U	550	1,000
Acenaphthylene	U	U	U	U	U	U	550	41,000
3-Nitroaniline	U	U	U	U	U	U	1400	500 OR MDL
Acenaphthene	U	U	U	U	U	U	550	50,000
2,4-Dinitrophenol	U	U	U	U	U	U	1400	200 OR MDL
4-Nitrophenol	U	U	U	U	U	U	1400	100 OR MDL
Dibenzofuran	U	U	U	U	U	U	550	6,200

TABLE

BLUE POINT LAUNDRY

SURFACE SOIL SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID	BP-SS-01	BP-SS-02	BP-SS-03	BP-SS-04	BP-SS-05	BP-SS-06	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
SAMPLE DEPTH (IN+A27)	0-2	0-2	0-2	0-2	0-2	0-2		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	86.0	86.0	79.0	82.0	91.0	90.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
2,4-Dinitrotoluene	U	U	U	U	U	U	550	---
Diethylphthalate	U	U	U	U	U	U	550	7,100
Fluorene	U	U	U	U	U	U	550	50,000
4-Chlorophenyl-phenylether	U	U	U	U	U	U	550	---
4-Nitroaniline	U	U	U	U	U	U	1400	---
4,6-Dinitro-2-methylphenol	U	U	U	U	U	U	1400	---
N-Nitrosodiphenylamine	U	U	U	U	U	U	550	---
4-Bromophenyl-phenylether	U	U	U	U	U	U	550	---
Hexachlorobenzene	U	U	U	U	U	U	550	410
Atrazine	U	U	U	U	U	U	330	---
Pentachlorophenol	U	U	U	U	U	U	1400	1,000 OR MDL
Phenanthrene	55 J	55 J	61 J	380 J	U	59 J	550	50,000
Anthracene	U	U	U	70 J	U	U	550	50,000
Carbazole	U	U	U	U	U	U	550	---
Di-n-butylphthalate	U	U	61 J	U	U	U	550	8,100
Fluoranthene	U	U	160 J	520	U	U	550	50,000
Pyrene	U	U	130 J	520	38 J	U	550	50,000
Butylbenzylphthalate	U	U	U	U	U	U	550	50,000
3,3'-Dichlorobenzidine	U	U	U	U	U	U	550	---
Benzo (a) anthracene	U	U	62 J	280 J	U	U	550	224 OR MDL
Chrysene	U	U	120 J	330 J	U	U	550	400
bis(2-Ethylhexyl)phthalate	U	56 J	7,300 D	110 J	42 J	U	550	50,000
Di-n-octylphthalate	U	U	U	U	U	U	550	50,000
Benzo(b)fluoranthene	U	U	140 J	290 J	U	U	550	1,100
Benzo(k)fluoranthene	U	U	55 J	110 J	U	U	550	1,100
Benzo(a)pyrene	U	U	79 J	210 J	U	U	550	61 OR MDL
Indeno(1,2,3-cd)pyrene	U	U	74 J	130 J	U	U	550	3,200
Dibenzo(a,h)anthracene	U	U	U	46 J	U	U	550	14 OR MDL
Benzo(g,h,i)perylene	U	U	75 J	93 J	U	U	550	50,000
Total PAHs	0	109	956	2,979	38	59		---
Total Carcinogen PAHs	0	0	530	1,396	0	0		10,000
Total SVOCs	0	241	8,317	3,089	80	59		500,000
Total SVOC TICs	1,240	1,140	1,773	2,228	373	794		500,000

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound found in the method blank as well as the sample

J: Compound found at a concentration below the CRDL, value estimated

D: Result taken from reanalysis at dilution

NOTES:

---: not established

MDL: Method Detection Limit

Indicates value exceeds NYSDEC recommended Soil Cleanup objective

TABLE
BLUE POINT LAUNDRY

SURFACE SOIL SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID	BP-SS-07	BP-SS-08	BP-SS-09	BP-SS-10	BP-SS-11	BP-SS-12	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
SAMPLE DEPTH (IN)	0-2	0-2	0-2	0-2	0-2	0-2		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	85.0	92.0	76.0	76.0	92.0	44.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg		
Benzaldehyde	U	U	U	U	U	U	550	---
Phenol	U	U	U	U	U	U	550	30 OR MDL
bis(2-Chloroethyl)ether	U	U	U	U	U	U	550	---
2-Chlorophenol	U	U	U	U	U	U	550	800
2-Methylphenol	U	U	U	U	U	U	550	100 OR MDL
2,2-Oxybis (1-Chloropropane)	U	U	U	U	U	U	550	---
Acetophenone	U	U	U	1,700	U	U	550	---
4-Methylphenol	U	U	61 J	U	U	U	550	900
N-Nitroso-di-n-propylamine	U	U	U	U	U	U	550	---
Hexachloroethane	U	U	U	U	U	U	550	200 OR MDL
Nitrobenzene	U	U	U	U	U	U	550	4,400
Isophorone	U	U	U	U	U	U	550	330 OR MDL
2-Nitrophenol	U	U	U	U	U	U	550	---
2,4-Dimethylphenol	U	U	U	U	U	U	550	---
2,4-Dichlorophenol	U	U	U	U	U	U	550	400
Naphthalene	U	U	390 J	U	U	230 J	550	13,000
4-Chloroaniline	U	U	U	U	U	U	550	220 OR MDL
bis (2-Chloroethoxy) methane	U	U	U	U	U	U	550	---
Hexachlorobutadiene	U	U	U	U	U	U	550	---
Caprolactam	U	U	U	U	U	U	330	---
4-Chloro-3-methylphenol	U	U	U	U	U	U	550	240 OR MDL
2-Methylnaphthalene	U	U	93 J	U	U	100 J	550	36,400
Hexachlorocyclopentadiene	U	U	U	U	U	U	550	---
2,4,6-Trichlorophenol	U	U	U	U	U	U	1400	---
2,4,5-Trichlorophenol	U	U	U	U	U	U	550	100
1,1-Biphenyl	U	U	U	U	U	U	330	---
2-Chloronaphthalene	U	U	U	U	U	U	1400	---
2-Nitroaniline	U	U	U	U	U	U	550	430 OR MDL
Dimethylphthalate	U	U	U	U	U	U	550	2,000
2,6-Dinitrotoluene	U	U	U	U	U	U	550	1,000
Acenaphthylene	U	U	U	430	U	U	550	41,000
3-Nitroaniline	U	U	U	U	U	U	1400	500 OR MDL
Acenaphthene	U	U	U	U	U	U	550	50,000
2,4-Dinitrophenol	U	U	U	U	U	U	1400	200 OR MDL
4-Nitrophenol	U	U	U	U	U	U	1400	100 OR MDL
Dibenzofuran	U	U	U	47 J	U	U	550	6,200

TABLE

BLUE POINT LAUNDRY

SURFACE SOIL SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID	BP-SS-07	BP-SS-08	BP-SS-09	BP-SS-10	BP-SS-11	BP-SS-12	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
SAMPLE DEPTH (IN)	0-2	0-2	0-2	0-2	0-2	0-2		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	85.0	92.0	76.0	76.0	92.0	44.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
2,4-Dinitrotoluene	U	U	U	U	U	U	550	---
Diethylphthalate	U	U	U	U	U	U	550	7,100
Fluorene	U	U	U	U	U	U	550	50,000
4-Chlorophenyl-phenylether	U	U	U	U	U	U	550	---
4-Nitroaniline	U	U	U	U	U	U	1400	---
4,6-Dinitro-2-methylphenol	U	U	U	U	U	U	1400	---
N-Nitrosodiphenylamine	U	U	U	U	U	U	550	---
4-Bromophenyl-phenylether	U	U	U	U	U	U	550	---
Hexachlorobenzene	U	U	U	U	U	U	550	410
Atrazine	U	U	U	U	U	U	330	---
Pentachlorophenol	U	U	U	U	U	U	1400	1,000 OR MDL
Phenanthrene	U	U	44 J	830	U	120 J	550	50,000
Anthracene	U	U	U	510	U	U	550	50,000
Carbazole	U	U	U	190 J	U	U	550	---
Di-n-butylphthalate	45 J	41 J	130 J	57 J	U	220 J	550	8,100
Fluoranthene	U	U	U	1,200	U	130 J	550	50,000
Pyrene	U	U	U	1,000	U	97 J	550	50,000
Butylbenzylphthalate	47 J	92 J	140 J	U	U	160 J	550	50,000
3,3'-Dichlorobenzidine	U	U	U	U	U	U	550	---
Benzo (a) anthracene	U	U	U	480	U	U	550	224 OR MDL
Chrysene	U	U	51 J	720	U	U	550	400
bis(2-Ethylhexyl)phthalate	91 J	270 J	2,400	6,400 D	U	2,300	550	50,000
Di-n-octylphthalate	U	U	U	4,100 D	U	U	550	50,000
Benzo(b)fluoranthene	U	U	44 J	1,300	U	U	550	1,100
Benzo(k)fluoranthene	U	U	U	510	U	U	550	1,100
Benzo(a)pyrene	U	U	U	880	U	U	550	61 OR MDL
Indeno(1,2,3-cd)pyrene	U	U	U	620	U	U	550	3,200
Dibenzo(a,h)anthracene	U	U	U	220 J	U	U	550	14 OR MDL
Benzo(g,h,i)perylene	U	U	U	520	U	U	550	50,000
Total PAHs	0	0	529	9,220	0	577		---
Total Carcinogen PAHs	0	0	95	4,730	0	0		10,000
Total SVOCs	183	403	3,353	21,714	0	3,357		500,000
Total SVOC TICs	1,147	975	12,760	13,016	740	14,460		500,000

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound found in the method blank as well as the sample

J: Compound found at a concentration below the CRDL, value estimated

D: Result taken from reanalysis at dilution

NOTES:

---: not established

MDL: Method Detection Limit

Indicates value exceeds NYSDEC recommended Soil Clean-up objective

TABLE

BLUE POINT LAUNDRY

SURFACE SOIL SAMPLE RESULTS
PESTICIDES/PCBS

SAMPLE ID	BP-SS-01	BP-SS-02	BP-SS-03	BP-SS-04	BP-SS-05	BP-SS-06	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objective
SAMPLE DEPTH (IN)+A65	0-2	0-2	0-2	0-2	0-2	0-2		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
PERCENT SOLIDS	1.0	1.0	1.0	1.0	1.0	1.0		
DILUTION FACTOR	86.0	86.0	79.0	82.0	91.0	90.0		
UNITS	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)
alpha-BHC	U	U	U	U	U	U	1.5	110
beta-BHC	U	U	U	U	U	U	1.5	200
delta-BHC	U	U	U	U	U	U	1.5	300
gamma-BHC (Lindane)	U	U	U	U	U	U	1.5	60
Heptachlor	U	U	U	U	U	U	1.5	100
Aldrin	U	U	U	U	U	U	1.5	41
Heptachlor epoxide	U	U	U	U	U	U	1.5	20
Endosulfan I	U	U	U	U	U	U	1.5	900
Dieldrin	U	U	U	U	U	U	3.3	44
4,4'-DDE	U	U	U	35	U	4.5 P	3.3	2100
Endrin	U	U	U	U	U	U	3.3	100
Endosulfan II	U	U	U	U	U	U	3.3	900
4,4'-DDD	U	U	U	3.1 JP	U	3.1 JP	3.3	2900
Endosulfan sulfate	U	U	U	U	U	U	3.3	1000
4,4'-DDT	3.2 JP	6.1 P	7 P	40	6.5 P	6.9 P	3.3	2100
Methoxychlor	U	U	U	U	U	U	15	10000*
Endrin ketone	U	U	U	5.2 P	U	U	3.3	----
Endrin aldehyde	U	U	U	U	U	U	3.3	----
alpha-Chlordane	U	U	U	U	U	U	1.5	----
gamma-Chlordane	U	U	2.4	U	U	U	1.5	540.0
Toxaphene	U	U	U	U	U	U	150	----
Atroclor-1016	U	U	U	U	U	U	33	----
Atroclor-1221	U	U	U	U	U	U	66	**
Atroclor-1232	U	U	U	U	U	U	33	**
Atroclor-1242	U	U	U	U	U	U	33	**
Atroclor-1248	U	U	U	U	U	U	33	**
Atroclor-1254	U	U	U	U	U	U	33	**
Atroclor-1260	U	U	U	U	U	U	30	**

QUALIFIERS:

U: Compound analyzed for but not detected.

J: Compound found at a concentration below the detection limit.

P: Difference in measurement for 2 GC columns used under analytical protocol > 25 percent.

D: Result taken from reanalysis at a secondary dilution

NOTES:

----:Not established

*: Applies to total pesticides

**: Comparison criteria is 1,000 ug/kg for surface soils and 10,000 ug/kg for subsurface soils

☐: Result exceeds NYSDEC Recommended Soil Cleanup Objective

TABLE

BLUE POINT LAUNDRY

SURFACE SOIL SAMPLE RESULTS
PESTICIDES/PCBS

SAMPLE ID	BP-SS-07	BP-SS-08	BP-SS-09	BP-SS-10	BP-SS-11	BP-SS-12	LABORATORY QUANTITATION LIMITS (ug/Kg)	NYSDEC Recommended Soil Cleanup Objective (ug/Kg)
SAMPLE DEPTH (IN)	0-21	0-2	0-2	0-2	0-2	0-2		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
PERCENT SOLIDS	1.0	1.0	1.0	1.0	1.0	2.0		
DILUTION FACTOR	85.0	92.0	76.0	76.0	92.0	44.0		
UNITS	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)		
alpha-BHC	U	U	U	U	U	U	1.5	110
beta-BHC	U	1.2 JP	U	U	U	10 P	1.5	200
delta-BHC	U	U	U	U	U	U	1.5	300
gamma-BHC (Lindane)	U	U	U	U	U	U	1.5	60
Heptachlor	U	U	U	U	U	U	1.5	100
Aldrin	U	U	U	U	U	U	1.5	41
Heptachlor epoxide	U	U	U	U	U	U	1.5	20
Endosulfan I	U	U	U	U	U	U	1.5	900
Dieldrin	U	4	37 P	8.2	2.4 JP	310 D	3.3	44
4,4'-DDE	U	2.3 JP	20	U	U	390 D	3.3	2100
Endrin	U	U	U	U	U	U	3.3	100
Endosulfan II	U	U	U	U	U	U	3.3	900
4,4'-DDD	U	2.1 JP	150 D	6.4 P	U	290 D	3.3	2900
Endosulfan sulfate	U	U	0.74 JP	U	U	U	3.3	1000
4,4'-DDT	6.9	29	37 P	55	6.8 P	1900 D	3.3	2100
Methoxychlor	U	U	U	U	U	U	15	10000*
Endrin ketone	U	U	U	12 P	U	U	3.3	----
Endrin aldehyde	U	U	5.7 P	U	U	U	3.3	----
alpha-Chlordane	U	4.4 P	33 P	4.4 P	U	48 P	1.5	----
gamma-Chlordane	U	3.8 P	30 D	U	U	53 P	1.5	540.0
Toxaphene	U	U	U	U	U	U	150	----
Aroclor-1016	U	U	U	U	U	U	33	**
Aroclor-1221	U	U	U	U	U	U	66	**
Aroclor-1232	U	U	U	U	U	U	33	**
Aroclor-1242	U	U	U	U	U	U	33	**
Aroclor-1248	U	U	U	U	U	U	33	**
Aroclor-1254	U	U	U	U	U	U	33	**
Aroclor-1260	U	U	280 P	U	260 P	370 P	30	**

QUALIFIERS:

U: Compound analyzed for but not detected.

J: Compound found at a concentration below the detection limit.

P: Difference in measurement for 2 GC columns used under analytical protocol > 25 percent.

D: Result taken from reanalysis at a secondary dilution

NOTES:

----: Not established

*: Applies to total pesticides

**: Comparison criteria is 1,000 ug/kg for surface soils and 10,000 ug/kg for subsurface soils

☐: Result exceeds NYSDEC Recommended Soil Cleanup Objective

TABLE

BLUE POINT LAUNDRY

SURFACE SOIL SAMPLE RESULTS
HERBICIDES

SAMPLE ID	BP-SS-01	BP-SS-02	BP-SS-03	BP-SS-04	BP-SS-05	BP-SS-06	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objective
SAMPLE DEPTH (IN) A65	0-2	0-2	0-2	0-2	0-2	0-2		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
PERCENT SOLIDS	1.0	1.0	1.0	1.0	1.0	1.0		
DILUTION FACTOR	86.0	86.0	79.0	82.0	91.0	90.0		
UNITS	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)
Dalapon	U	U	U	U	U	U	40	----
Dicamba	U	U	U	U	U	U	40	----
MCP	U	U	U	U	U	U	8000	----
MCPA	U	U	U	U	U	U	8000	----
Dichloroprop	U	U	U	U	U	U	80	----
2,4-D	U	U	U	U	U	U	80	500
2,4,5-TP (Silvex)	U	U	U	U	U	U	20	700
2,4,5-T	U	U	U	U	U	U	20	1900
2,4-DB	U	U	U	U	U	U	80	----
Dinoseb	U	U	U	U	U	U	10	----

QUALIFIERS:

U: Compound analyzed for but not detected.

J: Compound found at a concentration below the detection limit.

NOTES:

----:Not established

TABLE
BLUE POINT LAUNDRY
SURFACE SOIL SAMPLE RESULTS
HERBICIDES

SAMPLE ID	BP-SS-07	BP-SS-08	BP-SS-09	BP-SS-10	BP-SS-11	BP-SS-12	LABORATORY QUANTITATION LIMITS (ug/Kg)	NYSDEC Recommended Soil Cleanup Objective (ug/Kg)
SAMPLE DEPTH (IN)	0-2	0-2	0-2	0-2	0-2	0-2		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
PERCENT SOLIDS	1.0	1.0	1.0	1.0	1.0	2.0		
DILUTION FACTOR	85.0	92.0	76.0	76.0	92.0	44.0		
UNITS	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)		
Dalapon	U	U	U	U	U	U	40	----
Dicamba	U	U	U	U	U	U	40	----
MCP	U	U	U	U	U	U	8000	----
MCPA	U	U	U	4400 J	U	U	8000	----
Dichloroprop	U	U	U	U	U	U	80	----
2,4-D	U	U	U	U	U	U	80	500
2,4,5-TP (Silvex)	U	U	U	U	U	U	20	700
2,4,5-T	U	U	U	U	U	U	20	1900
2,4-DB	U	U	U	U	U	U	80	----
Dinoseb	U	U	U	U	U	U	10	----

QUALIFIERS:

U: Compound analyzed for but not detected.

J: Compound found at a concentration below the detection limit.

NOTES:

----: Not established

TABLE

BLUE POINT LAUNDRY

SURFACE SOIL SAMPLE RESULTS
TARGET ANALYTE LIST (TAL) METALS AND CYANIDE

SAMPLE ID	BP-SS-01	BP-SS-02	BP-SS-03	BP-SS-04	BP-SS-05	BP-SS-06	INSTRUMENT DETECTION LIMITS	NYSDEC Recommended Soil Cleanup Objectives mg/Kg
SAMPLE DEPTH (IN)	0-2	0-2	0-2	0-2	0-2	0-2		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	86.0	86.0	79.0	82.0	91.0	90.0		
UNITS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/l	mg/Kg
Aluminum	3,730	3,690	1,150	6,610	3,870	2,610	17	SB
Antimony	U	U	U	U	U	U	3	SB
Arsenic	2.1 B	6.4	1 B	4.1	1.7 B	2.8	3	7.5 or SB
Barium	15.8 B	68	15.8 B	32.6 B	31.9 B	14 B	4	300 or SB
Beryllium	U	0.073 B	U	U	U	U	0.5	0.16 or SB
Cadmium	0.34 B	0.8 B	0.39 B	0.72 B	0.51 B	0.14 B	0.7	10*
Calcium	432 B	1,350	1,700	856 B	815 B	275 B	240	SB
Chromium	4.6	6	4.6	9.3	4.8	4.1	0.6	50*
Cobalt	0.86 B	2.4 B	0.92 B	1.9 B	0.85 B	0.74 B	0.9	30 or SB
Copper	4.8 B	15.7	10.4	19.7	6.7	7.9	4	25 or SB
Iron	4,190	7,870	3,180	9,950	4,970	5,320	26	2,000 or SB
Lead	15.2	66.5	30.8	93.7	67.6	29.5	4	400
Magnesium	367 B	440 B	1,050 B	856 B	366 B	327 B	8	SB
Manganese	33.5	32.6	44.4	93.2	32.4	31.1	0.8	SB
Mercury	U	U	0.078 B	0.69	U	U	0.1	0.1
Nickel	9.4	14.6	3.6 B	6.7 B	3.9 B	6 B	0.8	13 or SB
Potassium	150 B	149 B	116 B	286 B	162 B	116 B	78	SB
Selenium	U	U	U	U	U	U	9	2 or SB
Silver	U	0.75 B	U	0.48 B	U	U	2	SB
Sodium	33.7 B	105 B	56.7 B	81.1 B	75.3 B	54.7 B	83	SB
Thallium	U	0.82 B	U	0.73 B	U	U	3	SB
Vanadium	17.5	10.5	7.5 B	18.6	14	9.8 B	0.7	150 or SB
Zinc	15.9	66.4	91.2	104	86	14.5	7	20 or SB
Cyanide	U	0.29 B	0.38 B	0.45 B	0.16 B	U	7	----

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound concentration is less than the CRDL

but greater than the IDL.

NOTES:

SB: Site background

----: not established

*: as per proposed 4/95 NYSDEC TAGM

☐ Indicates value exceeds the NYSDEC Recommended Soil Cleanup Objective

TABLE

BLUE POINT LAUNDRY

SURFACE SOIL SAMPLE RESULTS
TARGET ANALYTE LIST (TAL) METALS AND CYANIDE

SAMPLE ID	BP-SS-07	BP-SS-08	BP-SS-09	BP-SS-10	BP-SS-11	BP-SS-12	INSTRUMENT DETECTION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
SAMPLE ID/DEPTH (IN/FT)	0-2	0-2	0-2	0-2	0-2	0-2		
DATE OF COLLECTION	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04	2/4/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	85.0	92.0	76.0	76.0	92.0	44.0		
UNITS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/l	mg/Kg
Aluminum	2,310	2,110	2,710	3,460	1,200	6,640	17	SB
Antimony	U	U	U	U	U	U	3	SB
Arsenic	2.4	3.8	5.2	2.4	5.6	11.6	3	7.5 or SB
Barium	48.1	17.3 B	52.3	194	16.1 B	534	4	300 or SB
Beryllium	0.058 B	U	U	U	U	U	0.5	0.16 or SB
Cadmium	0.16 B	0.23 B	1.2	1.2	2	6.7	0.7	10*
Calcium	4,020	491 B	3,790	19,600	2,160	4,790	240	SB
Chromium	4.9	4.1	13.6	7.5	5.4	106	0.6	50*
Cobalt	0.79 B	1 B	2 B	1.7 B	8.4	6.1 B	0.9	30 or SB
Copper	47	8.3	125	20.6	66	5,290	4	25 or SB
Iron	3,050	3,450	7,020	6,910	55,600	11,700	26	2,000 or SB
Lead	26.3	35.6	99.2	95.6	46.3	708	4	400
Magnesium	1,400	281 B	672 B	1,470	525 B	1,910 B	8	SB
Manganese	119	31	47.9	78.6	271	142	0.8	SB
Mercury	U	U	1.1	0.62	U	4.2	0.1	0.1
Nickel	3.7 B	3.1 B	12.8	8.5	25.5	103	0.8	13 or SB
Potassium	168 B	121 B	186 B	247 B	165 B	397 B	78	SB
Selenium	1.1	U	U	1.2	U	2.2	9	2 or SB
Silver	U	U	0.87 B	0.4 B	1.3 B	29.1	2	SB
Sodium	56.4 B	60.4 B	37.8 B	130 B	49.6 B	452 B	83	SB
Thallium	U	U	0.9 B	U	1.5 B	U	3	SB
Vanadium	11	6.5 B	26.3	19.8	50.6	475	0.7	150 or SB
Zinc	68.6	34.5	176	197	434	1,740	7	20 or SB
Cyanide	0.26 B	0.17 B	U	0.2 B	U	1.8	7	----

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound concentration is less than the CRDL
but greater than the IDL.

NOTES:

SB: Site background

----: not established

*: as per proposed 4/95 NYSDEC TAGM

Indicates value exceeds the NYSDEC Recommended Soil Cleanup Objective

TABLE
BLUE POINT LAUNDRY
SUBSURFACE SOIL SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE ID	BP-SB-S-1	BP-SB-S-2	BP-SB-S-3	BP-SB-S-4	BP-SB-S-5	BP-SB-S-6	BP-SB-S-7	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
SAMPLE DEPTH	8-10 FT	8-10 FT	2-4 FT	9.5-11.5 FT	9-11 FT	0.5-2.5 FT	1-3 FT		
DATE OF COLLECTION	2/10/04	2/10/04	2/11/04	2/11/04	2/11/04	2/12/04	2/12/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	80.0	88.0	68.0	87.0	88.0	85.0	76.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Dichlorodifluoromethane	U	U	U	U	U	U	U	10	--
Chloromethane	U	U	U	U	U	U	U	10	--
Vinyl Chloride	U	U	U	U	U	U	U	10	200
Bromomethane	U	U	U	U	U	U	U	10	--
Chloroethane	U	U	U	U	U	U	U	10	1900
Trichlorofluoromethane	U	U	U	U	U	U	U	10	--
1,1-Dichloroethene	U	U	U	U	U	U	U	10	400
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	10	6000
Acetone	U	U	U	23	U	28	11 J	10	200
Carbon Disulfide	U	U	U	U	U	U	U	10	2700
Methyl Acetate	U	U	U	U	U	U	U	10	--
Methylene Chloride	U	U	U	U	U	U	U	10	100
trans-1,2-Dichloroethene	U	U	U	U	U	U	U	10	300
Methyl tert-butyl ether	U	U	U	U	U	U	U	10	--
1,1-Dichloroethane	U	U	U	U	U	U	U	10	200
2-Butanone	U	U	U	U	U	3 J	2 J	10	300
cis-1,2-Dichloroethene	U	U	U	U	U	U	U	10	--
Chloroform	U	U	U	U	U	U	U	10	300
1,1,1-Trichloroethane	U	U	U	U	U	U	U	10	800
Cyclohexane	U	U	U	U	U	U	U	10	--
Carbon Tetrachloride	U	U	U	U	U	U	U	10	600
1,2-Dichloroethane	U	U	U	U	U	U	U	10	100
Benzene	U	U	U	U	U	U	U	10	60
Trichloroethene	U	U	U	U	U	U	U	10	700
Methylcyclohexane	U	U	U	U	U	U	U	10	--
1,2-Dichloropropane	U	U	U	U	U	U	U	10	--
Bromodichloromethane	U	U	U	U	U	U	U	10	--
cis-1,3-Dichloropropane	U	U	U	U	U	U	U	10	--
4-Methyl-2-pentanone	U	U	U	U	U	U	U	10	1000
Toluene	U	U	U	U	U	U	U	10	1500
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	10	--
1,1,2-Trichloroethane	U	U	U	U	U	U	U	10	--
Tetrachloroethene	U	U	U	U	U	U	U	10	1,400
2-Hexanone	U	U	U	U	U	U	U	10	--
Dibromochloromethane	U	U	U	U	U	U	U	10	--
1,2-Dibromoethane	U	U	U	U	U	U	U	10	--
Chlorobenzene	U	U	U	U	U	U	U	10	1,700
Ethylbenzene	U	U	U	U	U	U	U	10	5,500
Xylene (total)	U	U	U	U	U	U	U	10	1,200
Styrene	U	U	U	U	U	U	U	10	--
Bromoform	U	U	U	U	U	U	U	10	--
Isopropylbenzene	U	U	U	U	U	U	U	10	--
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	10	600
1,3-Dichlorobenzene	U	U	U	U	U	U	U	10	1,600
1,4-Dichlorobenzene	U	U	U	U	U	U	U	10	8,500
1,2-Dichlorobenzene	U	U	U	U	U	U	U	10	7,900
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	10	--
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	10	3,400
Totals VOCs	0	0	0	23	0	31	13	--	--
Totals VOC TICs	0	0	0	0	0	0	0	--	--

QUALIFIERS:

U: Constituent analyzed for but not detected.
J: Compound found at a concentration below the detection limit.
U*: Result qualified as non-detect based on validation criteria

NOTES:

--: Not Available

Result exceeds NYSDEC Recommended Soil Cleanup Objectives

SUBSURFACE SOIL SAMPLE RESULTS VOLATILE ORGANIC COMPOUNDS

SAMPLE ID	BP-SB-S-8	BP-SB-S-9	BP-SB-S-10	BP-SB-S-11	BP-SB-S-12	BP-SB-S-13	BP-SB-SSS-1	LABORATORY QUANTITATION LIMITS	NYSDC Recommended Soil Cleanup Objectives (ug/Kg)
SAMPLE DEPTH	2-4 FT	4-6 FT	4-6 FT	1-3 FT	6-8 FT	6-8 FT	2-4 FT		
DATE OF COLLECTION	2/12/04	2/13/04	2/13/04	2/13/04	3/29/04	3/29/04	2/10/04		
DILUTION FACTOR	125.0	1.0	125.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	55.0	60.0	85.0	80.0	94.0	96.0	86.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Dichlorodifluoromethane	U	U	U	U	U	U	U	10	--
Chloromethane	U	U	U	U	U	U	U	10	--
Vinyl Chloride	U	U	U	U	U	U	U	10	200
Bromomethane	U	U	U	U	U	U	U	10	--
Chloroethane	U	U	U	U	U	U	U	10	1900
Trichlorofluoromethane	U	U	U	U	U	U	U	10	--
1,1-Dichloroethene	U	U	U	U	U	U	U	10	400
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	10	6000
Acetone	U	U	U	U	U	U	U	10	200
Carbon Disulfide	U	U	U	U	U	U	U	10	2700
Methyl Acetate	U	U	U	U	U	U	U	10	--
Methylene Chloride	U	290 J	U	16 B	U	U	U	10	100
trans-1,2-Dichloroethene	U	U	U	U	U	U	U	10	300
Methyl tert-butyl ether	U	U	U	U	U	U	U	10	--
1,1-Dichloroethane	U	U	U	U	U	U	U	10	200
2-Butanone	U	U	U	U	U	U	U	10	300
cis-1,2-Dichloroethene	U	U	U	U	U	U	U	10	--
Chloroform	U	U	U	U	U	U	U	10	300
1,1,1-Trichloroethane	U	U	U	U	U	U	U	10	800
Cyclohexane	U	2,900	2,300	U	U	U	U	10	--
Carbon Tetrachloride	U	U	U	U	U	U	U	10	600
1,2-Dichloroethane	U	U	U	U	U	U	U	10	100
Benzene	U	710 J	430 J	U	U	U	U	10	60
Trichloroethene	U	U	U	U	U	U	U	10	700
Methylcyclohexane	830 J	8,800	6,900	U	U	U	U	10	--
1,2-Dichloropropane	U	U	U	U	U	U	U	10	--
Bromodichloromethane	U	U	U	U	U	U	U	10	--
cis-1,3-Dichloropropane	U	U	U	U	U	U	U	10	--
4-Methyl-2-pentanone	U	U	U	U	U	U	U	10	1000
Toluene	U	1,400 J	U	U	U	U	U	10	1500
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	10	--
1,1,2-Trichloroethane	U	U	U	U	U	U	U	10	--
Tetrachloroethene	U	U	U	U	U	U	U	10	1,400
2-Hexanone	U	U	U	U	U	U	U	10	--
Dibromochloromethane	U	U	U	U	U	U	U	10	--
1,2-Dibromomethane	U	U	U	U	U	U	U	10	--
Chlorobenzene	U	U	U	U	U	U	U	10	1,700
Ethylbenzene	U	7,400	5,100	U	U	U	U	10	5,500
Xylenes (total)	U	11,000	14,000	U	U	U	U	10	1,200
Styrene	U	U	U	U	U	U	U	10	--
Bromoform	U	U	U	U	U	U	U	10	--
Isopropylbenzene	350 J	3,500	2,100	U	U	U	U	10	--
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	10	600
1,3-Dichlorobenzene	U	U	U	U	U	U	U	10	1,600
1,4-Dichlorobenzene	U	U	U	U	U	U	U	10	8,500
1,2-Dichlorobenzene	U	U	U	U	U	U	U	10	7,900
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	10	--

U: Constituent analyzed for but not detected

J: Compound found at a concentration below the detection limit.

U*: Result qualified as non-detect based on validation criteria

U*: Result qualified as non-detect based on validation criteria

U*: Result qualified as non-detect based on validation criteria

NOTES:
-: Not Available

Result exceeds NYSDEC Recommended Soil Cleanup Objectives

Result exceeds (N) SDEC Recommended Soil Cleanup Objectives

TABLE
BLUE POINT LAUNDRY
SUBSURFACE SOIL SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE ID	BP-SB-SSS-2	BP-SB-SSS-3	BP-SB-SSS-4	BP-SB-VP-1	BP-SB-VP-2			LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
SAMPLE DEPTH	2-4 FT	2-4 FT	2-3 FT	20-22 FT	11.5-13.5 FT				
DATE OF COLLECTION	2/10/04	2/10/04	2/11/04	2/12/04	3/29/04				
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0				
PERCENT SOLIDS	86.0	87.0	85.0	93.0	89.0				
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Dichlorodifluoromethane	U	U	U	U	U			10	--
Chloromethane	U	U	U	U	U			10	--
Vinyl Chloride	U	U	U	U	U			10	200
Bromomethane	U	U	U	U	U			10	--
Chloroethane	U	U	U	U	U			10	1900
Trichlorofluoromethane	U	U	U	U	U			10	--
1,1-Dichloroethene	U	U	U	U	U			10	400
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U			10	6000
Acetone	U	U	U	6 J	U			10	200
Carbon Disulfide	U	U	U	U	U			10	2700
Methyl Acetate	U	U	U	U	U			10	--
Methylene Chloride	U	U	U	U*	U			10	100
trans-1,2-Dichloroethene	U	U	U	U	U			10	300
Methyl tert-butyl ether	U	U	U	U	U			10	--
1,1-Dichloroethane	U	U	U	U	U			10	200
2-Butanone	U	U	U	U	U			10	300
cis-1,2-Dichloroethene	U	U	U	U	U			10	--
Chloroform	U	U	U	U	U			10	300
1,1,1-Trichloroethane	U	U	U	U	U			10	800
Cyclohexane	U	U	U	U	U			10	--
Carbon Tetrachloride	U	U	U	U	U			10	600
1,2-Dichloroethane	U	U	U	U	U			10	100
Benzene	U	U	U	U	U			10	60
Trichloroethene	U	U	U	U	U			10	700
Methylcyclohexane	U	U	U	U	U			10	--
1,2-Dichloropropane	U	U	U	U	U			10	--
Bromodichloromethane	U	U	U	U	U			10	--
cis-1,3-Dichloropropane	U	U	U	U	U			10	--
4-Methyl-2-pentanone	U	U	U	U	U			10	1000
Toluene	U	U	U	U	U			10	1500
trans-1,3-Dichloropropene	U	U	U	U	U			10	--
1,1,2-Trichloroethane	U	U	U	U	U			10	--
Tetrachloroethene	U	U	U	U	27			10	1,400
2-Hexanone	U	U	U	U	U			10	--
Dibromochloromethane	U	U	U	U	U			10	--
1,2-Dibromoethane	U	U	U	U	U			10	--
Chlorobenzene	U	U	U	U	U			10	1,700
Ethylbenzene	U	U	U	U	U			10	5,500
Xylene (total)	U	U	U	U	U			10	1,200
Styrene	U	U	U	U	U			10	--
Bromoform	U	U	U	U	U			10	--
Isopropylbenzene	U	U	U	U	U			10	--
1,1,2,2-Tetrachloroethane	U	U	U	U	U			10	600
1,3-Dichlorobenzene	U	U	U	U	U			10	1,600
1,4-Dichlorobenzene	U	U	U	U	U			10	8,500
1,2-Dichlorobenzene	U	U	U	U	U			10	7,900
1,2-Dibromo-3-chloropropane	U	U	U	U	U			10	--
1,2,4-Trichlorobenzene	U	U	U	U	U			10	3,400
Totals VOCs	0	0	0	6	27	0	0	--	--
Totals VOC TICs	0	0	0	0	6,363	0	0	--	--

QUALIFIERS:

U: Constituent analyzed for but not detected.
J: Compound found at a concentration below the detection limit.
U*: Result qualified as non-detect based on validation criteria

NOTES:

--: Not Available

 : Result exceeds NYSDEC Recommended Soil Cleanup Objectives



TABLE

BLUE POINT LAUNDRY

SUBSURFACE SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID	BP-SB-S-1	BP-SB-S-2	BP-SB-S-3	BP-SB-S-4	BP-SB-S-5	BP-SB-S-6	BP-SB-S-7	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
SAMPLE DEPTH (FT)	8-10 FT	8-10 FT	2-4 FT	9.5-11.5 FT	9-11 FT	0.5-2.5 FT	1-3 FT		
DATE OF COLLECTION	2/10/04	2/10/04	2/11/04	2/11/04	2/11/04	2/12/04	2/12/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	80.0	88.0	68.0	87.0	88.0	85.0	76.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Benzaldehyde	U	U	U	U	U	U	U	550	---
Phenol	U	U	U	U	U	U	U	550	30 OR MDL
bis(2-Chloroethyl)ether	U	U	U	U	U	U	U	550	---
2-Chlorophenol	U	U	U	U	U	U	U	550	800
2-Methylphenol	U	U	U	U	U	U	U	550	100 OR MDL
2,2-Oxybis (1-Chloropropane)	U	U	U	U	U	U	U	550	---
Acetophenone	U	U	U	U	U	U	U	550	---
4-Methylphenol	U	U	U	U	U	U	U	550	900
N-Nitroso-di-n-propylamine	U	U	U	U	U	U	U	550	---
Hexachloroethane	U	U	U	U	U	U	U	550	---
Nitrobenzene	U	U	U	U	U	U	U	550	200 OR MDL
Isophorone	U	U	U	U	U	U	U	550	4,400
2-Nitrophenol	U	U	U	U	U	U	U	550	330 OR MDL
2,4-Dimethylphenol	U	U	U	U	U	U	U	550	---
2,4-Dichlorophenol	U	U	U	U	U	U	U	550	400
Naphthalene	U	U	U	U	U	U	U	550	13,000
4-Chloroaniline	U	U	U	U	U	82 J	U	550	220 OR MDL
bis (2-Chloroethoxy) methane	U	U	U	U	U	U	U	550	---
Hexachlorobutadiene	U	U	U	U	U	U	U	550	---
Caprolactam	U	U	U	U	U	U	U	330	---
4-Chloro-3-methylphenol	U	U	U	U	U	U	U	550	240 OR MDL
2-Methylnaphthalene	U	U	U	U	U	67 J	U	550	36,400
Hexachlorocyclopentadiene	U	U	U	U	U	U	U	550	---
2,4,6-Trichlorophenol	U	U	U	U	U	U	U	1400	---
2,4,5-Trichlorophenol	U	U	U	U	U	U	U	550	100
1,1-Biphenyl	U	U	U	U	U	U	U	330	---
2-Chloronaphthalene	U	U	U	U	U	U	U	1400	---
2-Nitroaniline	U	U	U	U	U	U	U	550	430 OR MDL
Dimethylphthalate	U	U	U	U	U	U	U	550	2,000
2,6-Dinitrotoluene	U	U	U	U	U	U	U	550	1,000
Acenaphthylene	U	U	U	U	U	U	U	550	41,000
3-Nitroaniline	U	U	U	U	U	U	U	1400	500 OR MDL
Acenaphthene	U	U	U	U	U	U	U	550	50,000
2,4-Dinitrophenol	U	U	U	U	U	U	U	1400	200 OR MDL
4-Nitrophenol	U	U	U	U	U	U	U	1400	100 OR MDL
Dibenzofuran	U	U	U	U	U	U	U	550	6,200

TABLE

BLUE POINT LAUNDRY

SUBSURFACE SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID	BP-SB-S-1 8-10 FT 2/10/04 1.0 80.0 ug/Kg	BP-SB-S-2 8-10 FT 2/10/04 1.0 88.0 ug/Kg	BP-SB-S-3 2-4 FT 2/11/04 1.0 68.0 ug/Kg	BP-SB-S-4 9.5-11.5 FT 2/11/04 1.0 87.0 ug/Kg	BP-SB-S-5 9-11 FT 2/11/04 1.0 88.0 ug/Kg	BP-SB-S-6 0.5-2.5 FT 2/12/04 1.0 85.0 ug/Kg	BP-SB-S-7 1-3 FT 2/12/04 1.0 76.0 ug/Kg	LABORATORY QUANTIFICATION LIMITS (ug/Kg)	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
2,4-Dinitrotoluene	U	U	U	U	U	U	U	550	---
Diethylphthalate	U	U	U	U	U	U	U	550	7,100
Fluorene	U	U	U	U	U	U	U	550	50,000
4-Chlorophenyl-phenylether	U	U	U	U	U	U	U	550	---
4-Nitroaniline	U	U	U	U	U	U	U	1400	---
4,6-Dinitro-2-methylphenol	U	U	U	U	U	U	U	1400	---
N-Nitrosodiphenylamine	U	U	U	U	U	U	U	550	---
4-Bromophenyl-phenylether	U	U	U	U	U	U	U	550	---
Hexachlorobenzene	U	U	U	U	U	U	U	330	410
Atrazine	U	U	U	U	U	U	U	1400	---
Pentachlorophenol	U	U	U	U	U	U	U	550	1,000 OR MDL
Phenanthrene	U	U	U	U	U	54 J	U	550	50,000
Anthracene	U	U	U	U	U	U	U	550	50,000
Carbazole	U	U	U	U	U	U	U	550	---
Di-n-butylphthalate	U	U	U	U	U	U	U	550	8,100
Fluoranthene	U	U	95 J	U	U	80 J	58 J	550	50,000
Pyrene	U	U	360 J	U	U	71 J	61 J	550	50,000
Butylbenzylphthalate	U	U	U	U	U	U	U	550	50,000
3,3'-Dichlorobenzidine	U	U	U	U	U	U	U	550	---
Benzo (a) anthracene	U	U	73 J	U	U	42 J	49 J	550	224 OR MDL
Chrysene	U	U	120 J	U	U	52 J	77 J	550	400
bis(2-Ethylhexyl)phthalate	U	190 J	120 J	260 J	U	63 J	65 J	550	50,000
Di-n-octylphthalate	U	U	U	U	U	U	U	550	50,000
Benzo(b)fluoranthene	U	U	180 J	U	U	57 J	63 J	550	1,100
Benzo(k)fluoranthene	U	U	58 J	U	U	U	U	550	1,100
Benzo(a)pyrene	U	U	93 J	U	U	U	U	550	61 OR MDL
Indeno(1,2,3-cd)pyrene	U	U	U	U	U	U	U	550	3,200
Dibenzo(a,h)anthracene	U	U	U	U	U	U	U	550	14 OR MDL
Benzo(g,h,i)perylene	U	U	U	U	U	U	U	550	50,000
Total PAHs	0	0	979	0	0	438	308		---
Total Carcinogen PAHs	0	0	524	0	0	151	189		10,000
Total SVOCs	0	190	1,099	260	0	568	373		500,000
Total SVOC TICs	360	485	710	550	390	2,036	2,848		500,000

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound found in the method blank as well as the sample

J: Compound found at a concentration below the CRDL, value estimated

D: Result taken from reanalysis at dilution

U*: Result qualified as non-detected based on validation criteria

NOTES:

---: not established

MDL: Method Detection Limit

Indicates value exceeds NYSDEC Recommended Soil Clean-up Objective

TABLE

BLUE POINT LAUNDRY

SUBSURFACE SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID	BP-SB-S-8	BP-SB-S-9	BP-SB-S-10	BP-SB-S-11	BP-SB-S-12	BP-SB-S-13	BP-SB-SSS-1	LABORATORY QUANTIFICATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
SAMPLE DEPTH (FT)	2-4 FT	4-6 FT	4-6 FT	1-3 FT	6-8 FT	6-8 FT	2-4 FT		
DATE OF COLLECTION	2/12/04	2/13/04	2/13/04	2/13/04	3/29/04	3/29/04	2/10/04		
DILUTION FACTOR	10.0	10.0	10.0	1.0	1.0	1.0	86.0		
PERCENT SOLIDS	55.0	60.0	85.0	80.0	95.0	99.0	ug/Kg		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Benzaldehyde	U	U	U	U	U	U	U	550	---
Phenol	U	U	U	U	U	U	U	550	30 OR MDL
bis(2-Chloroethyl)ether	U	U	U	U	U	U	U	550	---
2-Chlorophenol	U	U	U	U	U	U	U	550	800
2-Methylphenol	U	U	U	U	U	U	U	550	100 OR MDL
2,2-Oxybis (1-Chloropropane)	U	U	U	U	U	U	U	550	---
Acetophenone	U	U	U	U	U	U	U	550	---
4-Methylphenol	U	U	U	U	U	U	U	550	---
N-Nitroso-di-n-propylamine	U	U	U	U	U	U	U	550	900
Hexachloroethane	U	U	U	U	U	U	U	550	---
Nitrobenzene	U	U	U	U	U	U	U	550	---
Isophorone	U	U	U	U	U	U	U	550	200 OR MDL
2-Nitrophenol	U	U	U	U	U	U	U	550	4,400
2,4-Dimethylphenol	U	U	U	U	U	U	U	550	330 OR MDL
2,4-Dichlorophenol	U	U	U	U	U	U	U	550	---
Naphthalene	U	U	U	U	U	U	U	550	400
4-Chloroaniline	U	35,000	14,000	U	U	U	U	550	13,000
bis (2-Chloroethoxy) methane	U	U	U	U	U	U	U	550	220 OR MDL
Hexachlorobutadiene	U	U	U	U	U	U	U	550	---
Caprolactam	U	U	U	U	U	U	U	550	---
4-Chloro-3-methylphenol	U	U	U	U	U	U	U	330	---
2-Methylnaphthalene	U	U	U	U	U	U	U	550	240 OR MDL
Hexachlorocyclopentadiene	U	130,000 D	72,000 D	42 J	U	U	U	550	36,400
2,4,6-Trichlorophenol	U	U	U	U	U	U	U	550	---
2,4,5-Trichlorophenol	U	U	U	U	U	U	U	1400	---
1,1-Biphenyl	U	6,200 J	2,400 J	U	U	U	U	550	100
2-Chloronaphthalene	U	U	U	U	U	U	U	330	---
2-Nitroaniline	U	U	U	U	U	U	U	1400	---
Dimethylphthalate	U	U	U	U	U	U	U	550	430 OR MDL
2,6-Dinitrotoluene	U	U	U	U	U	U	U	550	2,000
Acenaphthylene	U	U	U	U	U	U	U	550	1,000
3-Nitroaniline	U	U	U	U	U	U	U	550	41,000
Acenaphthene	U	U	U	U	U	U	U	1400	500 OR MDL
2,4-Dinitrophenol	U	U	U	U	U	U	U	550	50,000
4-Nitrophenol	U	U	U	U	U	U	U	1400	200 OR MDL
Dibenzofuran	U	U	U	U	U	U	U	550	100 OR MDL
									6,200

TABLE
BLUE POINT LAUNDRY

SUBSURFACE SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID (SAMPLING DEPTH (FT))	BP-SB-S-8 2.4 FT 2/12/04 10.0 55.0 ug/Kg	BP-SB-S-9 4.6 FT 2/13/04 10.0 60.0 ug/Kg	BP-SB-S-10 4.6 FT 2/13/04 10.0 85.0 ug/Kg	BP-SB-S-11 1.3 FT 2/13/04 1.0 80.0 ug/Kg	BP-SB-S-12 6.8 FT 3/29/04 1.0 95.0 ug/Kg	BP-SB-S-13 6.8 FT 3/29/04 1.0 99.0 ug/Kg	BP-SB-S-SS-1 2.4 FT 2/10/04 1.0 86.0 ug/Kg	LABORATORY QUANTITATION LIMITS (ug/Kg)	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
PERCENT SOLIDS	55.0	60.0	85.0	80.0	95.0	99.0	86.0	550	---
2,4-Dinitrotoluene	U	U	U	U	U	U	U	550	7,100
Diethylphthalate	1,300 J	8,800 J	4,800 J	U	U	U	U	550	50,000
Fluorene	U	U	U	U	U	U	U	550	---
4-Chlorophenyl-phenylether	U	U	U	U	U	U	U	550	---
4-Nitroaniline	U	U	U	U	U	U	U	1400	---
4,6-Dinitro-2-methylphenol	U	U	U	U	U	U	U	1400	---
N-Nitrosodiphenylamine	U	U	U	U	U	U	U	550	---
4-Bromophenyl-phenylether	U	U	U	U	U	U	U	550	---
Hexachlorobenzene	U	U	U	U	U	U	U	550	410
Atrazine	U	U	U	U	U	U	U	330	---
Pentachlorophenol	U	U	U	U	U	U	U	1400	1,000 OR MDL
Phenanthrene	1,200 J	35,000	21,000	U	U	U	U	550	50,000
Anthracene	U	2,900 J	3,300 J	U	U	U	U	550	50,000
Carbazole	U	U	U	U	U	U	U	550	---
Di-n-butylphthalate	U	U	U	54 J	U*	U*	U	550	8,100
Fluoranthene	U	2,500 J	2,500 J	U	U	U	U	550	50,000
Pyrene	5,000 J	6,600 J	6,200 J	U	U	U	U	550	50,000
Butylbenzylphthalate	J	U	140 J	320 J	U	U	U	550	50,000
3,3'-Dichlorobenzidine	U	U	U	U	U	U	U	550	---
Benzo (a) anthracene	1,000 J	2,700 J	3,400 J	U	U	U	U	550	224 OR MDL
Chrysene	2,600 J	5,900 J	6,700 J	U	U	U	U	550	400
bis(2-Ethylhexyl)phthalate	U	U	U	U*	U	U	75 J	550	50,000
Di-n-octylphthalate	U	U	U	59 J	U	U	U	550	50,000
Benzo(b)fluoranthene	630 J	U	U	U	U	U	U	550	1,100
Benzo(k)fluoranthene	U	U	1,100 J	U	U	U	U	550	1,100
Benzo(a)pyrene	740 J	1,700 J	2,000 J	U	U	U	U	550	61 OR MDL
Indeno(1,2,3-cd)pyrene	U	U	U	U	U	U	U	550	3,200
Dibenzo(a,h)anthracene	U	U	U	U	U	U	U	550	14 OR MDL
Benzo(g,h,i)perylene	U	U	1,100 J	U	U	U	U	550	50,000
Total PAHs	12,470	101,100	66,100	0	0	0	0	---	---
Total Carcinogen PAHs	4,970	10,300	13,200	0	0	0	0	---	10,000
Total SVOCs	12,470	237,300	140,640	475	0	0	75	---	500,000
Total SVOC TICs	195,100	864,100	814,000	1,665	76	287	1,610	---	500,000

QUALIFIERS:

U: Compound analyzed for but not detected
B: Compound found in the method blank as well as the sample
J: Compound found at a concentration below the CRDL, value estimated
D: Result taken from reanalysis at dilution
U*: Result qualified as non-detect based on validation criteria

NOTES:

---: not established
MDL: Method Detection Limit
Indicates value exceeds NYSDEC Recommended Soil Clean-up Objective

TABLE

BLUE POINT LAUNDRY

SUBSURFACE SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID	BP-SB-SSS-2	BP-SB-SSS-3	BP-SB-SSS-4	BP-SB-SSS-6	BP-SB-SSS-7	BP-SB-SSS-8	BP-SB-SSS-9	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
SAMPLE DEPTH (FT)	2-4 FT	2-4 FT	2-3 FT	2-3 FT	2-3 FT	2.5-5 FT	4-6 FT		
DATE OF COLLECTION	2/10/04	2/10/04	2/11/04	3/30/04	3/30/04	3/31/04	3/31/04		
DILUTION FACTOR	1.0	1.0	1.0	10.0	1.0	5.0	10.0		
PERCENT SOLIDS	86.0	87.0	85.0	90.0	58.0	69.0	89.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Benzaldehyde	U	U	U	U	U	U	U	550	---
Phenol	U	U	U	U	U	U	U	550	30 OR MDL
bis(2-Chloroethyl)ether	U	U	U	U	U	U	U	550	---
2-Chlorophenol	U	U	U	U	U	U	U	550	800
2-Methylphenol	U	U	U	U	U	U	U	550	100 OR MDL
2,2-Oxybis (1-Chloropropane)	U	U	U	U	U	U	U	550	---
Acetophenone	U	U	U	U	U	U	U	550	---
4-Methylphenol	U	U	U	U	U	U	U	550	900
N-Nitroso-di-n-propylamine	U	U	U	U	U	U	U	550	---
Hexachloroethane	U	U	U	U	U	U	U	550	---
Nitrobenzene	U	U	U	U	U	U	U	550	200 OR MDL
Isophorone	U	U	U	U	U	U	U	550	4,400
2-Nitrophenol	U	U	U	U	U	U	U	550	330 OR MDL
2,4-Dimethylphenol	U	U	U	U	U	U	U	550	---
2,4-Dichlorophenol	U	U	U	U	U	U	U	550	400
Naphthalene	U	U	U	U	U	U	U	550	13,000
4-Chloroaniline	U	U	U	29,000	240 J	5,300	24,000	550	220 OR MDL
bis (2-Chloroethoxy) methane	U	U	U	U	U	U	U	550	---
Hexachlorobutadiene	U	U	U	U	U	U	U	550	---
Caprolactam	U	U	U	U	U	U	U	330	---
4-Chloro-3-methylphenol	U	U	U	U	U	U	U	550	---
2-Methylnaphthalene	U	U	U	140,000 D	340 J	2,200 J	70,000 D	550	240 OR MDL
Hexachlorocyclopentadiene	U	U	U	U	U	U	U	550	36,400
2,4,6-Trichlorophenol	U	U	U	U	U	U	U	550	---
2,4,5-Trichlorophenol	U	U	U	U	U	U	U	1400	---
1,1-Biphenyl	U	U	U	4,000 J	62 J	U	5,700 J	550	100
2-Chloronaphthalene	U	U	U	U	U	U	U	330	---
2-Nitroaniline	U	U	U	U	U	U	U	1400	---
Dimethylphthalate	U	U	U	U	U	U	U	550	430 OR MDL
2,6-Dinitrotoluene	U	U	U	U	U	U	U	550	2,000
Acenaphthylene	U	U	U	U	U	U	U	550	1,000
3-Nitroaniline	U	U	U	U	U	U	U	550	41,000
Acenaphthene	U	U	U	8,000	U	U	U	1400	500 OR MDL
2,4-Dinitrophenol	U	U	U	U	U	U	5,400 J	550	50,000
4-Nitrophenol	U	U	U	U	U	U	U	1400	200 OR MDL
Dibenzofuran	U	U	U	U	76 J	U	2,600 J	550	100 OR MDL
									6,200

TABLE

BLUE POINT LAUNDRY
SUBSURFACE SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID SAMPLE DEPTH (FEET) DATE OF COLLECTION DILUTION FACTOR PERCENT SOLIDS UNITS	BP-SB-SSS-2 2-4 FT 2/10/04 1.0 86.0 ug/Kg	BP-SB-SSS-3 2-4 FT 2/10/04 1.0 87.0 ug/Kg	BP-SB-SSS-4 2-3 FT 2/11/04 1.0 85.0 ug/Kg	BP-SB-SSS-6 2-3 FT 3/30/04 10.0 90.0 ug/Kg	BP-SB-SSS-7 2-3 FT 3/30/04 1.0 58.0 ug/Kg	BP-SB-SSS-8 2.5-5 FT 3/31/04 5.0 69.0 ug/Kg	BP-SB-SSS-9 4-6 FT 3/31/04 20.0 89.0 ug/Kg	LABORATORY QUANTIFICATION LIMITS (ug/Kg)	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
2,4-Dinitrotoluene	U	U	U	U	U	U	U	550	---
Diethylphthalate	U	U	U	U	U	U	U	550	7,100
Fluorene	U	U	U	13,000	63 J	U	7,800	550	50,000
4-Chlorophenyl-phenylether	U	U	U	U	U	U	U	550	---
4-Nitroaniline	U	U	U	U	U	U	U	1400	---
4,6-Dinitro-2-methylphenol	U	U	U	U	U	U	U	1400	---
N-Nitrosodiphenylamine	U	U	U	U	U	U	U	550	---
4-Bromophenyl-phenylether	U	U	U	U	U	U	U	550	---
Hexachlorobenzene	U	U	U	U	U	U	U	550	410
Atrazine	U	U	U	U	U	U	U	330	---
Pentachlorophenol	U	U	U	U	U	U	U	1400	1,000 OR MDL
Phenanthrene	U	U	U	50,000	260 J	U	25,000	550	50,000
Anthracene	U	U	U	9,100	U	U	3,800 J	550	50,000
Carbazole	U	U	U	U	U	U	U	550	---
Di-n-butylphthalate	U	U	U	U	U*	U	U	550	8,100
Fluoranthene	U	U	U	3,900 J	80 J	U	1,500 J	550	50,000
Pyrene	U	U	U	26,000	140 J	U	13,000	550	50,000
Butylbenzylphthalate	U	U	U	U	U	U	U	550	50,000
3,3'-Dichlorobenzidine	U	U	U	U	U	U	U	550	---
Benzo (a) anthracene	U	U	U	U	U	U	U	550	224 OR MDL
Chrysene	U	U	U	9,400	82 J	U	3,700 J	550	400
bis(2-Ethylhexyl)phthalate	U	U	U	15,000	210 J	U	7,100 J	550	50,000
Di-n-octylphthalate	U	U	U	U	U*	U	U	550	50,000
Benzo(b)fluoranthene	U	U	U	U	190 J	U	1,300 J	550	1,100
Benzo(k)fluoranthene	U	U	U	2,500 J	U	U	U	550	1,100
Benzo(a)pyrene	U	U	U	6,300 J	110 J	U	2,300 J	550	61 OR MDL
Indeno(1,2,3-cd)pyrene	U	U	U	800 J	U	U	U	550	3,200
Dibenzo(a,h)anthracene	U	U	U	U	U	U	U	550	14 OR MDL
Benzo(g,h,i)perylene	U	U	U	U	100 J	U	U	550	50,000
Total PAHs	0	0	0	176,900	1,475	5,300	94,900		---
Total Carcinogen PAHs	0	0	0	36,700	592	0	14,400		10,000
Total SVOCs	0	40	0	320,900	1,953	7,500	173,200		500,000
Total SVOC/TICs	373	690	952	6,300,000	22,610	219,500	1,678,000		500,000

QUALIFIERS:

U: Compound analyzed for but not detected
 B: Compound found in the method blank as well as the sample
 J: Compound found at a concentration below the CRDL, value estimated
 D: Result taken from reanalysis at dilution
 U*: Result qualified as non-detect based on validation criteria

NOTES:

---: not established
 MDL: Method Detection Limit
☐ Indicates value exceeds NYSDEC Recommended Soil Clean-up Objective

TABLE

BLUE POINT LAUNDRY

SUBSURFACE SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID	BP-SB-SSS-10	BP-SB-SSS-11	BP-SB-SSS-12	BP-SB-SSS-13	BP-SB-SSS-14	BP-SB-VP-1	BPSBVP-2	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
SAMPLE DEPTH (FT)	4-6 FT	1-3 FT	1-3 FT	0.5-2.5 FT	1-3 FT	20-22 FT	115-135 FT		
DATE OF COLLECTION	3/31/04	3/31/04	3/31/04	3/31/04	3/31/04	2/12/04	3/29/04		
DILUTION FACTOR	1.0	1.0	1.0	2.0	1.0	1.0	1.0		
PERCENT SOLIDS	89.0	7.10	86.0	82.0	83.0	93.0	91.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Benzaldehyde	U	U	U	U	U	U	U	550	---
Phenol	U	U	U	U	U	U	U	550	30 OR MDL
bis(2-Chloroethyl)ether	U	U	U	U	U	U	U	550	---
2-Chlorophenol	U	U	U	U	U	U	U	550	800
2-Methylphenol	U	U	U	U	U	U	U	550	100 OR MDL
2,2-Oxybis (1-Chloropropane)	U	U	U	U	U	U	U	550	---
Acetophenone	U	U	U	U	U	U	U	550	---
4-Methylphenol	65 J	U	U	U	U	U	U	550	900
N-Nitroso-di-n-propylamine	U	U	U	U	U	U	U	550	---
Hexachloroethane	U	U	U	U	U	U	U	550	---
Nitrobenzene	U	U	U	U	U	U	U	550	200 OR MDL
Isophorone	U	U	U	U	U	U	U	550	4,400
2-Nitrophenol	U	U	U	U	U	U	U	550	330 OR MDL
2,4-Dimethylphenol	U	U	U	U	U	U	U	550	---
2,4-Dichlorophenol	U	U	U	U	U	U	U	550	400
Naphthalene	73 J	U	U	U	U	U	U	550	13,000
4-Chloroaniline	U	U	U	U	U	U	U	550	220 OR MDL
bis (2-Chloroethoxy) methane	U	U	U	U	U	U	U	550	---
Hexachlorobutadiene	U	U	U	U	U	U	U	550	---
Caprolactam	U	U	U	U	U	U	U	330	---
4-Chloro-3-methylphenol	U	U	U	U	U	U	U	550	240 OR MDL
2-Methylnaphthalene	U	U	U	U	91 J	U	U	550	36,400
Hexachlorocyclopentadiene	U	U	U	U	U	U	U	550	---
2,4,6-Trichlorophenol	U	U	U	U	U	U	U	1400	---
2,4,5-Trichlorophenol	U	U	U	U	U	U	U	550	---
1,1-Biphenyl	U	U	U	U	U	U	U	330	100
2-Chloronaphthalene	U	U	U	U	U	U	U	1400	---
2-Nitroaniline	U	U	U	U	U	U	U	550	430 OR MDL
Dimethylphthalate	U	U	U	U	U	U	U	550	2,000
2,6-Dinitrotoluene	U	U	U	U	U	U	U	550	1,000
Acenaphthylene	U	U	U	U	43 J	U	U	550	41,000
3-Nitroaniline	57 J	U	U	U	U	U	U	1400	500 OR MDL
Acenaphthene	U	U	U	U	U	U	U	550	50,000
2,4-Dinitrophenol	U	U	U	U	U	U	U	1400	200 OR MDL
4-Nitrophenol	U	U	U	U	U	U	U	1400	100 OR MDL
Dibenzofuran	U	U	U	U	U	U	U	550	6,200

TABLE

BLUE POINT LAUNDRY

SUBSURFACE SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID	BP-SB-SSS-10	BP-SB-SSS-11	BP-SB-SSS-12	BP-SB-SSS-13	BP-SB-SSS-14	BP-SB-VP-1	BP-SB-VP-2	LABORATORY QUANTIFICATION LIMITS	NYSDEC Recommended Soil Clean-up Objectives
SAMPLE DEPTH (FT)	4.6 FT	1-3 FT	1-3 FT	0.5-2.5 FT	1-3 FT	20-22 FT	115-135 FT		
DATE OF COLLECTION	3/31/04	3/31/04	3/31/04	3/31/04	3/31/04	2/12/04	3/29/04		
DURATION FACTOR	1.0	1.0	1.0	2.0	1.0	1.0	1.0		
PERCENT SOLIDS	89.0	71.0	86.0	82.0	83.0	93.0	91.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
2,4-Dinitrotoluene	U	U	U	U	U	U	U	550	---
Diethylphthalate	U	U	U	U	U	U	U	550	7,100
Fluorene	45 J	U	U	U	72 J	U	U	550	50,000
4-Chlorophenyl-phenylether	U	U	U	U	U	U	U	550	---
4-Nitroaniline	U	U	U	U	U	U	U	1400	---
4,6-Dinitro-2-methylphenol	U	U	U	U	U	U	U	1400	---
N-Nitrosodiphenylamine	U	U	U	U	U	U	U	550	---
4-Bromophenyl-phenylether	U	U	U	U	U	U	U	550	---
Hexachlorobenzene	U	U	U	U	U	U	U	550	410
Atrazine	U	U	U	U	U	U	U	330	---
Pentachlorophenol	67 J	U	U	U	U	U	U	1400	1,000 OR MDL
Phenanthrene	630	660 J	U	U	67 J	U	U	550	50,000
Anthracene	120 J	U	U	U	U	U	U	550	50,000
Carbazole	55 J	U	U	U	U	U	U	550	---
Di-n-butylphthalate	U*	U	U*	U	U*	U	U	550	8,100
Fluoranthene	960	U	U	1,700	320 J	U	U	550	50,000
Pyrene	1,100	3,800	U	U	320 J	U	130 J	550	50,000
Butylbenzylphthalate	U	U	U	U	U	U	U	550	50,000
3,3'-Dichlorobenzidine	U	U	U	U	U	U	U	550	50,000
Benzo (a) anthracene	490	330 J	U	U	250 J	U	U	550	---
Chrysene	590	1,600	U	1,300	270 J	U	U	550	224 OR MDL
bis(2-Ethylhexyl)phthalate	U*	U	U*	U	U*	50 J	U*	550	400
Di-n-octylphthalate	U	U	U	U	U	U	U	550	50,000
Benzo(b)fluoranthene	770	580 J	U	520 J	380 J	U	U	550	50,000
Benzo(k)fluoranthene	240 J	120 J	U	120 J	170 J	U	U	550	1,100
Benzo(a)pyrene	460	1,000	U	940	250 J	U	U	550	1,100
Indeno(1,2,3-cd)pyrene	170 J	U	U	340 J	110 J	U	U	550	61 OR MDL
Dibenzo(a,h)anthracene	52 J	300 J	U	320 J	U	U	U	550	3,200
Benzo(g,h,i)perylene	100 J	740 J	U	640 J	72 J	U	U	550	14 OR MDL
Total PAHs	5,857	9,130	0	5,880	2,324	0	0	550	50,000
Total Carcinogen PAHs	2,772	3,930	0	3,540	1,430	0	0		---
Total SVOCs	6,044	9,130	0	5,880	2,415	50	130		10,000
Total SVOC TICs	8,290	18,960	8,940	3,720	11,190	85	12,345		500,000

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound found in the method blank as well as the sample

J: Compound found at a concentration below the CRDL, value estimated

D: Result taken from reanalysis at dilution

U*: Result qualified as non-detect based on validation criteria

NOTES:

---: not established

MDL: Method Detection Limit

☐ Indicates value exceeds NYSDEC Recommended Soil Clean-up Objective

TABLE
BLUE POINT LAUNDRY
SUBSURFACE SOIL SAMPLE RESULTS
PCBS

SAMPLE ID	BP-SS-S-5	BP-SB-S-7	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objective
SAMPLE DEPTH	1-3 FT	1-3 FT		
DATE OF COLLECTION	2/12/04	2/12/04		
PERCENT SOLIDS	1.0	1.0		
DILUTION FACTOR	83.0	76.0		
UNITS	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)
Aroclor-1016	U	U	33	**
Aroclor-1221	U	U	66	**
Aroclor-1232	U	U	33	**
Aroclor-1242	U	U	33	**
Aroclor-1248	U	U	33	**
Aroclor-1254	U	U	33	**
Aroclor-1260	U	U	30	**

QUALIFIERS:

U: Compound analyzed for but not detected.

NOTES:

** : Comparison criteria is 1,000 ug/kg for surface soils and 10,000 ug/kg for subsurface soils

[] : Result exceeds NYSDEC Recommended Soil Cleanup Objective

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TABLE

BLUE POINT LAUNDRY

SUBSURFACE SOIL SAMPLE RESULTS
TARGET ANALYTE LIST (TAL) METALS AND CYANIDE

SAMPLE ID	BP-SB-S-1	BP-SB-S-2	BP-SB-S-3	BP-SB-S-4	BP-SB-S-5	BP-SB-S-6	BP-SB-S-7	INSTRUMENT DETECTION LIMITS	NYSDEC Recommended Soil Cleanup Objectives mg/Kg
Aluminum	815	595	3,530	659	615	2,820	1,740	17	SB
Antimony	U	U	U	U	U	U	U	3	SB
Arsenic	0.52 B	0.44 B	4.5	U	U	2.3	1.2 B	3	7.5 or SB
Barium	2.8 B	1.9 B	36 B	1.7 B	1.8 B	23.7 B	18 B	4	300 or SB
Beryllium	0.11 B	0.059 B	0.27 B	0.042 B	0.061 B	U	0.051 B	0.5	0.16 or SB
Cadmium	U	U	0.26 B	U	U	U	0.12 B	0.7	10*
Calcium	90 B	183 B	90500	38.2 B	54.3 B	483 B	880 B	240	SB
Chromium	2 B	5.4	5.4	2.9	2.2	4.2	4.2	0.6	50*
Cobalt	0.96 B	0.5 B	1.6 B	0.42 B	0.53 B	1.2 B	0.63 B	0.9	30 or SB
Copper	3.3 B	3.4 B	11.2	2.5 B	3.2 B	7.1	14.8	4	25 or SB
Iron	1970	1640	4,850	1120	1,430	3,240	2,010	26	2,000 or SB
Lead	2.4	2.1	29.1	1.3	1.1	25.4	29.8	4	400
Magnesium	201 B	191 B	9600	121 B	150 B	256 B	226 B	8	SB
Manganese	42.3	22.7	344	14.6	27.1	18.3	18.2	0.8	SB
Mercury	U	U	0.077 B	U	U	0.15	0.21	0.1	0.1
Nickel	0.74 B	0.74 B	3.4 B	0.64 B	0.85 B	3.4 B	4.7 B	0.8	13 or SB
Potassium	98.9 B	54.4 B	228 B	43.2 B	48.7 B	120 B	88.3 B	78	SB
Selenium	U	U	U	U	U	U	U	9	2 or SB
Silver	0.26 B	0.23 B	0.67 B	0.18 B	21 B	U	4.7	2	SB
Sodium	14 B	16 B	98.7 B	30.7 B	36.4 B	37 B	48.1 B	83	SB
Thallium	U	U	U	U	U	U	U	3	SB
Vanadium	3 B	4.9 B	20.7	1.7 B	2 B	5.6 B	12 B	0.7	150 or SB
Zinc	4.8	3.1 B	63.7	3.9	4 B	31.3	61.7	7	20 or SB
Cyanide	U	U	0.27 B	1.5	U	U	0.57 B	7	----

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound concentration is less than the CRDL
but greater than the IDL.

NOTES:

SB: Site background

----: not established

*: as per proposed 4/95 NYSDEC TAGM

☐ Indicates value exceeds the NYSDEC Recommended Soil Cleanup Objective

TABLE

BLUE POINT LAUNDRY

SUBSURFACE SOIL SAMPLE RESULTS
TARGET ANALYTE LIST (TAL) METALS AND CYANIDE

SAMPLE ID	BP-SB-S-8	BP-SB-S-9	BP-SB-S-10	BP-SB-S-11	BP-SB-S-12	BP-SB-S-13	BP-SB-S-SS-1	INSTRUMENT DETECTION LIMITS	NYSDEC Recommended Soil Cleanup Objectives mg/Kg
SAMPLE DEPTH (FT)	2-4 FT	4-6 FT	4-6 FT	1-3 FT	6-8 FT	6-8 FT	2-4 FT		
DATE OF COLLECTION	2/12/04	2/13/04	2/13/04	2/13/04	3/29/04	3/29/04	2/10/04		
DETECTION FACTOR	10.0	1.0	1.0	1.0	1.0	1.0	1.0		
REPORTING UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	ug/l	mg/Kg
Aluminum	8,980	3,710	1,080	2,540	2,350	619	7,210	17	SB
Antimony	3 B	0.73 B	U	U	U	U	U	3	SB
Arsenic	12.2	2.9 B	0.72 B	4	1 B	U	2.2 B	3	7.5 or SB
Barium	218	290	7.3 B	42.3 B	5.2 B	4.1 B	8.9 B	4	300 or SB
Beryllium	U	0.27 B	0.066 B	U	0.051 B	U	0.2 B	0.5	0.16 or SB
Cadmium	10.7	U	U	1.9	U	U	0.061 B	0.7	10*
Calcium	4,910	803 B	889 B	554 B	105 B	145 B	67 B	240	SB
Chromium	79.6	12.6	1.4 B	11.2	3.2	1.6 B	8.8	0.6	50*
Cobalt	5.8 B	1.8 B	0.58 B	1.6 B	0.33 B	0.52 B	1 B	0.9	30 or SB
Copper	180	72.2	3.9 B	19.6	1.6 B	3 B	5.8	4	25 or SB
Iron	15,900	3,890	3,220	7,330	2,220	1,310	6,700	26	2,000 or SB
Lead	263	316	15.2	117	4	6	4.8	4	400
Magnesium	4,660	311 B	51 B	361 B	129 B	227 B	521 B	8	SB
Manganese	40.7	32.4	14.7	58.1	11.3	39.2	27.7	0.8	SB
Mercury	0.42	0.28	U	0.32	U	U	U	0.1	0.1
Nickel	58	16.2	6.9 B	6 B	2.7 B	0.88 B	2.9 B	0.8	13 or SB
Potassium	431 B	142 B	56.2 B	144 B	59 B	99.1 B	121 B	78	SB
Selenium	2.7	U	U	U	0.52 B	0.45 B	U	9	2 or SB
Silver	21.8	U	U	U	0.25 B	0.12 B	0.92 B	2	SB
Sodium	317 B	48.2 B	39.3 B	48.5 B	U	U	21.7 B	83	SB
Thallium	U	U	U	U	U	U	U	3	SB
Vanadium	67.3	43.6	13.5	11 B	4 B	2.5 B	11.2	0.7	150 or SB
Zinc	1520	52.6	16.5	205	9.2	6.2	10.6	7	20 or SB
Cyanide	U	6.3	1.7	U	0.0014 B	0.035 B	U	7	---

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound concentration is less than the CRDL

but greater than the IDL.

NOTES:

SB: Site background

---: not established

*: as per proposed 4/95 NYSDEC TAGM

☐ Indicates value exceeds the NYSDEC Recommended Soil Cleanup Objective

TABLE

BLUE POINT LAUNDRY
SUBSURFACE SOIL SAMPLE RESULTS
TARGET ANALYTE LIST (TAL) METALS AND CYANIDE

SAMPLE ID	BP-SB-SSS-2	BP-SB-SSS-3	BP-SB-SSS-4	BP-SB-SSS-6	BP-SB-SSS-7	BP-SB-SSS-8	BP-SB-SSS-9	INSTRUMENT DETECTION LIMITS	NYSDEC Recommended Soil Cleanup Objectives mg/kg
SAMPLE DEPTH (FT)	2-4 FT	2-4 FT	2-3 FT	2-4 FT	2-3 FT	2-5 FT	4-6 FT		
DATE OF COLLECTION	2/10/04	2/10/04	2/11/04	3/30/04	3/30/04	3/31/04	3/31/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	86.0	87.0	85.0	90.0	85.0	69.0	89.0		
UNITS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/l	mg/Kg
Aluminum	1,880	3,520	3,500	1,700	4,880	3,930	297	17	SB
Antimony	U	U	U	U	U	U	U	3	SB
Arsenic	0.69 B	0.95 B	0.83 B	0.81 B	20	4.2	2.1	3	7.5 or SB
Barium	7.4 B	4.2 B	4.3 B	5.9 B	566	187	28.6 B	4	300 or SB
Beryllium	0.098 B	0.1 B	0.11 B	0.059 B	0.64 B	0.17 B	0.045 B	0.5	0.16 or SB
Cadmium	U	U	0.044 B	U	4.8	4.6	U	0.7	10*
Calcium	73 B	198 B	57 B	101 B	2490	1,920	274 B	240	SB
Chromium	3	3.5	3.5	4.6	47.4	47.3	1.9	0.6	50*
Cobalt	0.54 B	0.24 B	0.56 B	0.45 B	6 B	1.8 B	0.72 B	0.9	30 or SB
Copper	3.6 B	2.5 B	3.7 B	5 B	217	129	11.9	4	25 or SB
Iron	2,640	3,730	3,120	2,210	12,400	5,360	2,370	26	2,000 or SB
Lead	6.6	3	2.7	9	586	206	28.7	4	400
Magnesium	165 B	148 B	186 B	195 B	1210 B	880 B	33 B	8	SB
Manganese	17.1	13.2	21.9	12.4	57.6	39.3	2.2 B	0.8	SB
Mercury	U	0.064 B	U	U	2	1.7	U	0.1	0.1
Nickel	1.3 B	1.2 B	1.8 B	5.1 B	57	28.8	3.1 B	0.8	13 or SB
Potassium	70.8 B	72.6 B	49.5 B	124 B	283 B	267 B	49.5 B	78	SB
Selenium	U	U	U	0.61 B	8	2	1.2	9	2 or SB
Silver	0.38 B	0.53 B	0.43 B	0.25 B	5.8	11.2	0.26 B	2	SB
Sodium	18.5 B	42.6 B	25.4 B	U	71.1 B	27.4 B	U	83	SB
Thallium	U	U	U	U	U	U	U	3	SB
Vanadium	3.6 B	6.2 B	5 B	22.4	237	71	6.8 B	0.7	150 or SB
Zinc	7.6	7.5	9.1	9	1,680	457	22.5	7	20 or SB
Cyanide	4.1	U	U	0.049 B	U	0.86	4.1	7	---

QUALIFIERS:

U: Compound analyzed for but not detected
 B: Compound concentration is less than the CRDL
 but greater than the IDL.

NOTES:

SB: Site background

---: not established

*: as per proposed 4/95 NYSDEC TAGM

☐ Indicates value exceeds the NYSDEC Recommended Soil Cleanup Objective

TABLE

BLUE POINT LAUNDRY

SUBSURFACE SOIL SAMPLE RESULTS
TARGET ANALYTE LIST (TAL) METALS AND CYANIDE

SAMPLE ID	BP-SB-SSS-10	BP-SB-SSS-11	BP-SB-SSS-12	BP-SB-SSS-13	BP-SB-SSS-14	BP-SB-VF-1	BP-SB-VF-2	INSITU DETECTION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
SAMPLE DEPTH (FT)	4-6 FT	1-3 FT	1-3 FT	0.5-2.5 FT	1-3 FT	20-22 FT	115-135		
DATE OF COLLECTION	3/31/04	3/31/04	3/31/04	3/31/04	3/31/04	2/12/04	2/12/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	89.0	71.0	86.0	82.0	83.0	93.0	91.0		
UNITS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	ug/l	mg/Kg
Aluminum	1,180	1,660	1,290	1,690	2,920	695	614	17	SB
Antimony	U	U	U	U	U	U	U	3	SB
Arsenic	1.4 B	1.8 B	0.95 B	11.1	6.5	U	0.49 B	3	7.5 or SB
Barium	3.7 B	38 B	5.7 B	239	45	2.7 B	1.8 B	4	300 or SB
Beryllium	0.077 B	0.42 B	0.044 B	0.49 B	0.36 B	U	0.048 B	0.5	0.16 or SB
Cadmium	U	0.53 B	U	U	0.19 B	U	U	0.7	10*
Calcium	166 B	945 B	85 B	812 B	993 B	259 B	95 B	240	SB
Chromium	3.9	3.4	2.5	4.2	4.9	3.1	1.5 B	0.6	50*
Cobalt	0.76 B	3.3 B	0.36 B	2.6 B	1.2 B	0.57 B	0.37 B	0.9	30 or SB
Copper	5	25.7	1.3 B	126	13.6	1.7 B	1.9 B	4	25 or SB
Iron	1,650	1,410	963	10,600	3,120	1,370	882	26	2,000 or SB
Lead	2.5	6.7	2.2	24	79	2	1.7	4	400
Magnesium	114 B	118 B	115 B	141 B	193 B	129 B	100 B	8	SB
Manganese	5.9	13.6	6.3	27.4	26.4	29.2	8.5	0.8	SB
Mercury	U	0.075 B	U	0.064 B	0.12	U	0.082 B	0.1	0.1
Nickel	2.2 B	11.4	1 B	14.3	3.4 B	0.98 B	1.5 B	0.8	13 or SB
Potassium	58.2 B	167 B	52.4 B	148 B	117 B	81.1 B	57.7 B	78	SB
Selenium	0.63 B	0.85 B	0.46 B	3.6	2	U	U	9	2 or SB
Silver	0.13 B	0.2 B	0.12 B	1.1 B	0.53 B	U	0.19 B	2	SB
Sodium	U	U	U	U	U	24.1 B	U	83	SB
Thallium	U	U	U	U	U	U	U	3	SB
Vanadium	6.5 B	50.1	7.4 B	34.7	9 B	2.3 B	2.2 B	0.7	150 or SB
Zinc	15.2	83.9	6	52.5	61.9	4.2	10.3	7	20 or SB
Cyanide	0.18 B	0.17 B	0.067 B	1.4	0.91	U	U	7	----

QUALIFIERS:

U: Compound analyzed for but not detected
 B: Compound concentration is less than the CRDL
 but greater than the IDL.

NOTES:

SB: Site background

----: not established

*: as per proposed 4/95 NYSDEC TAGM

Indicates value exceeds the NYSDEC Recommended Soil Cleanup Objective

TABLE
BLUE POINT LAUNDRY
SEDIMENT SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE ID	BP-SD-1	BP-SD-2	LABORATORY	NYSDEC
DATE OF COLLECTION	2/13/04	2/13/04	QUANTITATION	Recommended
DILUTION FACTOR	1.0	1.0	LIMITS	Soil Cleanup
PERCENT SOLIDS	80.0	51.0		Objectives
UNITS	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
Dichlorodifluoromethane	U	U	10	--
Chloromethane	U	U	10	--
Vinyl Chloride	U	U	10	200
Bromomethane	U	U	10	--
Chloroethane	U	U	10	1900
Trichlorofluoromethane	U	U	10	--
1,1-Dichloroethene	U	U	10	400
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	10	6000
Acetone	U	82	10	200
Carbon Disulfide	U	U	10	2700
Methyl Acetate	U	8 J	10	--
Methylene Chloride	U	U*	10	100
trans-1,2-Dichloroethene	U	U	10	300
Methyl tert-butyl ether	U	U	10	--
1,1-Dichloroethane	U	U	10	200
2-Butanone	U	14 J	10	300
cis-1,2-Dichloroethene	U	U	10	--
Chloroform	U	U	10	300
1,1,1-Trichloroethane	U	U	10	800
Cyclohexane	U	U	10	--
Carbon Tetrachloride	U	U	10	600
1,2-Dichloroethane	U	U	10	100
Benzene	U	U	10	60
Trichloroethene	U	U	10	700
Methylcyclohexane	U	U	10	--
1,2-Dichloropropane	U	U	10	--
Bromodichloromethane	U	U	10	--
cis-1,3-Dichloropropane	U	U	10	--
4-Methyl-2-pentanone	U	U	10	1000
Toluene	U	U	10	1500
trans-1,3-Dichloropropene	U	U	10	--
1,1,2-Trichloroethane	U	U	10	--
Tetrachloroethene	U	U	10	1,400
2-Hexanone	U	U	10	--
Dibromochloromethane	U	U	10	--
1,2-Dibromoethane	U	U	10	--
Chlorobenzene	U	U	10	1,700
Ethylbenzene	U	U	10	5,500
Xylene (total)	U	U	10	1,200
Styrene	U	U	10	--
Bromoform	U	U	10	--
Isopropylbenzene	U	U	10	--
1,1,2,2-Tetrachloroethane	U	U	10	600
1,3-Dichlorobenzene	U	U	10	1,600
1,4-Dichlorobenzene	U	U	10	8,500
1,2-Dichlorobenzene	U	U	10	7,900
1,2-Dibromo-3-chloropropane	U	U	10	--
1,2,4-Trichlorobenzene	U	U	10	3,400
Totals VOCs	0	104	--	--
Totals VOC TICs	0	262	--	--

QUALIFIERS:

U: Constituent analyzed for but not detected.

J: Compound found at a concentration below the detection limit.

U*: Result qualified as non-detect based on validation criteria

NOTES:

--: Not Available

TABLE

BLUE POINT LAUNDRY

SEDIMENT SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID	DATE OF COLLECTION	BP-SD-1	BP-SD-2	LABORATORY	NYSDEC
DILUTION FACTOR	PERCENT SOLIDS	2/13/04	2/13/04	QUANTITATION	Recommended
UNITS		1.0	1.0	LIMITS	Soil Cleanup
		ug/Kg	ug/Kg	(ug/Kg)	Objectives
Benzaldehyde		U	130 J	550	---
Phenol		U	U	550	30 OR MDL
bis(2-Chloroethyl) ether		U	U	550	---
2-Chlorophenol		U	U	550	800
2-Methylphenol		U	U	550	100 OR MDL
2,2-Oxybis (1-Chloropropane)		U	U	550	---
Acetophenone		U	110 J	550	---
4-Methylphenol		U	120 J	550	900
N-Nitroso-di-n-propylamine		U	U	550	---
Hexachloroethane		U	U	550	---
Nitrobenzene		U	U	550	200 OR MDL
Isophorone		U	U	550	4,400
2-Nitrophenol		U	U	550	330 OR MDL
2,4-Dimethylphenol		U	U	550	---
2,4-Dichlorophenol		U	U	550	400
Naphthalene		U	U	550	13,000
4-Chloroaniline		U	U	550	220 OR MDL
bis (2-Chloroethoxy) methane		U	U	550	---
Hexachlorobutadiene		U	U	550	---
Caprolactam		U	U	330	---
4-Chloro-3-methylphenol		U	U	550	240 OR MDL
2-Methylnaphthalene		U	71 J	550	36,400
Hexachlorocyclopentadiene		U	U	550	---
2,4,6-Trichlorophenol		U	U	1400	---
2,4,5-Trichlorophenol		U	U	550	100
1,1-Biphenyl		U	U	330	---
2-Chloronaphthalene		U	U	1400	---
2-Nitroaniline		U	U	550	430 OR MDL
Dimethylphthalate		U	U	550	2,000
2,6-Dinitrotoluene		U	U	550	1,000
Acenaphthylene		U	520 J	550	41,000
3-Nitroaniline		U	U	1400	500 OR MDL
Acenaphthene		99 J	U	550	50,000
2,4-Dinitrophenol		U	U	1400	200 OR MDL
4-Nitrophenol		U	U	1400	100 OR MDL
Dibenzofuran		73 J	130 J	550	6,200

TABLE
BLUE POINT LAUNDRY
SEDIMENT SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs)

SAMPLE ID	BP-SD-1	BP-SD-2	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
DATE OF COLLECTION	2/13/04	2/13/04		
DILUTION FACTOR	1.0	1.0		
PERCENT SOLIDS	80.0	51.0		
UNITS	ug/Kg	ug/Kg	(ug/Kg)	
2,4-Dinitrotoluene	U	U	550	---
Diethylphthalate	U	U	550	7,100
Fluorene	110 J	110 J	550	50,000
4-Chlorophenyl-phenylether	U	U	550	---
4-Nitroaniline	U	U	1400	---
4,6-Dinitro-2-methylphenol	U	U	1400	---
N-Nitrosodiphenylamine	U	U	550	---
4-Bromophenyl-phenylether	U	U	550	---
Hexachlorobenzene	U	U	550	410
Atrazine	U	U	330	---
Pentachlorophenol	U	U	1400	1,000 OR MDL
Phenanthrene	930	2,100	550	50,000
Anthracene	110 J	1,300	550	50,000
Carbazole	110 J	580 J	550	---
Di-n-butylphthalate	U	U	550	8,100
Fluoranthene	1,000	5,100	550	50,000
Pyrene	770	4,100	550	50,000
Butylbenzylphthalate	U	U	550	50,000
3,3'-Dichlorobenzidine	U	U	550	---
Benzo (a) anthracene	330 J	2,100	550	224 OR MDL
Chrysene	450	4,500	550	400
bis(2-Ethylhexyl)phthalate	U*	U*	550	50,000
Di-n-octylphthalate	U	U	550	50,000
Benzo(b)fluoranthene	410 J	5,200	550	1,100
Benzo(k)fluoranthene	160 J	5,300	550	1,100
Benzo(a)pyrene	280 J	2,000	550	61 OR MDL
Indeno(1,2,3-cd)pyrene	170 J	1,300	550	3,200
Dibenzo(a,h)anthracene	51 J	380 J	550	14 OR MDL
Benzo(g,h,i)perylene	190 J	1,300	550	50,000
Total PAHs	5,060	35,310	---	---
Total Carcinogen PAHs	1,851	20,780		10,000
Total SVOCs	5,243	36,321		500,000
Total SVOC TICs	2,965	13,850		500,000

QUALIFIERS:

U: Compound analyzed for but not detected

J: Compound found at a concentration below the CRDL, value estimated

U*: Result qualified as non-detect based on validation criteria

D: Result taken from reanalysis at dilution

NOTES:

---: not established

MDL: Method Detection Limit

Indicates value exceeds NYSDEC recommended Soil Cleanup Objective

TABLE

BLUE POINT LAUNDRY

SEDIMENT SAMPLE RESULTS
TARGET ANALYTE LIST (TAL) METALS AND CYANIDE

SAMPLE ID	BP-SD-1 2/13/04 mg/Kg	BP-SD-2 2/13/04 mg/Kg	INSTRUMENT DETECTION LIMITS ug/l	NYSDEC Recommended Soil Cleanup Objectives mg/Kg
DATE OF COLLECTION	1.0	1.0		
DILUTION FACTOR	80.0	51.0		
PERCENT SOLIDS				
UNITS				
Aluminum	818	4,520	17	SB
Antimony	U	1.7 B	3	SB
Arsenic	0.91 B	5	3	7.5 or SB
Barium	9 B	61.6 B	4	300 or SB
Beryllium	U	U	0.5	0.16 or SB
Cadmium	U	0.65 B	0.7	10*
Calcium	1680	10,200	240	SB
Chromium	5.9	15.4	0.6	50*
Cobalt	0.78 B	3.2 B	0.9	30 or SB
Copper	7	40.9	4	25 or SB
Iron	3,350	13,800	26	2,000 or SB
Lead	12.2	104	4	400
Magnesium	1060	1820	8	SB
Manganese	40.8	172	0.8	SB
Mercury	U	0.16 B	0.1	0.1
Nickel	2.5 B	12.7 B	0.8	13 or SB
Potassium	102 B	574 B	78	SB
Selenium	U	U	9	2 or SB
Silver	U	U	2	SB
Sodium	64.6 B	103 B	83	SB
Thallium	U	U	3	SB
Vanadium	7.2 B	29.2	0.7	150 or SB
Zinc	23.3	205	7	20 or SB
Cyanide	U	0.5 B	7	---

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound concentration is less than the CRDL
but greater than the IDL.

NOTES:

SB: Site background

----: not established

*: as per proposed 4/95 NYSDEC TAGM

Indicates value exceeds the NYSDEC Recommended Soil Cleanup Objective

TABLE
BLUE POINT LAUNDRY
GROUNDWATER PROBE SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	BP-GW-1	BP-GW-2	BP-GW-3	BP-SB-GW-1	BP-SB-GW-2	BP-SB-GW-3	BP-SB-GW-4	BP-SB-GW-5	Contract Required Detection Limits	NYSDEC Class GA Standard or Guidance Value
DATE OF COLLECTION	03/30/04	03/30/04	03/30/04	02/11/04	02/11/04	02/11/04	02/11/04	02/13/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	10	5 ST
Chloromethane	U	U	U	U	U	U	U	U	10	5 ST
Vinyl Chloride	U	U	U	U	U	U	U	U	10	2 ST
Bromomethane	U	U	U	U	U	U	U	U	10	5 ST
Chloroethane	U	U	U	U	U	U	U	U	10	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	10	5 ST
1,1-Dichloroethene	U	U	U	U	U	U	U	U	10	5 ST
Acetone	U	U	U	U	U	U	U	U	10	50GV
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	10	5 ST
Carbon Disulfide	U	U	U	U	U	U	U	U	10	---
Methyl Acetate	U	U	U	U	U	U	U	U	10	---
Methylene Chloride	U	U	U	U	U	U	U	U	10	5 ST
trans-1,2-dichloroethene	U	U	U	U	U	U	U	U	10	5 ST
Methyl tert-Butyl Ether	U	U	2 J	2 J	3 J	U	U	U	10	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	U	U	10	5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	U	U	U	10	5 ST
2-Butanone	U	U	U	U	U	U	U	U	10	50GV
Chloroform	U	U	U	U	U	U	U	U	10	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U	10	5 ST
Cyclohexane	1 J	U	U	U	U	U	U	U	10	---
Carbon Tetrachloride	U	U	U	U	U	U	U	U	10	5 ST
Benzene	3 J	U	U	U	U	U	U	U	10	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	10	0.6 ST
Trichloroethene	U	U	U	U	U	U	U	U	10	5 ST
Methylcyclohexane	1 J	U	U	U	U	U	U	U	10	---
1,2-Dichloropropane	U	U	U	U	U	U	U	U	10	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	10	50GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	10	0.4 ST *
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	10	---
Toluene	U	U	U	U	U	U	U	U	10	5 ST
Trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	10	0.4 ST *
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	10	1 ST
Tetrachloroethene	U	U	U	U	U	U	U	U	10	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	10	50GV
Dibromochloromethane	U	U	U	U	U	U	U	U	10	50GV
1,2-Dibromochloroethane	U	U	U	U	U	U	U	U	10	---
Chlorobenzene	U	U	U	U	U	U	U	U	10	5 ST
Ethylbenzene	9 J	U	U	U	U	U	U	U	10	5 ST
Total Xylenes	U	U	U	U	U	U	U	U	10	5 ST
Styrene	U	U	U	U	U	U	U	U	10	5 ST
Bromoform	U	U	U	U	U	U	U	U	10	50GV
Isopropylbenzene	1 J	U	U	U	U	U	U	U	10	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	10	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	10	3 ST
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	10	3 ST
1,2-Dichlorobenzene	1 J	U	U	U	U	U	U	U	10	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	U	10	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	10	5 ST
Total VOCs	16	0	2	2	3	0	0	0	---	---
Total VOC TICs	28	0	0	0	0	0	0	0	---	---

QUALIFIERS:

U: Compound analyzed for but not detected
J: Compound found at a concentration below the CRDL, value estimated
D: Result taken from reanalysis at a secondary dilution

NOTES:

*: Applies to sum of the cis and trans isomers
Not applicable.
GV: Guidance Value
ST: Standard
---: Not established.

TABLE

BLUE POINT LAUNDRY

GROUNDWATER PROBE SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	BP-SB-GW-6	BP-SB-GW-7	BP-SB-GW-8	BP-SB-GW-9	BP-SB-GW-10	BP-SB-GW-11	BP-SB-GW-12	BP-SB-GW-13	Contract Required	NYSDEC Class, GA
DATE OF COLLECTION	02/12/04	02/12/04	02/12/04	02/13/04	02/13/04	02/13/04	03/29/04	03/29/04	Detection Limits	Standard or
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		Guidance Value
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	10	5 ST
Chloromethane	U	U	U	U	U	U	U	U	10	5 ST
Vinyl Chloride	U	U	U	U	U	U	U	U	10	2 ST
Bromomethane	U	U	U	U	U	U	U	U	10	5 ST
Chloroethane	U	U	U	U	U	U	U	U	10	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	10	5 ST
1,1-Dichloroethene	U	U	U	U	U	U	U	U	10	5 ST
Acetone	U	U	U	U	U	U	U	U	10	50GV
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	10	5 ST
Carbon Disulfide	U	U	U	U	U	U	U	U	10	---
Methyl Acetate	U	U	U	U	U	U	U	U	10	---
Methylene Chloride	U	U	U	U	U	U	U	U	10	5 ST
trans-1,2-dichloroethene	U	U	U	U	U	U	U	U	10	5 ST
Methyl ten-Butyl Ether	U	U	U	U	U	U	U	U	10	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	U	U	10	5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	U	U	U	10	5 ST
2-Butanone	U	U	U	U	U	U	U	U	10	50GV
Chloroform	U	U	U	U	U	U	U	U	10	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U	10	5 ST
Cyclohexane	U	U	U	5 J	U	U	U	U	10	---
Carbon Tetrachloride	U	U	U	U	U	U	U	U	10	5 ST
Benzene	U	U	U	13	U	U	U	U	10	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	10	0.6 ST
Trichloroethene	U	U	U	U	U	U	U	U	10	5 ST
Methylcyclohexane	U	U	U	6 J	U	U	U	U	10	---
1,2-Dichloropropane	U	U	U	U	U	U	U	U	10	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	10	50GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	10	0.4 ST *
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	10	---
Toluene	U	U	U	U	U	U	U	U	10	5 ST
Trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	10	0.4 ST *
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	10	1 ST
Tetrachloroethene	U	U	U	U	U	U	U	U	10	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	10	50GV
Dibromochloromethane	U	U	U	U	U	U	U	U	10	50GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	10	---
Chlorobenzene	U	U	U	U	U	U	U	U	10	5 ST
Ethylbenzene	U	U	U	10	U	U	U	U	10	5 ST
Total Xylenes	U	U	U	35	U	U	U	U	10	5 ST
Styrene	U	U	U	U	U	U	U	U	10	5 ST
Bromoform	U	U	U	U	U	U	U	U	10	50GV
Isopropylbenzene	U	U	U	5 J	U	U	U	U	10	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	10	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	10	3 ST
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	10	3 ST
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	10	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	U	10	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	10	5 ST
Total VOCs	0	0	0	74	0	0	0	0	---	---
Total VOC TICs	0	0	0	630	0	0	10	0	---	---

QUALIFIERS:

U: Compound analyzed for but not detected

J: Compound found at a concentration below the CRDL, value estimated

D: Result taken from reanalysis at a secondary dilution

NOTES:

*:Applies to sum of the cis and trans isomers

Not applicable.

GV: Guidance Value

ST: Standard

----: Not established.

TABLE

BLUE POINT LAUNDRY

GROUNDWATER PROBE SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION DATE OF COLLECTION ANALYST UNITS	BP-GW-1 02/11/04 1.0 ug/L	BP-GW-2 02/11/04 1.0 ug/L	BP-GW-3 02/11/04 1.0 ug/L	BP-SB-GW-1 02/11/04 1.0 ug/L	BP-SB-GW-2 02/11/04 1.0 ug/L	BP-SB-GW-3 02/11/04 1.0 ug/L	BP-SB-GW-4 02/11/04 1.0 ug/L	BP-SB-GW-5 02/11/04 1.0 ug/L	Contract Required Detection Limit ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
Benzaldehyde	U	U	U	U	U	U	U	U	10	----
Phenol	U	U	U	U	U	U	U	U	10	1 ST *
Bis(2-Chloroethyl)ether	U	U	U	U	U	U	U	U	10	1 ST
2-Chlorophenol	U	U	U	U	U	U	U	U	10	1 ST *
2-Methylphenol	U	U	U	U	U	U	U	U	10	1 ST *
2,2-Oxybis (1-Chloropropane)	U	U	U	U	U	U	U	U	10	----
Acetophenone	U	U	U	U	U	U	U	U	10	----
4-Methylphenol	U	U	U	U	U	U	U	U	10	1 ST *
N-Nitroso-di-n-propylamine	U	U	U	U	U	U	U	U	10	----
Hexachloroethane	U	U	U	U	U	U	U	U	10	----
Nitrobenzene	U	U	U	U	U	U	U	U	10	3 ST
Isophorone	U	U	U	U	U	U	U	U	10	0.4 ST
2-Nitrophenol	U	U	U	U	U	U	U	U	10	50 GV
2,4-Dimethylphenol	2 J	U	U	U	U	U	U	U	10	----
Bis(2-Chloroethoxy)methane	U	U	U	U	U	U	U	U	10	1 ST *
2,4-Dichlorophenol	U	U	U	U	U	U	U	U	10	3 ST
Naphthalene	2 J	U	U	U	U	U	U	U	10	1 ST *
4-Chloroaniline	U	U	U	U	U	U	U	U	10	10 GV
Hexachlorobutadiene	U	U	U	U	U	U	U	U	10	5 ST
Caprolactam	U	U	U	U	U	U	U	U	10	----
4-Chloro-3-methylphenol	U	U	U	U	U	U	U	U	10	----
2-Methylnaphthalene	2 J	U	U	U	U	U	U	U	10	5 ST
Hexachlorocyclopentadiene	U	U	U	U	U	U	U	U	10	----
2,4,6-Trichlorophenol	U	U	U	U	U	U	U	U	25	----
2,4,5-Trichlorophenol	U	U	U	U	U	U	U	U	10	5 GV
1,1'-Biphenyl	2 J	U	U	U	U	U	U	U	10	10 GV
2-Chloronaphthalene	U	U	U	U	U	U	U	U	25	3 ST
2-Nitroaniline	U	U	U	U	U	U	U	U	10	50 GV
Dimethylphthalate	U	U	U	U	U	U	U	U	10	5 ST
2,6-Dinitroaniline	U	U	U	U	U	U	U	U	10	----
Acenaphthylene	U	U	U	U	U	U	U	U	10	----
3-Nitroaniline	U	U	U	U	U	U	U	U	25	5 ST
Acenaphthene	1 J	U	U	U	U	U	U	U	10	----
2,4-Dinitrophenol	U	U	U	U	U	U	U	U	25	20 GV
4-Nitrophenol	U	U	U	U	U	U	U	U	25	1 ST *
Dibenzofuran	U	U	U	U	U	U	U	U	10	----

TABLE

BLUE POINT LAUNDRY

GROUNDWATER PROBE SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

COMPOUND	BP-GW-1 02/11/04 ug/L	BP-GW-2 02/11/04 ug/L	BP-GW-3 02/11/04 ug/L	BP-GW-4 02/11/04 ug/L	BP-GW-5 02/11/04 ug/L	Contract Required Detection Limits ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
2,4-Dinitrotoluene	U	U	U	U	U	10	5 ST
Diethylphthalate	U	U	U	U	U	10	50 GV
Fluorene	1 J	U	U	U	U	10	50 GV
4-Chlorophenyl-phenylether	U	U	U	U	U	10	----
4-Nitroaniline	U	U	U	U	U	25	5 ST
4,6-Dinitro-2-methylphenol	U	U	U	U	U	25	----
N-Nitrosodiphenylamine	U	U	U	U	U	10	50 GV
4-Bromophenyl-phenylether	U	U	U	U	U	10	----
Hexachlorobenzene	U	U	U	U	U	10	0.04 ST
Atrazine	U	U	U	U	U	10	7.5 ST
Pentachlorophenol	U	U	U	U	U	25	1 ST *
Phenanthrene	2 J	U	U	U	U	10	50 GV
Anthracene	U	U	U	U	U	10	50 GV
Carbazole	2 J	U	U	U	U	10	50 ST
Di-n-butylphthalate	U	U	U	U	U	10	50 GV
Fluoranthene	U	U	U	U	U	10	50 GV
Pyrene	U	U	U	U	U	10	50 GV
Buylbenzylphthalate	U	U	U	U	U	10	5 ST
3,3'-Dichlorobenzidine	U	U	U	U	U	10	0.002 GV
Benzo (a) anthracene	U	U	U	U	U	10	0.002 GV
Chrysene	3 J	U	U	U	U	10	5 ST
bis(2-Ethylhexyl)phthalate	U	U	U	U	U	10	5 ST
Di-sec-butylphthalate	U	U	U	U	U	10	50 GV
Benzo(b)fluoranthene	U	U	U	U	U	10	0.002 GV
Benzo(k)fluoranthene	U	U	U	U	U	10	0.002 GV
Benzo(e)pyrene	U	U	U	U	U	10	ND ST
Indeno(1,2,3-cd)pyrene	U	U	U	U	U	10	0.002 GV
Dibenz(a,h)anthracene	U	U	U	U	U	10	----
Benzog(k,l)perylene	U	U	U	U	U	10	----
Total PAHs	8	0	0	0	0	----	----
Total Carcinogen PAHs	0	0	0	0	0	----	----
Total SVOCs	17	2	2	2	2	----	----
Total SVOC TICs	225	0	5	22	7	----	----

QUALIFIERS:

U: Compound analyzed for but not detected.

J: Compound found at a concentration below the CRDL, value estimated

U* Result qualified as Non-detect based on validation criteria

NOTES:

*Applies to total phenols

GV: Guidance Value

ST: Standard

----: Not established.

: Indicates value exceeds standard or guidance value.

TABLE

BLUE POINT LAUNDRY
GROUNDWATER PROBE SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION DATE OF COLLECTION QUANTITY FACTOR UNITS	BP-SB-GW-6 02/12/04 1.0 ug/L	BP-SB-GW-7 02/12/04 1.0 ug/L	BP-SB-GW-8 02/12/04 1.0 ug/L	BP-SB-GW-9 02/13/04 1.0 ug/L	BP-SB-GW-10 02/13/04 1.0 ug/L	BP-SB-GW-11 03/30/04 1.0 ug/L	BP-SB-GW-12 03/29/04 1.0 ug/L	BP-SB-GW-13 03/29/04 1.0 ug/L	Contract Required Detection Limits ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
Benzaldehyde	U	U	U	U	U	U	U	U	10	----
Phenol	U	U	U	U	U	U	U	U	10	1 ST *
Butyl-Chloroethyl-ether	U	U	U	U	U	U	U	U	10	1 ST *
2-Chlorophenol	U	U	U	U	U	U	U	U	10	1 ST *
2-Methylphenol	U	U	U	U	U	U	U	U	10	1 ST *
2,2-Dimethylphenol	U	U	U	U	U	U	U	U	10	1 ST *
Acetophenone	U	U	U	U	U	U	U	U	10	----
4-Methylphenol	U	U	U	U	U	U	U	U	10	1 ST *
N-Nitroso-di-n-propylamine	U	U	U	U	U	U	U	U	10	----
Hexachloroethane	U	U	U	U	U	U	U	U	10	5 ST
Nitrobenzene	U	U	U	U	U	U	U	U	10	0.4 ST
Isophorone	U	U	U	U	U	U	U	U	10	50 GV
2-Nitrophenol	U	U	U	U	U	U	U	U	10	----
2,4-Dimethylphenol	U	U	U	U	U	U	U	U	10	1 ST *
Butyl-Chloroethoxymethane	U	U	U	U	U	U	U	U	10	5 ST
2,4-Dichlorophenol	U	U	5 J	U	3 J	U	U	U	10	10 GV
Naphthalene	U	U	31	U	U	U	U	U	10	5 ST
4-Chloroaniline	U	U	U	U	U	U	U	U	10	0.4 ST
Hexachlorobutadiene	U	U	U	U	U	U	U	U	10	----
Caprolactam	U	U	U	U	U	U	U	U	10	----
4-Chloro-3-methylphenol	U	U	U	U	U	U	U	U	10	5 ST
2-Methylnaphthalene	U	U	U	U	U	U	U	U	10	----
Hexachlorocyclopentadiene	U	U	5 J	U	8 J	U	U	U	10	5 GV
2,4,6-Trichlorophenol	U	U	U	U	U	U	U	U	25	10 GV
2,4,5-Trichlorophenol	U	U	U	U	U	U	U	U	25	5 ST
1,1'-Biphenyl	U	U	U	1 J	U	U	U	U	10	50 GV
2-Chloronaphthalene	U	U	U	U	U	U	U	U	10	5 ST
2-Nitroaniline	U	U	U	U	U	U	U	U	10	----
Dimethylphthalate	U	U	U	U	U	U	U	U	25	5 ST
2,6-Dinitrotoluene	U	U	U	U	U	U	U	U	25	20 GV
Acenaphthylene	U	U	U	U	U	U	U	U	10	1 ST *
3-Nitroaniline	U	U	U	U	U	U	U	U	25	----
Acenaphthene	U	U	U	2 J	U	U	U	U	25	1 ST *
2,4-Dinitrophenol	U	U	U	U	U	U	U	U	10	----
4-Nitrophenol	U	U	U	U	U	U	U	U	25	----
Dibenzofuran	U	U	U	U	U	U	U	U	10	----

TABLE

BLUE POINT LAUNDRY
GROUNDWATER PROBE SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR UNITS	BP-SB-GW-6 02/13/04 1.0 ug/L	BP-SB-GW-8 02/12/04 1.0 ug/L	BP-SB-GW-9 02/13/04 1.0 ug/L	BP-SB-GW-10 02/13/04 1.0 ug/L	BP-SB-GW-11 02/13/04 1.0 ug/L	BP-SB-GW-12 03/29/04 1.0 ug/L	BP-SB-GW-13 03/29/04 1.0 ug/L	Contract Required Detection Limits ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
2,4-Dinitrochlorobenzene	U	U	U	U	U	U	U	10	5 ST 50 GV
Diethylphthalate	U	U	U	U	U	U	U	10	50 GV
Fluorene	U	3 J	4 J	U	U	U	U	10	50 GV
4-Chlorophenyl-phenylether	U	U	U	U	U	U	U	10	50 GV
4-Nitroaniline	U	U	U	U	U	U	U	25	5 ST
4,6-Dinitro-2-methylphenol	U	U	U	U	U	U	U	25	50 GV
N-Nitrosodiphenylamine	U	U	U	U	U	U	U	10	50 GV
4-Bromophenyl-phenylether	U	U	U	U	U	U	U	10	50 GV
Hexachlorobenzene	U	U	U	U	U	U	U	10	50 GV
Atrazine	U	U	U	U	U	U	U	10	50 GV
Phenanthrene	U	2 J	12	2 J	U	U	U	10	50 ST
Benzo(a)anthracene	U	1 J	2 J	U	U	U	U	10	50 GV
Carbazole	U	U	6 J	U	U	U	U	10	50 GV
Di-n-butylphthalate	U	U	U	U	U	U	U	10	50 GV
Fluoranthene	U	U	1 J	U	U	U	U	10	50 GV
Pyrene	U	U	3 J	U	U	U	U	10	50 GV
Benz(b)fluoranthene	U	U	U	U	U	U	U	10	50 GV
3,3'-Dichlorobenzidine	U	U	U	U	U	U	U	10	50 GV
Benzo (a) anthracene	U	U	U	U	U	U	U	10	50 GV
Chrysene	U	U	1 J	U	U	U	U	10	50 GV
Benz(a)anthracene	U	U	2 J	2 J	2 J	2 J	1 J	10	50 GV
Benz(b)fluoranthene	U	U	3 J	U	U	U	U	10	50 GV
Di-sec-butylphthalate	U	U	U	U	U	U	U	10	50 GV
Benzo(b)fluoranthene	U	U	U	U	U	U	U	10	50 GV
Benzo(k)fluoranthene	U	U	U	U	U	U	U	10	50 GV
Benzo(a)pyrene	U	U	U	U	U	U	U	10	50 GV
Indeno(1,2,3-cd)pyrene	U	U	U	U	U	U	U	10	50 GV
Dibenz(a,h)anthracene	U	U	U	U	U	U	U	10	50 GV
Benzofluoranthene	U	U	U	U	U	U	U	10	50 GV
Total PAHs	0	20	127	13	0	0	0	0	0
Total Carcinogen PAHs	0	0	3	0	0	0	0	0	0
Total SVOCs	0	20	137	15	2	2	1	0	0
Total SVOCs TICs	4	221	502	42	4	4	0	0	0

NOTES:

*Applies to total phenols

GV: Guidance Value

ST: Standard

---: Not established.

[]: Indicates value exceeds standard or guidance value.

QUALIFIERS:

U: Compound analyzed for but not detected.

J: Compound found at a concentration below the CRDL, value estimated

U* Result qualified as Non-detect based on validation criteria

TABLE

BLUE POINT LAUNDRY

GROUNDWATER PROBE SAMPLE RESULTS
HERBICIDES

SAMPLE IDENTIFICATION DATE OF COLLECTION DILUTION FACTOR UNITS	BP-GW-1 03/30/04 ug/L	BP-GW-2 03/30/04 ug/L	BP-GW-3 03/30/04 ug/L	Contract Required Detection Limits ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
Delapron	U	U	U	2.5	50 ST
Dicamba	U	U	U	0.10	0.44 ST
MCPP	U	U	U	100	----
MCPA	U	U	U	100	----
Dichloroprop	U	U	U	1.0	----
2,4-D	1.5	U	U	1.0	50 ST
2,4,5-TP (Silvex)	U	U	U	0.10	0.26 ST
2,4,5-T	U	U	U	0.10	35 ST
2,4-DB	U	U	U	1.0	----
Dinoseb	U	U	U	0.50	1 ST*

QUALIFIERS:

U: Compound analyzed for but not detected

NOTES:

ST: Standard

----: Not established.

* Standard applies to total phenols

TABLE

BLUE POINT LAUNDRY

GROUNDWATER PROBE SAMPLE RESULTS
PESTICIDES/PCBs

SAMPLE IDENTIFICATION DATE OF COLLECTION DILUTION FACTOR UNITS	BP-GW-1 03/30/04 1.0 ug/L	BP-GW-2 03/30/04 1.0 ug/L	BP-GW-3 03/30/04 1.0 ug/L	Contract Required Detection Limits ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
alpha-BHC	U	U	U	0.050	----
beta-BHC	U	U	U	0.050	----
delta-BHC	U	U	U	0.050	----
gamma-BHC (Lindane)	U	U	U	0.050	----
Heptachlor	U	U	U	0.050	0.04 ST
Aldrin	U	U	U	0.050	ND ST
Heptachlor epoxide	U	U	U	0.050	0.03 ST
Endosulfan I	U	U	U	0.050	----
Dieldrin	U	U	U	0.10	----
4,4'-DDE	U	U	U	0.10	0.2 ST
Endrin	U	U	U	0.10	ND ST
Endosulfan II	U	U	U	0.10	----
4,4'-DDD	U	U	U	0.10	0.3 ST
Endosulfan sulfate	U	U	U	0.10	----
4,4'-DDT	U	U	U	0.10	0.2 ST
Methoxychlor	U	U	U	0.50	35 ST
Endrin ketone	U	U	U	0.10	5 ST
Endrin aldehyde	U	U	U	0.10	5 ST
alpha-Chlordane	U	0.07 P	U	0.050	0.05 ST
gamma-Chlordane	U	U	U	0.050	0.05 ST
Toxaphene	U	U	U	5.0	0.06 ST
Aroclor-1016	U	U	U	1.0	0.09*
Aroclor-1221	U	U	U	2.0	0.09*
Aroclor-1232	U	U	U	1.0	0.09*
Aroclor-1242	U	U	U	1.0	0.09*
Aroclor-1248	U	U	U	1.0	0.09*
Aroclor-1254	U	U	U	1.0	0.09*
Aroclor-1260	U	U	U	1.0	0.09*

QUALIFIERS:

U: Compound analyzed for but not detected

NOTES:

ST: Standard

ND: Not detected

----: Not established

* Standard applies to the sum of these substances

TABLE

BLUE POINT LAUNDRY

GROUNDWATER PROBE SAMPLE RESULTS

TARGET ANALYTE LIST METALS

SAMPLE IDENTIFICATION	BP-GW-1	BP-GW-2	BP-GW-3	Instrument	NYSDEC Class GA
DATE OF COLLECTION	02/13/04	03/30/04	03/30/04	Detection Limits	Standard or
DILUTION FACTOR	1.0	1.0	1.0		Guidance Value
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L
Aluminum	5410	51.9 B	191 B	5.0	----
Antimony	2.9 B	U	U	2.0	3 ST
Arsenic	6.6 B	6.8 B	5.6 B	2.0	25 ST
Barium	66 B	33 B	13 B	0.2	1,000 ST
Beryllium	U	U	U	0.2	3 GV
Cadmium	U	0.72 B	0.39 B	0.2	5 ST
Calcium	169,000	19,100	24,300	45	----
Chromium	32.8	1.2 B	5.1 B	0.4	50 ST
Cobalt	1.8 B	1.7 B	2.5 B	0.2	----
Copper	23.4 B	10.1 B	12.5 B	2.0	200 ST
Iron	6,180	595	2,280	4.0	300 ST *
Lead	6.8	U	U	0.6	25 ST
Magnesium	6,430	3,280 B	3800 B	4.0	35,000 GV
Manganese	134	24	290	2.0	300 ST *
Mercury	U	U	U	0.1	0.7 ST
Nickel	11.1 B	6.3 B	10.5 B	0.3	100 ST
Potassium	11,300	2,380 B	2,480 B	71	----
Selenium	7.1	U	U	2.0	10 ST
Silver	U	3.80 B	3.80 B	0.3	50 ST
Sodium	24,200	8380	14800	46	20,000 ST
Thallium	U	U	U	2.0	0.5 GV
Vanadium	16.4 B	1.2 B	1.5 B	0.5	----
Zinc	28	48.9	64.3	2.0	2,000 GV
Cyanide	U	4 B	U	3.0	200 ST

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound concentration is less than the CRDL

but greater than the IDL.

NOTES:

ST: Standard

GV: Guidance Value

----: Not established.

*: Standard for the sum of Iron and Manganese is 500 ug/l

☐ Indicates value exceeds NYSDEC Class GA standard or guidance value.

TABLE

BLUE POINT LAUNDRY

VERTICAL PROFILE GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	BP-GW-VP-1	BP-GW-VP-1	BP-GW-VP-1	BP-GW-VP-1	BP-GW-VP-1	BP-GW-VP-1	Contract Required	NYSDEC Class GA
SAMPLE DEPTH	26-30 FT	36-40 FT	46-50 FT	56-60 FT	66-70 FT	76-80 FT	Detection Limits	Standard or
DATE OF COLLECTION	02/12/04	02/12/04	02/12/04	02/12/04	02/12/04	02/12/04		Guidance Value
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0		
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	10	5 ST
Chloromethane	U	U	U	U	U	U	10	5 ST
Vinyl Chloride	U	U	U	U	U	U	10	2 ST
Bromomethane	U	U	U	U	U	U	10	5 ST
Chloroethane	U	U	U	U	U	U	10	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	10	5 ST
1,1-Dichloroethene	U	U	U	U	U	U	10	5 ST
Acetone	U	U	U	U	U	U	10	50GV
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	10	5 ST
Carbon Disulfide	U	U	U	U	U	U	10	---
Methyl Acetate	U	U	U	U	U	U	10	---
Methylene Chloride	U	U	U	U	U	U	10	5 ST
trans-1,2-dichloroethene	U	U	U	U	U	U	10	5 ST
Methyl tert-Butyl Ether	U	U	U	U	U	U	10	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	10	5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	U	10	5 ST
2-Butanone	U	U	U	U	U	U	10	50GV
Chloroform	U	U	U	U	U	U	10	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U	10	5 ST
Cyclohexane	U	U	U	U	U	U	10	---
Carbon Tetrachloride	U	U	U	U	U	U	10	5 ST
Benzene	U	U	U	U	U	U	10	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	10	0.6 ST
Trichloroethene	U	U	U	U	U	U	10	5 ST
Methylcyclohexane	U	U	U	U	U	U	10	---
1,2-Dichloropropane	U	U	U	U	U	U	10	1 ST
Bromodichloromethane	U	U	U	U	U	U	10	50GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	10	0.4 ST *
4-Methyl-2-Pentanone	U	U	U	U	U	U	10	---
Toluene	U	U	U	U	U	U	10	5 ST
Trans-1,3-Dichloropropene	U	U	U	U	U	U	10	0.4 ST *
1,1,2-Trichloroethane	U	U	U	U	U	U	10	1 ST
Tetrachloroethene	U	U	U	U	U	U	10	5 ST
2-Hexanone	U	U	U	U	U	U	10	50GV
Dibromochloromethane	U	U	U	U	U	U	10	50GV
1,2-Dibromoethane	U	U	U	U	U	U	10	---
Chlorobenzene	U	U	U	U	U	U	10	5 ST
Ethylbenzene	U	U	U	U	U	U	10	5 ST
Total Xylenes	U	U	U	U	U	U	10	5 ST
Styrene	U	U	U	U	U	U	10	5 ST
Bromoforn	U	U	U	U	U	U	10	50GV
Isopropylbenzene	U	U	U	U	U	U	10	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	10	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	10	3 ST
1,4-Dichlorobenzene	U	U	U	U	U	U	10	3 ST
1,2-Dichlorobenzene	U	U	U	U	U	U	10	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	10	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	10	5 ST
Total VOCs	0	0	0	0	0	1	---	---
Total VOC TICs	0	21	0	0	0	0	---	---

QUALIFIERS:

U: Compound analyzed for but not detected

J: Compound found at a concentration below the CRDL, value estimated

NOTES:

*: Applies to sum of the cis and trans isomers

GV: Guidance Value

ST: Standard

---: Not established.

: Result exceeds NYSDEC Class GA Standard or Guidance Value

TABLE

BLUE POINT LAUNDRY

VERTICAL PROFILE GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	BP-GW-VP-1	BP-GW-VP-2	BP-GW-VP-2	BP-GW-VP-2	BP-GW-VP-2	BP-GW-VP-2	Contract Required Detection Limits	NYSDEC Class GA Standard or Guidance Value
SAMPLE DEPTH FY	86-90	16-20	16-30	36-40	46-50	56-60		
DATE OF COLLECTION	02/12/04	03/29/04	03/29/04	03/29/04	03/29/04	03/29/04		
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0		
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	10	5 ST
Chloromethane	U	U	U	U	U	U	10	5 ST
Vinyl Chloride	U	U	U	U	U	U	10	2 ST
Bromomethane	U	U	U	U	U	U	10	5 ST
Chloroethane	U	U	U	U	U	U	10	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	10	5 ST
1,1-Dichloroethene	U	U	U	U	U	U	10	5 ST
Acetone	U	U	U	U	U	U	10	50GV
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	10	5 ST
Carbon Disulfide	U	U	U	U	U	U	10	----
Methyl Acetate	U	U	U	U	U	U	10	----
Methylene Chloride	U	U	U	U	U	U	10	5 ST
trans-1,2-dichloroethene	U	U	U	U	U	U	10	5 ST
Methyl tert-Butyl Ether	U	U	U	U	U	U	10	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	10	5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	U	10	5 ST
2-Butanone	U	U	U	U	U	U	10	50GV
Chloroform	U	U	U	U	U	U	10	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U	10	5 ST
Cyclohexane	U	U	U	U	U	U	10	----
Carbon Tetrachloride	U	U	U	U	U	U	10	5 ST
Benzene	U	U	U	U	U	U	10	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	10	0.6 ST
Trichloroethene	U	U	U	U	U	U	10	5 ST
Methylcyclohexane	U	U	U	U	U	U	10	----
1,2-Dichloropropane	U	U	U	U	U	U	10	1 ST
Bromodichloromethane	U	U	U	U	U	U	10	50GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	10	0.4 ST *
4-Methyl-2-Pentanone	U	U	U	U	U	U	10	----
Toluene	U	U	U	U	U	U	10	5 ST
Trans-1,3-Dichloropropene	U	U	U	U	U	U	10	0.4 ST *
1,1,2-Trichloroethane	U	U	U	U	U	U	10	1 ST
Tetrachloroethene	U	44	2 J	2 J	2 J	3 J	10	5 ST
2-Hexanone	U	U	U	U	U	U	10	50GV
Dibromochloromethane	U	U	U	U	U	U	10	50GV
1,2-Dibromoethane	U	U	U	U	U	U	10	----
Chlorobenzene	U	U	U	U	U	U	10	5 ST
Ethylbenzene	U	U	U	U	U	U	10	5 ST
Total Xylenes	U	1 J	U	U	U	U	10	5 ST
Styrene	U	U	U	U	U	U	10	5 ST
Bromoform	U	U	U	U	U	U	10	50GV
Isopropylbenzene	U	11	U	U	U	U	10	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	10	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	10	3 ST
1,4-Dichlorobenzene	U	U	U	U	U	U	10	3 ST
1,2-Dichlorobenzene	U	U	U	U	U	U	10	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	10	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	10	5 ST
Total VOCs	0	56	2	2	2	3	----	----
Total VOC + TICs	0	4,021	32	33	28	67	----	----

QUALIFIERS:

U: Compound analyzed for but not detected

J: Compound found at a concentration below the CRDL, value estimated

NOTES:

*: Applies to sum of the cis and trans isomers

GV: Guidance Value

ST: Standard

----: Not established.

: Result exceeds NYSDEC Class GA Standard or Guidance Value

TABLE

BLUE POINT LAUNDRY

VERTICAL PROFILE GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	BP-GW-VF-2	BP-GW-VF-2	BP-GW-VF-2				Contract Required	NYSDEC Class/GA
SAMPLE DEPTH FY	66-70	76-80	86-90				Detection Limits	Standard or
DATE OF COLLECTION	03/29/04	03/29/04	03/29/04					Guidance Value
DILUTION FACTOR	1.0	1.0	1.0					
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U				10	5 ST
Chloromethane	U	U	U				10	5 ST
Vinyl Chloride	U	U	U				10	2 ST
Bromomethane	U	U	U				10	5 ST
Chloroethane	U	U	U				10	5 ST
Trichlorofluoromethane	U	U	U				10	5 ST
1,1-Dichloroethene	U	U	U				10	5 ST
Acetone	U	U	U				10	50GV
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U				10	5 ST
Carbon Disulfide	U	U	U				10	----
Methyl Acetate	U	U	U				10	----
Methylene Chloride	U	U	U				10	5 ST
trans-1,2-dichloroethene	U	U	U				10	5 ST
Methyl tert-Butyl Ether	U	U	U				10	10 GV
1,1-Dichloroethane	U	U	U				10	5 ST
cis-1,2-Dichloroethene	U	U	U				10	5 ST
2-Butanone	U	U	U				10	50GV
Chloroform	U	1 J	2 J				10	7 ST
1,1,1-Trichloroethane	U	U	U				10	5 ST
Cyclohexane	U	U	U				10	----
Carbon Tetrachloride	U	U	U				10	5 ST
Benzene	U	U	U				10	1 ST
1,2-Dichloroethane	U	U	U				10	0.6 ST
Trichloroethene	U	U	U				10	5 ST
Methylcyclohexane	U	U	U				10	
1,2-Dichloropropane	U	U	U				10	1 ST
Bromodichloromethane	U	U	U				10	50GV
cis-1,3-Dichloropropene	U	U	U				10	0.4 ST *
4-Methyl-2-Pentanone	U	U	U				10	----
Toluene	U	U	U				10	5 ST
Trans-1,3-Dichloropropene	U	U	U				10	0.4 ST *
1,1,2-Trichloroethane	U	U	U				10	1 ST
Tetrachloroethene	4 J	2 J	2 J				10	5 ST
2-Hexanone	U	U	U				10	50GV
Dibromochloromethane	U	U	U				10	50GV
1,2-Dibromoethane	U	U	U				10	----
Chlorobenzene	U	U	U				10	5 ST
Ethylbenzene	U	U	U				10	5 ST
Total Xylenes	U	U	U				10	5 ST
Styrene	U	U	U				10	5 ST
Bromoform	U	U	U				10	50GV
Isopropylbenzene	U	U	U				10	5 ST
1,1,2,2-Tetrachloroethane	U	U	U				10	5 ST
1,3-Dichlorobenzene	U	U	U				10	3 ST
1,4-Dichlorobenzene	U	U	U				10	3 ST
1,2-Dichlorobenzene	U	U	U				10	3 ST
1,2-Dibromo-3-chloropropane	U	U	U				10	0.04 ST
1,2,4-Trichlorobenzene	U	U	U				10	5 ST
Total VOCs	4	3	4				----	----
Total VOC TICs	126	42	83				----	----

QUALIFIERS:

U: Compound analyzed for but not detected

J: Compound found at a concentration below the CRDL, value estimated

NOTES:

*:Applies to sum of the cis and trans isomers

GV: Guidance Value

ST: Standard

----: Not established.

 : Result exceeds NYSDEC Class GA Standard or Guidance Value

TABLE
BLUE POINT LAUNDRY

VERTICAL PROFILE GROUNDWATER SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION SAMPLE DEPTH DATE OF COLLECTION DILUTION FACTOR UNITS	BP-GW-VP-1 36-50 FT 02/12/04 1.0 ug/L	BP-GW-VP-1 36-40 FT 02/12/04 1.0 ug/L	BP-GW-VP-1 46-50 FT 02/12/04 1.0 ug/L	BP-GW-VP-1 56-60 FT 02/12/04 1.0 ug/L	BP-GW-VP-1 66-70 FT 02/12/04 1.0 ug/L	BP-GW-VP-1 76-80 FT 02/12/04 1.0 ug/L	Contract Required Detection Limits ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
Benzaldehyde	U	U	U	U	U	U	10	----
Phenol	U	U	U	U	U	U	10	1 ST *
bis(2-Chloroethyl) ether	U	U	U	U	U	U	10	1 ST
2-Chlorophenol	U	U	U	U	U	U	10	1 ST *
2-Methylphenol	U	U	U	U	U	U	10	1 ST *
2,2-Oxybis (1-Chloropropane)	U	U	U	U	U	U	10	----
Acetophenone	U	U	U	U	U	U	10	----
4-Methylphenol	U	U	U	U	U	U	10	1 ST *
N-Nitroso-di-n-propylamine	U	U	U	U	U	U	10	----
Hexachloroethane	U	U	U	U	U	U	10	5 ST
Nitrobenzene	U	U	U	U	U	U	10	0.4 ST
Isophorone	U	U	U	U	U	U	10	50 GV
2-Nitrophenol	U	U	U	U	U	U	10	----
2,4-Dimethylphenol	U	U	U	U	U	U	10	1 ST *
bis(2-Chloroethoxy)methane	U	U	U	U	U	U	10	5 ST
2,4-Dichlorophenol	U	U	U	U	U	U	10	1 ST *
Naphthalene	U	U	U	U	U	U	10	10 GV
4-Chloroaniline	U	U	U	U	U	U	10	5 ST
Hexachlorobutadiene	U	U	U	U	U	U	10	5 ST
Caprolactam	U	U	U	U	U	U	10	0.5 ST
4-Chloro-3-methylphenol	U	U	U	U	U	U	10	----
2-Methylnaphthalene	U	U	U	U	U	U	10	----
Hexachlorocyclopentadiene	U	U	U	U	U	U	10	5 ST
2,4,6-Trichlorophenol	U	U	U	U	U	U	10	----
2,4,5-Trichlorophenol	U	U	U	U	U	U	25	----
1,1'-Biphenyl	U	U	U	U	U	U	10	5 GV
2-Chloronaphthalene	U	U	U	U	U	U	10	10 GV
2-Nitroaniline	U	U	U	U	U	U	25	5 ST
Dimethylphthalate	U	U	U	U	U	U	10	50 GV
2,6-Dinitrotoluene	U	U	U	U	U	U	10	5 ST
Acenaphthylene	U	U	U	U	U	U	10	----
3-Nitroaniline	U	U	U	U	U	U	25	5 ST
Acenaphthene	U	U	U	U	U	U	10	20 GV
2,4-Dinitrophenol	U	U	U	U	U	U	25	1 ST *
4-Nitrophenol	U	U	U	U	U	U	25	----
Dibenzofuran	U	U	U	U	U	U	10	----

TABLE

myworktypeorder2 | Sorting results

TABLE

BLUE POINT LAUNDRY

VERTICAL PROFILE GROUNDWATER SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION SAMPLE DEPTH DATE OF COLLECTION DILUTION FACTOR UNITS	BP-GW-VP-2 86-90 03/29/04 1.0 ug/L	BP-GW-VP-2 76-80 03/29/04 1.0 ug/L	BP-GW-VP-2 66-70 03/29/04 1.0 ug/L	1.0 ug/L	1.0 ug/L	Contract Required Detection Limits ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
Benzaldehyde	U	U	U			10	----
Phenol	U	U	U			10	1 ST *
bis(2-Chloroethyl)ether	U	U	U			10	1 ST
2-Chlorophenol	U	U	U			10	1 ST *
2-Methylphenol	U	U	U			10	1 ST *
2,2-Oxybis (1-Chloropropane)	U	U	U			10	----
Acetophenone	U	U	U			10	----
4-Methylphenol	U	U	U			10	1 ST *
N-Nitroso-di-n-propylamine	U	U	U			10	----
Hexachloroethane	U	U	U			10	5 ST
Nitrobenzene	U	U	U			10	0.4 ST
Isophorone	U	U	U			10	50 GV
2-Nitrophenol	U	U	U			10	----
2,4-Dimethylphenol	U	U	U			10	1 ST *
bis(2-Chloroethoxy)methane	U	U	U			10	5 ST
2,4-Dichlorophenol	U	U	U			10	1 ST *
Naphthalene	U	U	U			10	10 GV
4-Chloroaniline	U	U	U			10	5 ST
Hexachlorobutadiene	U	U	U			10	0.5 ST
Caprolactam	U	U	U			10	----
4-Chloro-3-methylphenol	U	U	U			10	----
2-Methylnaphthalene	U	U	U			10	----
Hexachlorocyclopentadiene	U	U	U			10	5 ST
2,4,6-Trichlorophenol	U	U	U			10	----
2,4,5-Trichlorophenol	U	U	U			25	----
1,1'-Biphenyl	U	U	U			10	5 GV
2-Chloronaphthalene	U	U	U			10	10 GV
2-Nitroaniline	U	U	U			25	5 ST
Dimethylphthalate	U	U	U			10	50 GV
2,6-Dinitrotoluene	U	U	U			10	5 ST
Acenaphthylene	U	U	U			25	5 ST
3-Nitroaniline	U	U	U			10	20 GV
Acenaphthene	U	U	U			25	1 ST *
2,4-Dinitrophenol	U	U	U			25	----
4-Nitrophenol	U	U	U			10	----
Dibenzofuran	U	U	U			10	----

TABLE

BLUE POINT LAUNDRY

VERTICAL PROFILE GROUNDWATER SAMPLE RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	BP-CW-VF-2 66-70 DATE OF COLLECTION 03/29/04 DILUTION FACTOR 1.0 UNITS ug/L	BP-CW-VF-2 76-80 DATE OF COLLECTION 03/29/04 DILUTION FACTOR 1.0 UNITS ug/L	BP-CW-VF-2 86-90 DATE OF COLLECTION 03/29/04 DILUTION FACTOR 1.0 UNITS ug/L	Contract Required Detection Limits ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
2,4-Dinitrotoluene	U	U	U	10	5 ST
Diethylphthalate	U	U	U	10	50 GV
Fluorene	U	U	U	10	50 GV
4-Chlorophenyl-phenylether	U	U	U	10	----
4-Nitroaniline	U	U	U	25	5 ST
4,6-Dinitro-2-methylphenol	U	U	U	25	----
N-Nitrosodiphenylamine	U	U	U	10	50 GV
4-Bromophenyl-phenylether	U	U	U	10	----
Hexachlorobenzene	U	U	U	10	0.04 ST
Atrazine	U	U	U	10	7.5 ST
Pentachlorophenol	U	U	U	25	1 ST*
Phenanthrene	U	U	U	10	50 GV
Anthracene	U	U	U	10	50 GV
Carbazole	U	U	U	10	----
Di-n-butylphthalate	U*	U*	U*	10	50 ST
Fluoranthene	U	U	U	10	50 GV
Pyrene	U	U	U	10	50 GV
Butylbenzylphthalate	U	U	U	10	50 GV
3,3'-Dichlorobenzidine	U	U	U	10	5 ST
Benzo (a) anthracene	U	U	U	10	0.002 GV
Chrysene	U	U	U	10	0.002 GV
bio(2-Ethylhexyl)phthalate	2 J	2 J	2 J	10	5 ST
Di-octylphthalate	U	U	U	10	50 GV
Benzo(b)fluoranthene	U	U	U	10	0.002 GV
Benzo(k)fluoranthene	U	U	U	10	0.002 GV
Benzo(a)pyrene	U	U	U	10	ND ST
Indeno(1,2,3-cd)pyrene	U	U	U	10	0.002 GV
Dibenz(a,h)anthracene	U	U	U	10	0.002 GV
Benzo(g,h,i)perylene	U	U	U	10	----
Total PAHs	0	0	0	0	----
Total Carcinogen PAHs	0	0	0	0	----
Total SVOCs	2	2	2	0	----
Total VOC-TICs	139	58	67	0	----

QUALIFIERS:

U: Compound analyzed for but not detected.

J: Compound found at a concentration below the CRDL, value estimated

U* Result qualified as Non-detect based on validation criteria

NOTES:

*: Applies to total phenols

GV: Guidance Value

ST: Standard

----: Not established.

: Indicates value exceeds standard or guidance value.

TABLE
BLUE POINT LAUNDRY
MONITORING WELL SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION	BP-4	BP-6	BP-MW-1	Contract Required	NYSDEC Class GA
DATE OF COLLECTION	04/06/04	04/06/04	04/06/04	Detection Limits	Standard or
DILUTION FACTOR	1.0	1.0	1.0		Guidance Value
UNITS	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	10	5 ST
Chloromethane	U	U	U	10	5 ST
Vinyl Chloride	U	U	U	10	2 ST
Bromomethane	U	U	U	10	5 ST
Chloroethane	U	U	U	10	5 ST
Trichlorofluoromethane	U	U	U	10	5 ST
1,1-Dichloroethene	U	U	U	10	5 ST
Acetone	7 J	U	U	10	50GV
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	10	5 ST
Carbon Disulfide	U	U	U	10	----
Methyl Acetate	U	U	U	10	----
Methylene Chloride	U	U	U	10	5 ST
trans-1,2-dichloroethene	U	U	U	10	5 ST
Methyl tert-Butyl Ether	U	U	1 J	10	10 GV
1,1-Dichloroethane	U	U	U	10	5 ST
cis-1,2-Dichloroethene	U	U	U	10	5 ST
2-Butanone	5 J	U	U	10	50GV
Chloroform	U	U	U	10	7 ST
1,1,1-Trichloroethane	U	U	U	10	5 ST
Cyclohexane	U	U	U	10	----
Carbon Tetrachloride	U	U	U	10	5 ST
Benzene	U	U	U	10	1 ST
1,2-Dichloroethane	U	U	U	10	0.6 ST
Trichloroethene	22	U	U	10	5 ST
Methylcyclohexane	U	U	U	10	
1,2-Dichloropropane	U	U	U	10	1 ST
Bromodichloromethane	U	U	U	10	50GV
cis-1,3-Dichloropropene	U	U	U	10	0.4 ST *
4-Methyl-2-Pentanone	U	U	U	10	----
Toluene	U	U	U	10	5 ST
Trans-1,3-Dichloropropene	U	U	U	10	0.4 ST *
1,1,2-Trichloroethane	U	U	U	10	1 ST
Tetrachloroethene	4 J	U	U	10	5 ST
2-Hexanone	U	U	U	10	50GV
Dibromochloromethane	U	U	U	10	50GV
1,2-Dibromoethane	U	U	U	10	----
Chlorobenzene	U	U	U	10	5 ST
Ethylbenzene	32	U	U	10	5 ST
Total Xylenes	310	U	U	10	5 ST
Styrene	U	U	U	10	5 ST
Bromoform	U	U	U	10	50GV
Isopropylbenzene	40	U	U	10	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	10	5 ST
1,3-Dichlorobenzene	U	U	U	10	3 ST
1,4-Dichlorobenzene	U	U	U	10	3 ST
1,2-Dichlorobenzene	U	U	U	10	3 ST
1,2-Dibromo-3-chloropropane	U	U	U	10	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	10	5 ST
Total VOCs	420	0	1	----	----
Total VOC TICs	4,266	0	0	----	----

QUALIFIERS:

U: Compound analyzed for but not detected
J: Compound found at a concentration below the CRDL, value estimated
D: Result taken from reanalysis at a secondary dilution

NOTES:

*:Applies to sum of the cis and trans isomers
Not applicable.
GV: Guidance Value
ST: Standard
----: Not established.

TABLE

BLUE POINT LAUNDRY

MONITORING WELL SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

SAMPLE IDENTIFICATION (DATE OF COLLECTION DILUTION FACTOR UNITS	BP-4 04/06/04 1.0 ug/L	BP-6 04/06/04 1.0 ug/L	BP-MW-1 04/06/04 1.0 ug/L	Contract Required Detection Limit ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
Benzaldehyde	U	U	U	10	....
Phenol	U	U	U	10	1 ST *
1,1,2-Chloroethylether	U	U	U	10	1 ST
2-Chlorophenol	U	U	U	10	1 ST *
2-Methylphenol	U	U	U	10	1 ST *
2,2-Oxybis (1-Chloropropane)	U	U	U	10	....
Acetophenone	U	U	U	10	....
4-Methylphenol	U	U	U	10	1 ST *
N-Nitroso-di-n-propylamine	U	U	U	10	....
Hexachlorocyclopentadiene	U	U	U	10	5 ST
Nitrobenzene	U	U	U	10	0.4 ST
Isochlorone	U	U	U	10	50 GV
2-Nitrophenol	U	U	U	10	....
2,4-Dimethylphenol	U	U	U	10	1 ST *
1,1,2-Chloroethoxy methane	U	U	U	10	5 ST
2,4-Dichlorophenol	U	U	U	10	1 ST *
Naphthalene	18	U	U	10	10 GV
4-Chloroaniline	U	U	U	10	5 ST
Hexachlorobutadiene	U	U	U	10	0.5 ST
Caprolactam	U	U	U	10	....
4-Chloro-3-methylphenol	U	U	U	10	....
2-Methylnaphthalene	11	U	U	10	....
Hexachlorocyclopentadiene	U	U	U	10	5 ST
2,4,6-Trichlorophenol	U	U	U	10	....
2,4,5-Trichlorophenol	U	U	U	25	....
1,1-Biphenyl	U	U	U	10	5 GV
2-Chloronaphthalene	U	U	U	10	10 GV
2-Nitroaniline	U	U	U	10	5 ST
Dimethylphthalate	U	U	U	25	....
2,6-Dinitrotoluene	U	U	U	10	50 GV
Acenaphthylene	U	U	U	10	5 ST
3-Nitroaniline	U	U	U	10	....
Acenaphthene	11	U	U	25	5 ST
2,4-Dinitrophenol	U	U	U	10	20 GV
4-Nitrophenol	U	U	U	25	1 ST *
Dibenzofuran	U	U	U	25	....
				10	....

TABLE

BLUE POINT LAUNDRY

MONITORING WELL SAMPLE RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR UNITS	BP-4 9/06/04 1.0 ug/L	BP-MW-1 04/06/04 1.0 ug/L	Contract Required Detection Limits ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
2,4-Dinitrotoluene	U	U	10	5 ST
Diethylphthalate	U	U	10	50 GV
Fluorene	U	U	10	50 GV
4-Chlorophenyl-phenylether	U	U	10	----
4-Nitroaniline	U	U	25	5 ST
4,6-Dinitro-2-methylphenol	U	U	25	----
N-Nitrosodiphenylamine	U	U	10	50 GV
4-Bromophenyl-phenylether	U	U	10	----
Hexachlorobenzene	U	U	10	0.04 ST
Atrazine	U	U	10	7.5 ST
Pentachlorophenol	U	U	25	1 ST *
Phenanthrene	U	U	10	50 GV
Anthracene	U	U	10	50 GV
Carbazole	U	U	10	----
Di-n-butylphthalate	1 J	U	10	50 ST
Fluoranthene	U	U	10	50 GV
Pyrene	U	U	10	50 GV
Butylbenzylphthalate	U	U	10	50 GV
3,3'-Dichlorobenzidine	U	U	10	5 ST
Benzo (a) anthracene	U	U	10	0.002 GV
Chrysene	U	U	10	0.002 GV
Bis(2-Ethylhexyl)phthalate	U*	U*	10	5 ST
Di-oxylphthalate	U	U	10	50 GV
Benzo(b)fluoranthene	U	U	10	0.002 GV
Benzo(k)fluoranthene	U	U	10	0.002 GV
Benzo(a)pyrene	U	U	10	ND ST
Indeno(1,2,3-cd)pyrene	U	U	10	0.002 GV
Dibenzo(a,h)anthracene	U	U	10	----
Benzo(g,h,i)perylene	U	U	10	----
Total PAHs	20	0	----	----
Total Carcinogen PAHs	0	0	----	----
Total SVOCs	21	1	----	----
Total SVOC TICs	1,766	0	----	----

QUALIFIERS:

U: Compound analyzed for but not detected.
 J: Compound found at a concentration
 below the CRDL, value estimated.
 U* Result qualified as Non-detect
 based on validation criteria

NOTES:

* Applies to total phenols
 GV: Guidance Value
 ST: Standard
 ----: Not established.
 []: Indicates value exceeds standard or guidance value.

TABLE

BLUE POINT LAUNDRY

MONITORING WELL SAMPLE RESULTS
PESTICIDES/PCBs

SAMPLE IDENTIFICATION DATE OF COLLECTION DILUTION FACTOR UNITS	BP-4 04/06/04 1.0 ug/L	BP-4 04/06/04 1.0 ug/L	BP-4 04/06/04 1.0 ug/L	BP-4 04/06/04 1.0 ug/L	Contract Required Detection Limits ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
alpha-BHC	U	U	U	U	0.050	----
beta-BHC	U	U	U	U	0.050	----
delta-BHC	U	U	U	U	0.050	----
gamma-BHC (Lindane)	U	U	U	U	0.050	----
Heptachlor	U	U	U	U	0.050	0.04 ST
Aldrin	U	U	U	U	0.050	ND ST
Heptachlor epoxide	U	U	U	U	0.050	0.03 ST
Endosulfan I	U	U	U	U	0.050	----
Dieldrin	U	U	U	U	0.10	----
4,4'-DDE	U	U	U	U	0.10	0.2 ST
Endrin	U	U	U	U	0.10	ND ST
Endosulfan II	U	U	U	U	0.10	----
4,4'-DDD	U	U	U	U	0.10	0.3 ST
Endosulfan sulfate	U	U	U	U	0.10	----
4,4'-DDT	U	U	U	U	0.10	0.2 ST
Methoxychlor	U	U	U	U	0.50	35 ST
Endrin ketone	U	U	U	U	0.10	5 ST
Endrin aldehyde	U	U	U	U	0.10	5 ST
alpha-Chlordane	U	U	U	U	0.050	0.05 ST
gamma-Chlordane	U	U	U	U	0.050	0.05 ST
Toxaphene	U	U	U	U	5.0	0.06 ST
Acroclor-1016	U	U	U	U	1.0	0.09*
Acroclor-1221	U	U	U	U	2.0	0.09*
Acroclor-1232	U	U	U	U	1.0	0.08*
Acroclor-1242	U	U	U	U	1.0	0.09*
Acroclor-1246	U	U	U	U	1.0	0.09*
Acroclor-1254	U	U	U	U	1.0	0.09*
Acroclor-1260	U	U	U	U	1.0	0.09*

QUALIFIERS:

U: Compound analyzed for but not detected

NOTES:

ST: Standard

ND: Not detected

----: Not established.

* Standard applies to the sum of these substances



TABLE

BLUE POINT LAUNDRY

MONITORING WELL SAMPLE RESULTS
HERBICIDES

SAMPLE IDENTIFICATION DATE OF COLLECTION	BP-4 04/06/04 ug/L	BP-6 04/06/04 ug/L	BP-MW-1 04/06/04 ug/L	Contract Required Detection Limits ug/L	NYSDEC Class GA Standard or Guidance Value ug/L
DALAPON	U	U	U	2.5	50 ST
DICAMBA	U	U	U	0.10	0.44 ST
MCPP	200 P	U	U	100	----
MCPA	500 P	U	U	100	----
DICHLOROPROP	U	U	U	1.0	----
2,4-D	U	U	U	1.0	50 ST
2,4,5-TP (Silvex)	U	U	U	0.10	0.26 ST
2,4,5-T	U	U	U	0.10	35 ST
2,4-DB	U	U	U	1.0	----
DINoseb	U	U	U	0.50	1 ST*

QUALIFIERS:

U: Compound analyzed for but not detected
P: Greater than 25% difference in concentration between the primary and confirmation columns;
lower concentration reported

NOTES:

ST: Standard
----: Not established
*: Standard applies to total phenols

TABLE

BLUE POINT LAUNDRY

MONITORING WELL SAMPLE RESULTS

TARGET ANALYTE LIST METALS

SAMPLE IDENTIFICATION	BP-4	BP-6	BP-MW-1	Instrument	NYSDEC Class GA
DATE OF COLLECTION	04/06/04	04/06/04	04/06/04	Detection Limits	Standard or
DILUTION FACTOR	1.0	1.0	1.0		Guidance Value
UNITS:	ug/L	ug/L	ug/L	ug/L	ug/L
Aluminum	17.9 B	38.2 B	466	5.0	----
Antimony	U	U	U	2.0	3 ST
Arsenic	U	U	U	2.0	25 ST
Barium	46 B	13 B	20.7 B	0.2	1,000 ST
Beryllium	U	U	U	0.2	3 GV
Cadmium	U	U	0.34 B	0.2	5 ST
Calcium	73,100	16,900	15,200	45	----
Chromium	0.8 B	U	U	0.4	50 ST
Cobalt	U	U	2.4 B	0.2	----
Copper	U	2.5 B	10.1 B	2.0	200 ST
Iron	170	84.2 B	5.1 B	4.0	300 ST *
Lead	U	U	U	0.6	25 ST
Magnesium	6,370	2,580 B	3,890 B	4.0	35,000 GV
Manganese	78	3 B	1,170	2.0	300 ST *
Mercury	U	U	U	0.1	0.7 ST
Nickel	1.8 B	0.9 B	3.1 B	0.3	100 ST
Potassium	6,520 B	3,640 B	3,770 B	71	----
Selenium	U	U	U	2.0	10 ST
Silver	U	U	0.74 B	0.3	50 ST
Sodium	22800	13,000	12,800	46	20,000 ST
Thallium	U	U	U	2.0	0.5 GV
Vanadium	1.8 B	U	0.71 B	0.5	----
Zinc	U	17.9 B	96.2	2.0	2,000 GV
Cyanide	4.2 B	U	4 B	3.0	200 ST

QUALIFIERS:

U: Compound analyzed for but not detected

B: Compound concentration is less than the CRDL
but greater than the IDL.

NOTES:

ST: Standard

GV: Guidance Value

----: Not established.

*: Standard for the sum of Iron and Manganese is 500 ug/l



Indicates value exceeds NYSDEC Class GA standard or guidance value.

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TABLE

BLUE POINT LAUNDRY

SOIL VAPOR SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE ID	BP-SV-1	BP-SV-2	BP-SV-3	BP-SV-4	BP-SV-5	LABORATORY
SAMPLE DEPTH	4 FT	4 FT	4 FT	4 FT	1.5 FT	QUANTITATION
DATE OF COLLECTION	2/10/04	2/10/04	2/10/04	2/10/04	2/10/04	LIMITS
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	
PERCENT SOLIDS	95.0	95.0	95.0	95.0	95.0	
UNITS	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3	mg/m3
Chloromethane	U	U	U	U	U	1
Vinyl Chloride	U	U	U	U	U	1
Bromomethane	U	U	U	U	U	1
Chloroethane	U	U	U	U	U	1
1,1-Dichloroethene	U	U	U	U	U	1
Acetone	U	U	U	U	U	1
Carbon Disulfide	U	U	U	U	U	1
Methylene Chloride	U	U	U	U	U	1
trans-1,2-Dichloroethene	U	U	U	U	U	1
Methyl tert-butyl ether	U	U	U	U	U	1
1,1-Dichloroethane	U	U	U	U	U	1
2-Butanone	U	U	U	U	U	1
cis-1,2-Dichloroethene	U	U	U	U	U	1
Chloroform	U	U	U	U	U	1
1,1,1-Trichloroethane	U	U	U	U	U	1
Carbon Tetrachloride	U	U	U	U	U	1
1,2-Dichloroethane	U	U	U	U	U	1
Benzene	U	U	U	U	U	1
Trichloroethene	U	U	U	U	U	1
1,2-Dichloropropane	U	U	U	U	U	1
Bromodichloromethane	U	U	U	U	U	1
cis-1,3-Dichloropropane	U	U	U	U	U	1
4-Methyl-2-pentanone	U	U	U	U	U	1
Toluene	U	U	U	U	U	1
trans-1,3-Dichloropropene	U	U	U	U	U	1
1,1,2-Trichloroethane	U	U	U	U	U	1
Tetrachloroethene	U	U	U	U	U	1
2-Hexanone	U	U	U	U	U	1
Dibromochloromethane	U	U	U	U	U	1
Chlorobenzene	U	U	U	U	U	1
Ethylbenzene	U	U	U	U	U	1
m,p-Xylene	0.30 J	U	U	U	U	1
o-Xylene	U	U	U	U	U	1
Styrene	U	U	U	U	U	1
Bromoform	U	U	U	U	U	1
1,1,2,2-Tetrachloroethane	U	U	U	U	U	1

QUALIFIERS:

U: Constituent analyzed for but not detected.

J: Compound found at a concentration below the detection limit.

Appendix D



APPENDIX D

LABORATORY DATA SHEETS



1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS102

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: C0119

Matrix: (soil/water) SOIL

Lab Sample ID: C0119-01A

Sample wt/vol: 30.1(g/mL) G

Lab File ID: S4A3997

Level: (low/med) LOW

Date Received: 02/06/04

% Moisture: 14 Decanted: (Y/N) N

Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

Extraction: (Type) SONC

CONCENTRATION UNITS:

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

CAS NO.

COMPOUND

100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl) Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	960	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	960	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	960	U
83-32-9	Acenaphthene	380	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS102

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-01A

Sample wt/vol: 30.1(g/mL) G Lab File ID: S4A3997

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 02/26/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	960	U
100-02-7	4-Nitrophenol	960	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	960	U
534-52-1	4,6-Dinitro-2-methylphenol	960	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	960	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS102

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-01A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A3997

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

Number TICs found: 5 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 872-05-9	1-DECENE	11.39	350	NJ
2.	UNKNOWN	15.48	100	J
3.	UNKNOWN	16.51	260	J
4. 80-05-7	PHENOL, 4,4'-(1-METHYLETHYLI	16.58	140	NJ
5.	UNKNOWN	17.60	390	J
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS102

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-01A

Sample wt/vol: 30.7(g/mL) G Lab File ID: E4C1789F

% Moisture: 14 Decanted: (Y/N) N Date Received: 02/06/04

Extraction: (Type) SONC Date Extracted: 02/11/04

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/21/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND		
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.2	JP
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSS102

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0119Matrix (soil/water): SOILLab Sample ID: C0119-01Level (low/med): MEDDate Received: 02/06/04% Solids: 86.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3730		*	P
7440-36-0	Antimony	0.41	U	N	P
7440-38-2	Arsenic	2.1	B		P
7440-39-3	Barium	15.8	B		P
7440-41-7	Beryllium	0.041	U		P
7440-43-9	Cadmium	0.34	B		P
7440-70-2	Calcium	432	B	*	P
7440-47-3	Chromium	4.6		*	P
7440-48-4	Cobalt	0.86	B		P
7440-50-8	Copper	4.8	B	N*E	P
7439-89-6	Iron	4190			P
7439-92-1	Lead	15.2		*	P
7439-95-4	Magnesium	367	B	E	P
7439-96-5	Manganese	33.5			P
7440-02-0	Nickel	9.4		E	P
7440-09-7	Potassium	150	B		P
7782-49-2	Selenium	0.82	U	N	P
7440-22-4	Silver	0.41	U		P
7440-23-5	Sodium	33.7	B		P
7440-28-0	Thallium	0.62	U		P
7440-62-2	Vanadium	17.5			P
7440-66-6	Zinc	15.9		N*	P
7439-97-6	Mercury	0.055	U	*	CV
	Cyanide	0.14	U		CA

Color Before: BROWN Clarity Before: _____Texture: MEDIUMColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS202

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A3995

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl) Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy) methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	54	J
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	76	J
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	970	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	380	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS202

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-02A

Sample wt/vol: 30.0(g/mL) G Lab File ID: S4A3995

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	55	J
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	56	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS202

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A3995

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.56	100	NJ
2. 872-05-9	1-DECENE	11.38	440	NJ
3.	UNKNOWN	16.49	260	J
4. 301-02-0	9-OCTADECENAMIDE, (Z) -	17.58	340	NJ
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS202

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-02A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E4C1790F

% Moisture: 14 Decanted: (Y/N) N Date Received: 02/06/04

Extraction: (Type) SONC Date Extracted: 02/11/04

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/21/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND

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

319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	6.1	P
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSS202

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0119Matrix (soil/water): SOILLab Sample ID: C0119-02Level (low/med): MEDDate Received: 02/06/04% Solids: 86.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3690		*	P
7440-36-0	Antimony	0.39	U	N	P
7440-38-2	Arsenic	6.4			P
7440-39-3	Barium	68.0			P
7440-41-7	Beryllium	0.073	B		P
7440-43-9	Cadmium	0.80	B		P
7440-70-2	Calcium	1350		*	P
7440-47-3	Chromium	6.0		*	P
7440-48-4	Cobalt	2.4	B		P
7440-50-8	Copper	15.7		N*E	P
7439-89-6	Iron	7870			P
7439-92-1	Lead	66.5		*	P
7439-95-4	Magnesium	440	B	E	P
7439-96-5	Manganese	32.6			P
7440-02-0	Nickel	14.6		E	P
7440-09-7	Potassium	149	B		P
7782-49-2	Selenium	0.78	U	N	P
7440-22-4	Silver	0.75	B		P
7440-23-5	Sodium	105	B		P
7440-28-0	Thallium	0.82	B		P
7440-62-2	Vanadium	10.5			P
7440-66-6	Zinc	66.4		N*	P
7439-97-6	Mercury	0.055	U	*	CV
	Cyanide	0.29	B		CA

Color Before: BROWN Clarity Before: _____Texture: MEDIUMColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS302

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-03A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S4A3996

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	bis (2-Chloroethyl) Ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis (2-Chloroethoxy) methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS302

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0119

Matrix: (soil/water) SOIL

Lab Sample ID: C0119-03A

Sample wt/vol: 30.5 (g/mL) G

Lab File ID: S4A3996

Level: (low/med) LOW

Date Received: 02/06/04

% Moisture: 21

Decanted: (Y/N) N

Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 7.0

Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	61	J
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	61	J
206-44-0	Fluoranthene	160	J
129-00-0	Pyrene	130	J
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	62	J
218-01-9	Chrysene	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	7800	E
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	140	J
207-08-9	Benzo(k)fluoranthene	55	J
50-32-8	Benzo(a)pyrene	79	J
193-39-5	Indeno(1,2,3-cd)pyrene	74	J
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	75	J

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS302

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-03A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S4A3996

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

Number TICs found: 7

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.01	93	J
2. 85-44-9	PHTHALIC ANHYDRIDE	10.07	160	NJ
3. 872-05-9	1-DECENE	11.38	360	NJ
4. 57-10-3	HEXADECANOIC ACID	15.05	350	NJ
5. 57-11-4	OCTADECANOIC ACID	16.35	360	NJ
6.	UNKNOWN	16.50	270	J
7. 646-13-9	OCTADECANOIC ACID, 2-METHYLP	17.68	180	NJ
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS302DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-03ADL

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S4A4016

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	1600	U
108-95-2	Phenol	1600	U
111-44-4	bis (2-Chloroethyl) Ether	1600	U
95-57-8	2-Chlorophenol	1600	U
95-48-7	2-Methylphenol	1600	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1600	U
98-86-2	Acetophenone	1600	U
106-44-5	4-Methylphenol	1600	U
621-64-7	N-Nitroso-di-n-propylamine	1600	U
67-72-1	Hexachloroethane	1600	U
98-95-3	Nitrobenzene	1600	U
78-59-1	Isophorone	1600	U
88-75-5	2-Nitrophenol	1600	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis (2-Chloroethoxy) methane	1600	U
120-83-2	2,4-Dichlorophenol	1600	U
91-20-3	Naphthalene	1600	U
106-47-8	4-Chloroaniline	1600	U
87-68-3	Hexachlorobutadiene	1600	U
105-60-2	Caprolactam	1600	U
59-50-7	4-Chloro-3-Methylphenol	1600	U
91-57-6	2-Methylnaphthalene	1600	U
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1600	U
95-95-4	2,4,5-Trichlorophenol	4100	U
92-52-4	1,1'-Biphenyl	1600	U
91-58-7	2-Chloronaphthalene	1600	U
88-74-4	2-Nitroaniline	4100	U
131-11-3	Dimethylphthalate	1600	U
606-20-2	2,6-Dinitrotoluene	1600	U
208-96-8	Acenaphthylene	1600	U
99-09-2	3-Nitroaniline	4100	U
83-32-9	Acenaphthene	1600	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS302DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-03ADL

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S4A4016

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	4100	U
100-02-7	4-Nitrophenol	4100	U
132-64-9	Dibenzofuran	1600	U
121-14-2	2,4-Dinitrotoluene	1600	U
84-66-2	Diethylphthalate	1600	U
86-73-7	Fluorene	1600	U
7005-72-3	4-Chlorophenyl-phenylether	1600	U
100-01-6	4-Nitroaniline	4100	U
534-52-1	4,6-Dinitro-2-methylphenol	4100	U
86-30-6	N-Nitrosodiphenylamine (1)	1600	U
101-55-3	4-Bromophenyl-phenylether	1600	U
118-74-1	Hexachlorobenzene	1600	U
1912-24-9	Atrazine	1600	U
87-86-5	Pentachlorophenol	4100	U
85-01-8	Phenanthrene	1600	U
120-12-7	Anthracene	1600	U
86-74-8	Carbazole	1600	U
84-74-2	Di-n-butylphthalate	1600	U
206-44-0	Fluoranthene	1600	U
129-00-0	Pyrene	1600	U
85-68-7	Butylbenzylphthalate	1600	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)anthracene	1600	U
218-01-9	Chrysene	1600	U
117-81-7	bis(2-Ethylhexyl)phthalate	7300	D
117-84-0	Di-n-octylphthalate	1600	U
205-99-2	Benzo(b)fluoranthene	1600	U
207-08-9	Benzo(k)fluoranthene	1600	U
50-32-8	Benzo(a)pyrene	1600	U
193-39-5	Indeno(1,2,3-cd)pyrene	1600	U
53-70-3	Dibenzo(a,h)anthracene	1600	U
191-24-2	Benzo(g,h,i)perylene	1600	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS302DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-03ADL

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S4A4016

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 21 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

Number TICs found: 1
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 112-53-8	1-DODECANOL	11.37	370	NJD
2.				
3.				
4.				
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS302

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-03A

Sample wt/vol: 30.2(g/mL) G Lab File ID: E4C1791F

% Moisture: 21 Decanted: (Y/N) N Date Received: 02/06/04

Extraction: (Type) SONC Date Extracted: 02/11/04

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/21/04

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) Y

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

CAS NO. COMPOUND

319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4'-DDE	4.1	U
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	7.0	P
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.4	
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSS302

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0119Matrix (soil/water): SOILLab Sample ID: C0119-03Level (low/med): MEDDate Received: 02/06/04t Solids: 79.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1150		*	P
7440-36-0	Antimony	0.45	U	N	P
7440-38-2	Arsenic	1.0	B		P
7440-39-3	Barium	15.8	B		P
7440-41-7	Beryllium	0.045	U		P
7440-43-9	Cadmium	0.39	B		P
7440-70-2	Calcium	1700		*	P
7440-47-3	Chromium	4.6		*	P
7440-48-4	Cobalt	0.92	B		P
7440-50-8	Copper	10.4		N*E	P
7439-89-6	Iron	3180			P
7439-92-1	Lead	30.8		*	P
7439-95-4	Magnesium	1050	B	E	P
7439-96-5	Manganese	44.4			P
7440-02-0	Nickel	3.6	B	E	P
7440-09-7	Potassium	116	B		P
7782-49-2	Selenium	0.90	U	N	P
7440-22-4	Silver	0.45	U		P
7440-23-5	Sodium	56.7	B		P
7440-28-0	Thallium	0.68	U		P
7440-62-2	Vanadium	7.5	B		P
7440-66-6	Zinc	91.2		N*	P
7439-97-6	Mercury	0.078	B	*	CV
	Cyanide	0.38	B		CA

Color Before: BROWN Clarity Before: _____Texture: MEDIUMColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS402

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-04A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S4A3987

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	400	U
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl) Ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
98-86-2	Acetophenone	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy) methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
105-60-2	Caprolactam	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	400	U
606-20-2	2,6-Dinitrotoluene	400	U
208-96-8	Acenaphthylene	400	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	400	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS402

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-04A

Sample wt/vol: 30.4(g/mL) G Lab File ID: S4A3987

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
86-73-7	Fluorene	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
1912-24-9	Atrazine	400	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	380	J
120-12-7	Anthracene	70	J
86-74-8	Carbazole	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	520	
129-00-0	Pyrene	520	
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	280	J
218-01-9	Chrysene	330	J
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	290	J
207-08-9	Benzo(k)fluoranthene	110	J
50-32-8	Benzo(a)pyrene	210	J
193-39-5	Indeno(1,2,3-cd)pyrene	130	J
53-70-3	Dibenzo(a,h)anthracene	46	J
191-24-2	Benzo(g,h,i)perylene	93	J

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS402

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-04A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S4A3987

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

Number TICs found: 14

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 872-05-9	1-DECENE	11.38	360	NJ
2. 4505-48-0	1H-INDENE, 2-PHENYL-	14.92	160	NJ
3. 613-12-7	ANTHRACENE, 2-METHYL-	14.97	230	NJ
4. 57-10-3	HEXADECANOIC ACID	15.04	220	NJ
5.	UNKNOWN	15.09	220	J
6. 832-64-4	PHENANTHRENE, 4-METHYL-	15.14	100	NJ
7. 84-65-1	9,10-ANTHRACENEDIONE	15.45	100	NJ
8. 3674-66-6	PHENANTHRENE, 2,5-DIMETHYL-	15.83	130	NJ
9.	UNKNOWN	15.97	110	J
10.	UNKNOWN	16.20	110	J
11.	UNKNOWN	16.49	160	J
12. 2381-21-7	PYRENE, 1-METHYL-	17.18	88	NJ
13. 646-13-9	OCTADECANOIC ACID, 2-METHYL-	17.67	140	NJ
14. 629-96-9	1-EICOSANOL	18.27	100	NJ
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16.				
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS402

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-04A

Sample wt/vol: 30.5(g/mL) G Lab File ID: E4C1792F

% Moisture: 18 Decanted: (Y/N) N Date Received: 02/06/04

Extraction: (Type) SONC Date Extracted: 02/11/04

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/21/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND		
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	4.0	U
72-55-9	4,4'-DDE	35	
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4'-DDD	3.1	JP
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4'-DDT	40	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	5.2	P
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSS402

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0119Matrix (soil/water): SOILLab Sample ID: C0119-04Level (low/med): MEDDate Received: 02/06/04% Solids: 82.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6610		*	P
7440-36-0	Antimony	0.44	U	N	P
7440-38-2	Arsenic	4.1			P
7440-39-3	Barium	32.6	B		P
7440-41-7	Beryllium	0.044	U		P
7440-43-9	Cadmium	0.72	B		P
7440-70-2	Calcium	856	B	*	P
7440-47-3	Chromium	9.3		*	P
7440-48-4	Cobalt	1.9	B		P
7440-50-8	Copper	19.7		N*E	P
7439-89-6	Iron	9950			P
7439-92-1	Lead	93.7		*	P
7439-95-4	Magnesium	856	B	E	P
7439-96-5	Manganese	93.2			P
7440-02-0	Nickel	6.7	B	E	P
7440-09-7	Potassium	286	B		P
7782-49-2	Selenium	0.89	U	N	P
7440-22-4	Silver	0.48	B		P
7440-23-5	Sodium	81.1	B		P
7440-28-0	Thallium	0.73	B		P
7440-62-2	Vanadium	18.6			P
7440-66-6	Zinc	104		N*	P
7439-97-6	Mercury	0.69		*	CV
	Cyanide	0.45	B		CA

Color Before: BROWN Clarity Before: _____Texture: MEDIUMColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS502

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-05A

Sample wt/vol: 30.5(g/mL) G Lab File ID: S4A3998

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 9 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.5 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	360	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl) Ether	360	U
95-57-8	2-Chlorophenol	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U
98-86-2	Acetophenone	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy) methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
105-60-2	Caprolactam	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	900	U
92-52-4	1,1'-Biphenyl	360	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	900	U
131-11-3	Dimethylphthalate	360	U
606-20-2	2,6-Dinitrotoluene	360	U
208-96-8	Acenaphthylene	360	U
99-09-2	3-Nitroaniline	900	U
83-32-9	Acenaphthene	360	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS502

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-05A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S4A3998

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 9 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.5 Extraction: (Type) SONC

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	900	U
100-02-7	4-Nitrophenol	900	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
86-73-7	Fluorene	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
100-01-6	4-Nitroaniline	900	U
534-52-1	4,6-Dinitro-2-methylphenol	900	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
1912-24-9	Atrazine	360	U
87-86-5	Pentachlorophenol	900	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
86-74-8	Carbazole	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	38	J
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	42	J
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenzo(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS502

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-05A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S4A3998

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 9 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.5 Extraction: (Type) SONC

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 872-05-9	1-DECENE	11.40	280	NJ
2.	UNKNOWN	15.50	93	J
3.				
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS502

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0119

Matrix: (soil/water) SOIL

Lab Sample ID: C0119-05A

Sample wt/vol: 30.4 (g/mL) G

Lab File ID: E4C1793F

% Moisture: 9 Decanted: (Y/N) N

Date Received: 02/06/04

Extraction: (Type) SONC

Date Extracted: 02/11/04

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 02/21/04

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 7.5

Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND

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

319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	3.6	U
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4'-DDD	3.6	U
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	6.5	P
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.6	U
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSS502

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0119Matrix (soil/water): SOILLab Sample ID: C0119-05Level (low/med): MEDDate Received: 02/06/04% Solids: 91.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3870		*	P
7440-36-0	Antimony	0.41	U	N	P
7440-38-2	Arsenic	1.7	B		P
7440-39-3	Barium	31.9	B		P
7440-41-7	Beryllium	0.041	U		P
7440-43-9	Cadmium	0.51	B		P
7440-70-2	Calcium	815	B	*	P
7440-47-3	Chromium	4.8		*	P
7440-48-4	Cobalt	0.85	B		P
7440-50-8	Copper	6.7		N*E	P
7439-89-6	Iron	4970			P
7439-92-1	Lead	67.6		*	P
7439-95-4	Magnesium	366	B	E	P
7439-96-5	Manganese	32.4			P
7440-02-0	Nickel	3.9	B	E	P
7440-09-7	Potassium	162	B		P
7782-49-2	Selenium	0.83	U	N	P
7440-22-4	Silver	0.41	U		P
7440-23-5	Sodium	75.3	B		P
7440-28-0	Thallium	0.62	U		P
7440-62-2	Vanadium	14.0			P
7440-66-6	Zinc	86.0		N*	P
7439-97-6	Mercury	0.050	U	*	CV
	Cyanide	0.16	B		CA

Color Before: BROWN Clarity Before: _____Texture: MEDIUMColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS602

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-06A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S4A3999

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.2 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	360	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl) Ether	360	U
95-57-8	2-Chlorophenol	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U
98-86-2	Acetophenone	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy) methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
105-60-2	Caprolactam	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	910	U
92-52-4	1,1'-Biphenyl	360	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	910	U
131-11-3	Dimethylphthalate	360	U
606-20-2	2,6-Dinitrotoluene	360	U
208-96-8	Acenaphthylene	360	U
99-09-2	3-Nitroaniline	910	U
83-32-9	Acenaphthene	360	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS602

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-06A

Sample wt/vol: 30.5(g/mL) G Lab File ID: S4A3999

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 02/26/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.2 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	910	U
100-02-7	4-Nitrophenol	910	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
86-73-7	Fluorene	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
100-01-6	4-Nitroaniline	910	U
534-52-1	4,6-Dinitro-2-methylphenol	910	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
1912-24-9	Atrazine	360	U
87-86-5	Pentachlorophenol	910	U
85-01-8	Phenanthrene	59	J
120-12-7	Anthracene	360	U
86-74-8	Carbazole	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenzo(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS602

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-06A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S4A3999

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.2 Extraction: (Type) SONC

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 90-12-0	NAPHTHALENE, 1-METHYL-	10.14	75	NJ
2. 872-05-9	1-DECENE	11.41	330	NJ
3.	UNKNOWN	11.75	73	J
4.	UNKNOWN	15.51	86	J
5.	UNKNOWN	17.63	230	J
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS602

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-06A

Sample wt/vol: 30.1(g/mL) G Lab File ID: E4C1794F

% Moisture: 10 Decanted: (Y/N) N Date Received: 02/06/04

Extraction: (Type) SONC Date Extracted: 02/11/04

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/21/04

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.2 Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND		
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	4.5	P
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.1	JP
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	6.9	P
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSS602

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0119Matrix (soil/water): SOILLab Sample ID: C0119-06Level (low/med): MEDDate Received: 02/06/04% Solids: 90.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2610		*	P
7440-36-0	Antimony	0.41	U	N	P
7440-38-2	Arsenic	2.8			P
7440-39-3	Barium	14.0	B		P
7440-41-7	Beryllium	0.041	U		P
7440-43-9	Cadmium	0.14	B		P
7440-70-2	Calcium	275	B	*	P
7440-47-3	Chromium	4.1		*	P
7440-48-4	Cobalt	0.74	B		P
7440-50-8	Copper	7.9		N*E	P
7439-89-6	Iron	5320			P
7439-92-1	Lead	29.5		*	P
7439-95-4	Magnesium	327	B	E	P
7439-96-5	Manganese	31.1			P
7440-02-0	Nickel	6.0	B	E	P
7440-09-7	Potassium	116	B		P
7782-49-2	Selenium	0.82	U	N	P
7440-22-4	Silver	0.41	U		P
7440-23-5	Sodium	54.7	B		P
7440-28-0	Thallium	0.62	U		P
7440-62-2	Vanadium	9.8	B		P
7440-66-6	Zinc	14.5		N*	P
7439-97-6	Mercury	0.053	U	*	CV
	Cyanide	0.14	U		CA

Color Before: BLACK Clarity Before: _____Texture: MEDIUMColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS702

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-07A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S4A3988

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.7 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl) Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy) methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	970	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	380	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS702

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-07A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S4A3988

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.7 Extraction: (Type) SONC

CAS NO. COMPOUND

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

51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	45	J
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	47	J
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	91	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS702

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-07A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S4A3988

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.7 Extraction: (Type) SONC

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 872-05-9	1-DECENE	11.38	400	NJ
2.	UNKNOWN	14.97	84	J
3. 57-10-3	HEXADECANOIC ACID	15.03	83	NJ
4.	UNKNOWN	16.49	290	J
5.	UNKNOWN	17.57	90	J
6. 646-13-9	OCTADECANOIC ACID, 2-METHYLP	17.66	200	NJ
7.				
8.				
9.				
10.				
11.				
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS702

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-07A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E4C1795F

% Moisture: 15 Decanted: (Y/N) N Date Received: 02/06/04

Extraction: (Type) SONC Date Extracted: 02/11/04

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/21/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.7 Sulfur Cleanup: (Y/N) Y

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

CAS NO. COMPOUND

319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	6.9	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSS702

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0119Matrix (soil/water): SOILLab Sample ID: C0119-07Level (low/med): MEDDate Received: 02/06/04% Solids: 85.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2310		*	P
7440-36-0	Antimony	0.34	U	N	P
7440-38-2	Arsenic	2.4			P
7440-39-3	Barium	48.1			P
7440-41-7	Beryllium	0.058	B		P
7440-43-9	Cadmium	0.16	B		P
7440-70-2	Calcium	4020		*	P
7440-47-3	Chromium	4.9		*	P
7440-48-4	Cobalt	0.79	B		P
7440-50-8	Copper	47.0		N*E	P
7439-89-6	Iron	3050			P
7439-92-1	Lead	26.3		*	P
7439-95-4	Magnesium	1400		E	P
7439-96-5	Manganese	119			P
7440-02-0	Nickel	3.7	B	E	P
7440-09-7	Potassium	168	B		P
7782-49-2	Selenium	1.1		N	P
7440-22-4	Silver	0.34	U		P
7440-23-5	Sodium	56.4	B		P
7440-28-0	Thallium	0.51	U		P
7440-62-2	Vanadium	11.0			P
7440-66-6	Zinc	68.6		N*	P
7439-97-6	Mercury	0.056	U	*	CV
	Cyanide	0.26	B		CA

Color Before: BROWN Clarity Before: _____Texture: MIXEDColor After: COLORLESS Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS802

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-08A

Sample wt/vol: 30.6(g/mL) G Lab File ID: S4A3989

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 8 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.2 Extraction: (Type) SONC

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

CAS NO. COMPOUND

100-52-7	Benzaldehyde	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl) Ether	350	U
95-57-8	2-Chlorophenol	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U
98-86-2	Acetophenone	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy) methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
105-60-2	Caprolactam	350	U
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	880	U
92-52-4	1,1'-Biphenyl	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	880	U
131-11-3	Dimethylphthalate	350	U
606-20-2	2,6-Dinitrotoluene	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	880	U
83-32-9	Acenaphthene	350	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS802

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-08A

Sample wt/vol: 30.6 (g/mL) G Lab File ID: S4A3989

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 8 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.2 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	880	U
100-02-7	4-Nitrophenol	880	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
86-73-7	Fluorene	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
100-01-6	4-Nitroaniline	880	U
534-52-1	4,6-Dinitro-2-methylphenol	880	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
1912-24-9	Atrazine	350	U
87-86-5	Pentachlorophenol	880	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U
84-74-2	Di-n-butylphthalate	41	J
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	92	J
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	270	J
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenzo(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS802

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-08A

Sample wt/vol: 30.6 (g/mL) G Lab File ID: S4A3989

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 8 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.2 Extraction: (Type) SONC

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 620-14-4	BENZENE, 1-ETHYL-3-METHYL-	6.12	75	NJ
2.	UNKNOWN	6.56	160	J
3. 872-05-9	1-DECENE	11.38	360	NJ
4.	UNKNOWN	16.49	130	J
5. 123-95-5	OCTADECANOIC ACID, BUTYL EST	17.66	130	NJ
6.	UNKNOWN	18.80	120	J
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS802

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0119

Matrix: (soil/water) SOIL

Lab Sample ID: C0119-08A

Sample wt/vol: 30.3 (g/mL) G

Lab File ID: E4C1796F

% Moisture: 8 Decanted: (Y/N) N

Date Received: 02/06/04

Extraction: (Type) SONC

Date Extracted: 02/11/04

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 02/21/04

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.2

Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND

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

319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.2	JP
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	4.0	
72-55-9	4,4'-DDE	2.3	JP
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4'-DDD	2.1	J
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	29	
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.6	U
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	4.4	P
5103-74-2	gamma-Chlordane	3.8	P
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	72	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSS802

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0119Matrix (soil/water): SOILLab Sample ID: C0119-08Level (low/med): MEDDate Received: 02/06/04% Solids: 92.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2110		*	P
7440-36-0	Antimony	0.38	U	N	P
7440-38-2	Arsenic	3.8			P
7440-39-3	Barium	17.3	B		P
7440-41-7	Beryllium	0.038	U		P
7440-43-9	Cadmium	0.23	B		P
7440-70-2	Calcium	491	B	*	P
7440-47-3	Chromium	4.1		*	P
7440-48-4	Cobalt	1.0	B		P
7440-50-8	Copper	8.3		N*E	P
7439-89-6	Iron	3450			P
7439-92-1	Lead	35.6		*	P
7439-95-4	Magnesium	281	B	E	P
7439-96-5	Manganese	31.0			P
7440-02-0	Nickel	3.1	B	E	P
7440-09-7	Potassium	121	B		P
7782-49-2	Selenium	0.76	U	N	P
7440-22-4	Silver	0.38	U		P
7440-23-5	Sodium	60.4	B		P
7440-28-0	Thallium	0.57	U		P
7440-62-2	Vanadium	6.5	B		P
7440-66-6	Zinc	34.5		N*	P
7439-97-6	Mercury	0.049	U	*	CV
	Cyanide	0.17	B		CA

Color Before: BROWN Clarity Before: _____Texture: MEDIUMColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS902

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-11A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S4A3991

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	430	U
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl) Ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	430	U
106-44-5	4-Methylphenol	61	J
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy) methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	390	J
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	93	J
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
92-52-4	1,1'-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	430	U
606-20-2	2,6-Dinitrotoluene	430	U
208-96-8	Acenaphthylene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	430	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS902

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-11A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S4A3991

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
86-73-7	Fluorene	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	44	J
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	130	J
206-44-0	Fluoranthene	430	U
129-00-0	Pyrene	430	U
85-68-7	Butylbenzylphthalate	140	J
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	430	U
218-01-9	Chrysene	51	J
117-81-7	bis(2-Ethylhexyl)phthalate	2400	
117-84-0	Di-n-octylphthalate	430	U
205-99-2	Benzo(b)fluoranthene	44	J
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	430	U
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS902

Lab Name: MITKEM CORPORATION Contract: _____
Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119
Matrix: (soil/water) SOIL Lab Sample ID: C0119-11A
Sample wt/vol: 30.4 (g/mL) G Lab File ID: S4A3991
Level: (low/med) LOW Date Received: 02/06/04
% Moisture: 24 Decanted: (Y/N) N Date Extracted: 02/11/04
Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.51	140	J
2. 103-65-1	BENZENE, PROPYL-	6.04	270	NJ
3. 622-96-8	BENZENE, 1-ETHYL-4-METHYL-	6.12	1000	NJ
4. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.24	560	NJ
5. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	6.35	420	NJ
6. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	6.56	2700	NJ
7.	UNKNOWN	6.85	280	J
8. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	6.89	590	NJ
9. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	6.92	140	NJ
10. 1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	7.18	180	NJ
11. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.22	610	NJ
12. 141-93-5	BENZENE, 1,3-DIETHYL-	7.29	680	NJ
13. 135-01-3	BENZENE, 1,2-DIETHYL-	7.32	130	NJ
14. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	7.51	120	NJ
15. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	7.55	140	NJ
16.	UNKNOWN	8.60	130	J
17.	UNKNOWN	8.75	170	J
18. 87-44-5	CARYOPHYLLENE	11.08	120	NJ
19. 872-05-9	1-DECENE	11.38	350	NJ
20.	UNKNOWN	14.92	140	J
21. 109-29-5	OXACYCLOHEPTADECAN-2-ONE	14.98	830	NJ
22. 57-10-3	HEXADECANOIC ACID	15.04	610	NJ
23.	UNKNOWN	16.18	200	J
24.	UNKNOWN	16.21	250	J
25. 57-11-4	OCTADECANOIC ACID	16.34	300	NJ
26.	UNKNOWN	16.49	440	J
27.	UNKNOWN	16.62	240	J
28. 72-54-8	1,1-DICHLORO-2,2-BIS(P-CHLOR	17.19	270	NJ
29. 301-02-0	9-OCTADECENAMIDE, (Z) -	17.58	510	NJ
30.	UNKNOWN	17.67	240	J

1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS902

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-11A

Sample wt/vol: 30.5(g/mL) G Lab File ID: E4C1805F

% Moisture: 24 Decanted: (Y/N) N Date Received: 02/06/04

Extraction: (Type) SONC Date Extracted: 02/11/04

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/21/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND

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

319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	37	P
72-55-9	4,4'-DDE	20	
72-20-8	Endrin	4.3	U
33213-65-9	Endosulfan II	4.3	U
72-54-8	4,4'-DDD	210	E
1031-07-8	Endosulfan sulfate	0.74	JP
50-29-3	4,4'-DDT	37	P
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.3	U
7421-93-4	Endrin aldehyde	5.7	P
5103-71-9	alpha-Chlordane	33	P
5103-74-2	gamma-Chlordane	35	E
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	280	P

1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS902DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-11ADL

Sample wt/vol: 30.5(g/mL) G Lab File ID: E4C1810F

% Moisture: 24 Decanted: (Y/N) N Date Received: 02/06/04

Extraction: (Type) SONC Date Extracted: 02/11/04

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/21/04

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND		
319-84-6	alpha-BHC	22	U
319-85-7	beta-BHC	22	U
319-86-8	delta-BHC	22	U
58-89-9	gamma-BHC (Lindane)	22	U
76-44-8	Heptachlor	22	U
309-00-2	Aldrin	22	U
1024-57-3	Heptachlor epoxide	22	U
959-98-8	Endosulfan I	22	U
60-57-1	Dieldrin	28	DJ
72-55-9	4,4'-DDE	43	U
72-20-8	Endrin	43	U
33213-65-9	Endosulfan II	43	U
72-54-8	4,4'-DDD	150	D
1031-07-8	Endosulfan sulfate	43	U
50-29-3	4,4'-DDT	34	DJP
72-43-5	Methoxychlor	220	U
53494-70-5	Endrin ketone	43	U
7421-93-4	Endrin aldehyde	43	U
5103-71-9	alpha-Chlordane	33	DP
5103-74-2	gamma-Chlordane	30	D
8001-35-2	Toxaphene	2200	U
12674-11-2	Aroclor-1016	430	U
11104-28-2	Aroclor-1221	870	U
11141-16-5	Aroclor-1232	430	U
53469-21-9	Aroclor-1242	430	U
12672-29-6	Aroclor-1248	430	U
11097-69-1	Aroclor-1254	430	U
11096-82-5	Aroclor-1260	430	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSS902

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0119Matrix (soil/water): SOILLab Sample ID: C0119-11Level (low/med): MEDDate Received: 02/06/04% Solids: 76.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2710		*	P
7440-36-0	Antimony	0.42	U	N	P
7440-38-2	Arsenic	5.2			P
7440-39-3	Barium	52.3			P
7440-41-7	Beryllium	0.042	U		P
7440-43-9	Cadmium	1.2			P
7440-70-2	Calcium	3790		*	P
7440-47-3	Chromium	13.6		*	P
7440-48-4	Cobalt	2.0	B		P
7440-50-8	Copper	125		N*E	P
7439-89-6	Iron	7020			P
7439-92-1	Lead	99.2		*	P
7439-95-4	Magnesium	672	B	E	P
7439-96-5	Manganese	47.9			P
7440-02-0	Nickel	12.8		E	P
7440-09-7	Potassium	186	B		P
7782-49-2	Selenium	0.84	U	N	P
7440-22-4	Silver	0.87	B		P
7440-23-5	Sodium	37.8	B		P
7440-28-0	Thallium	0.90	B		P
7440-62-2	Vanadium	26.3			P
7440-66-6	Zinc	176		N*	P
7439-97-6	Mercury	1.1		*	CV
	Cyanide	0.16	U		CA

Color Before: BROWN Clarity Before: _____Texture: MIXEDColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS1002

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-12A

Sample wt/vol: 30.6 (g/mL) G Lab File ID: S4A4000

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.1 Extraction: (Type) SONC

CONCENTRATION UNITS:

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	430	U
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl) Ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	1700	
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy) methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
92-52-4	1,1'-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	430	U
606-20-2	2,6-Dinitrotoluene	430	U
208-96-8	Acenaphthylene	430	
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	430	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS1002

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-12A

Sample wt/vol: 30.6 (g/mL) G Lab File ID: S4A4000

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.1 Extraction: (Type) SONC

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	47	J
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
86-73-7	Fluorene	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	830	
120-12-7	Anthracene	510	
86-74-8	Carbazole	190	J
84-74-2	Di-n-butylphthalate	57	J
206-44-0	Fluoranthene	1200	
129-00-0	Pyrene	1000	
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	480	
218-01-9	Chrysene	720	
117-81-7	bis(2-Ethylhexyl)phthalate	5800	E
117-84-0	Di-n-octylphthalate	3900	E
205-99-2	Benzo(b)fluoranthene	1300	
207-08-9	Benzo(k)fluoranthene	510	
50-32-8	Benzo(a)pyrene	880	
193-39-5	Indeno(1,2,3-cd)pyrene	620	
53-70-3	Dibenzo(a,h)anthracene	220	J
191-24-2	Benzo(g,h,i)perylene	520	

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS1002

Lab Name: MITKEM CORPORATION Contract: _____
Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119
Matrix: (soil/water) SOIL Lab Sample ID: C0119-12A
Sample wt/vol: 30.6 (g/mL) G Lab File ID: S4A4000
Level: (low/med) LOW Date Received: 02/06/04
% Moisture: 24 Decanted: (Y/N) N Date Extracted: 02/11/04
Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) Y pH: 8.1 Extraction: (Type) SONC

Number TICs found: 20 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 65-85-0	BENZOIC ACID	8.52	200	NJ
2. 676-22-2	1,5,9-CYCLODODECATRIENE, (E,	9.73	110	NJ
3. 2765-29-9	1,5,9-CYCLODODECATRIENE, (E,	10.02	140	NJ
4. 872-05-9	1-DECENE	11.42	360	NJ
5.	UNKNOWN	13.17	300	J
6. 486-25-9	9H-FLUOREN-9-ONE	13.84	170	NJ
7.	UNKNOWN	14.81	430	J
8.	UNKNOWN	14.89	190	J
9.	UNKNOWN	14.94	120	J
10.	UNKNOWN	15.04	100	J
11. 57-10-3	HEXADECANOIC ACID	15.10	290	NJ
12.	UNKNOWN	15.17	96	J
13. 84-65-1	9,10-ANTHRACENEDIONE	15.54	320	NJ
14.	UNKNOWN	16.40	110	J
15. 82-05-3	7H-BENZ [DE] ANTHRACEN-7-ONE	17.95	340	NJ
16.	UNKNOWN	18.12	640	J
17.	UNKNOWN	18.20	2000	J
18.	UNKNOWN	19.18	2500	J
19.	UNKNOWN	19.24	1900	J
20.	UNKNOWN	20.18	2700	J
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS1002DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-12ADL

Sample wt/vol: 30.6 (g/mL) G Lab File ID: S4A4017

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 8.1 Extraction: (Type) SONC

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

CAS NO. COMPOUND

100-52-7	Benzaldehyde	850	U
108-95-2	Phenol	850	U
111-44-4	bis(2-Chloroethyl) Ether	850	U
95-57-8	2-Chlorophenol	850	U
95-48-7	2-Methylphenol	850	U
108-60-1	2,2'-oxybis(1-Chloropropane)	850	U
98-86-2	Acetophenone	1900	D
106-44-5	4-Methylphenol	850	U
621-64-7	N-Nitroso-di-n-propylamine	850	U
67-72-1	Hexachloroethane	850	U
98-95-3	Nitrobenzene	850	U
78-59-1	Isophorone	850	U
88-75-5	2-Nitrophenol	850	U
105-67-9	2,4-Dimethylphenol	850	U
111-91-1	bis(2-Chloroethoxy) methane	850	U
120-83-2	2,4-Dichlorophenol	850	U
91-20-3	Naphthalene	850	U
106-47-8	4-Chloroaniline	850	U
87-68-3	Hexachlorobutadiene	850	U
105-60-2	Caprolactam	850	U
59-50-7	4-Chloro-3-Methylphenol	850	U
91-57-6	2-Methylnaphthalene	850	U
77-47-4	Hexachlorocyclopentadiene	850	U
88-06-2	2,4,6-Trichlorophenol	850	U
95-95-4	2,4,5-Trichlorophenol	2100	U
92-52-4	1,1'-Biphenyl	850	U
91-58-7	2-Chloronaphthalene	850	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethylphthalate	850	U
606-20-2	2,6-Dinitrotoluene	850	U
208-96-8	Acenaphthylene	300	DJ
99-09-2	3-Nitroaniline	2100	U
83-32-9	Acenaphthene	850	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS1002DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-12ADL

Sample wt/vol: 30.6 (g/mL) G Lab File ID: S4A4017

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 8.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	2100	U
100-02-7	4-Nitrophenol	2100	U
132-64-9	Dibenzofuran	850	U
121-14-2	2,4-Dinitrotoluene	850	U
84-66-2	Diethylphthalate	850	U
86-73-7	Fluorene	850	U
7005-72-3	4-Chlorophenyl-phenylether	850	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-methylphenol	2100	U
86-30-6	N-Nitrosodiphenylamine (1)	850	U
101-55-3	4-Bromophenyl-phenylether	850	U
118-74-1	Hexachlorobenzene	850	U
1912-24-9	Atrazine	850	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	860	D
120-12-7	Anthracene	340	DJ
86-74-8	Carbazole	210	DJ
84-74-2	Di-n-butylphthalate	850	U
206-44-0	Fluoranthene	1100	D
129-00-0	Pyrene	1200	D
85-68-7	Butylbenzylphthalate	850	U
91-94-1	3,3'-Dichlorobenzidine	850	U
56-55-3	Benzo(a)anthracene	510	DJ
218-01-9	Chrysene	750	DJ
117-81-7	bis(2-Ethylhexyl)phthalate	6400	D
117-84-0	Di-n-octylphthalate	4100	D
205-99-2	Benzo(b)fluoranthene	1300	D
207-08-9	Benzo(k)fluoranthene	470	DJ
50-32-8	Benzo(a)pyrene	860	D
193-39-5	Indeno(1,2,3-cd)pyrene	620	DJ
53-70-3	Dibenzo(a,h)anthracene	200	DJ
191-24-2	Benzo(g,h,i)perylene	550	DJ

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS1002DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-12ADL

Sample wt/vol: 30.6 (g/mL) G Lab File ID: S4A4017

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 8.1 Extraction: (Type) SONC

Number TICs found: 14

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.60	210	JD
2.	UNKNOWN	13.10	410	JD
3. 486-25-9	9H-FLUOREN-9-ONE	13.74	190	NJD
4. 57-10-3	HEXADECANOIC ACID	15.01	390	NJD
5. 84-65-1	9,10-ANTHRACENEDIONE	15.43	280	NJD
6. 5737-13-3	CYCLOPENTA (DEF) PHENANTHRENON	15.94	250	NJD
7.	UNKNOWN	16.31	180	JD
8.	UNKNOWN	17.83	180	JD
9. 3648-21-3	1,2-BENZENEDICARBOXYLIC ACID	18.03	300	NJD
10. 3648-21-3	1,2-BENZENEDICARBOXYLIC ACID	18.11	990	NJD
11.	UNKNOWN	18.73	260	JD
12. 3648-21-3	1,2-BENZENEDICARBOXYLIC ACID	19.09	1200	NJD
13.	UNKNOWN	20.07	2900	JD
14.	UNKNOWN	20.55	4900	JD
15.				
16.				
17.				
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS1002

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: C0119

Matrix: (soil/water) SOIL

Lab Sample ID: C0119-12A

Sample wt/vol: 30.3(g/mL) G

Lab File ID: E4C1808F

% Moisture: 24 Decanted: (Y/N) N

Date Received: 02/06/04

Extraction: (Type) SONC

Date Extracted: 02/11/04

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 02/21/04

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.1

Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND		
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.3	U
72-55-9	4,4'-DDE	8.2	
72-20-8	Endrin	4.3	U
33213-65-9	Endosulfan II	4.3	U
72-54-8	4,4'-DDD	6.4	P
1031-07-8	Endosulfan sulfate	4.3	U
50-29-3	4,4'-DDT	55	
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	12	P
7421-93-4	Endrin aldehyde	4.3	U
5103-71-9	alpha-Chlordane	4.4	P
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSS1002

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0119Matrix (soil/water): SOILLab Sample ID: C0119-12Level (low/med): MEDDate Received: 02/06/04% Solids: 76.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3460		*	P
7440-36-0	Antimony	0.39	U	N	P
7440-38-2	Arsenic	2.4			P
7440-39-3	Barium	194			P
7440-41-7	Beryllium	0.039	U		P
7440-43-9	Cadmium	1.2			P
7440-70-2	Calcium	19600		*	P
7440-47-3	Chromium	7.5		*	P
7440-48-4	Cobalt	1.7	B		P
7440-50-8	Copper	20.6		N*E	P
7439-89-6	Iron	6910			P
7439-92-1	Lead	95.6		*	P
7439-95-4	Magnesium	1470		E	P
7439-96-5	Manganese	78.6			P
7440-02-0	Nickel	8.5		E	P
7440-09-7	Potassium	247	B		P
7782-49-2	Selenium	1.2		N	P
7440-22-4	Silver	0.40	B		P
7440-23-5	Sodium	130	B		P
7440-28-0	Thallium	0.59	U		P
7440-62-2	Vanadium	19.8			P
7440-66-6	Zinc	197		N*	P
7439-97-6	Mercury	0.62		*	CV
	Cyanide	0.20	B		CA

Color Before: BROWN Clarity Before: _____Texture: MIXEDColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS1102

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0119

Matrix: (soil/water) SOIL

Lab Sample ID: C0119-09A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S4A3990

Level: (low/med) LOW

Date Received: 02/06/04

% Moisture: 8 Decanted: (Y/N) N

Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6

Extraction: (Type) SONC

CONCENTRATION UNITS:

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

CAS NO.

COMPOUND

100-52-7	Benzaldehyde	360	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl) Ether	360	U
95-57-8	2-Chlorophenol	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U
98-86-2	Acetophenone	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy) methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
105-60-2	Caprolactam	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	900	U
92-52-4	1,1'-Biphenyl	360	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	900	U
131-11-3	Dimethylphthalate	360	U
606-20-2	2,6-Dinitrotoluene	360	U
208-96-8	Acenaphthylene	360	U
99-09-2	3-Nitroaniline	900	U
83-32-9	Acenaphthene	360	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS1102

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-09A

Sample wt/vol: 30.2(g/mL) G Lab File ID: S4A3990

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 8 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	900	U
100-02-7	4-Nitrophenol	900	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
86-73-7	Fluorene	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
100-01-6	4-Nitroaniline	900	U
534-52-1	4,6-Dinitro-2-methylphenol	900	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
1912-24-9	Atrazine	360	U
87-86-5	Pentachlorophenol	900	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
86-74-8	Carbazole	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	490	
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenzo(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS1102

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-09A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A3990

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 8 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6 Extraction: (Type) SONC

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

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 872-05-9	1-DECENE	11.38	360	NJ
2.	UNKNOWN	16.49	210	J
3. 646-13-9	OCTADECANOIC ACID, 2-METHYLP	17.66	170	NJ
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS1102

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-09A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E4C1797F

% Moisture: 8 Decanted: (Y/N) N Date Received: 02/06/04

Extraction: (Type) SONC Date Extracted: 02/11/04

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/21/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6 Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND		
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	2.4	JP
72-55-9	4,4'-DDE	3.6	U
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4'-DDD	3.6	U
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	6.8	P
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.6	U
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	260	P

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSS1102

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0119Matrix (soil/water): SOILLab Sample ID: C0119-09Level (low/med): MEDDate Received: 02/06/04% Solids: 92.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1200		*	P
7440-36-0	Antimony	0.31	U	N	P
7440-38-2	Arsenic	5.6			P
7440-39-3	Barium	16.1	B		P
7440-41-7	Beryllium	0.031	U		P
7440-43-9	Cadmium	2.0			P
7440-70-2	Calcium	2160		*	P
7440-47-3	Chromium	5.4		*	P
7440-48-4	Cobalt	8.4			P
7440-50-8	Copper	66.0		N*E	P
7439-89-6	Iron	55600			P
7439-92-1	Lead	46.3		*	P
7439-95-4	Magnesium	525	B	E	P
7439-96-5	Manganese	271			P
7440-02-0	Nickel	25.5		E	P
7440-09-7	Potassium	165	B		P
7782-49-2	Selenium	0.61	U	N	P
7440-22-4	Silver	1.3	B		P
7440-23-5	Sodium	49.6	B		P
7440-28-0	Thallium	1.5	B		P
7440-62-2	Vanadium	50.6			P
7440-66-6	Zinc	434		N*	P
7439-97-6	Mercury	0.054	U	*	CV
	Cyanide	0.15	U		CA

Color Before: BROWN Clarity Before: _____Texture: MIXEDColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS1202

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-10A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A3994

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 56 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	750	U
108-95-2	Phenol	750	U
111-44-4	bis(2-Chloroethyl) Ether	750	U
95-57-8	2-Chlorophenol	750	U
95-48-7	2-Methylphenol	750	U
108-60-1	2,2'-oxybis(1-Chloropropane)	750	U
98-86-2	Acetophenone	750	U
106-44-5	4-Methylphenol	750	U
621-64-7	N-Nitroso-di-n-propylamine	750	U
67-72-1	Hexachloroethane	750	U
98-95-3	Nitrobenzene	750	U
78-59-1	Isophorone	750	U
88-75-5	2-Nitrophenol	750	U
105-67-9	2,4-Dimethylphenol	750	U
111-91-1	bis(2-Chloroethoxy) methane	750	U
120-83-2	2,4-Dichlorophenol	750	U
91-20-3	Naphthalene	230	J
106-47-8	4-Chloroaniline	750	U
87-68-3	Hexachlorobutadiene	750	U
105-60-2	Caprolactam	750	U
59-50-7	4-Chloro-3-Methylphenol	750	U
91-57-6	2-Methylnaphthalene	100	J
77-47-4	Hexachlorocyclopentadiene	750	U
88-06-2	2,4,6-Trichlorophenol	750	U
95-95-4	2,4,5-Trichlorophenol	1900	U
92-52-4	1,1'-Biphenyl	750	U
91-58-7	2-Chloronaphthalene	750	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	750	U
606-20-2	2,6-Dinitrotoluene	750	U
208-96-8	Acenaphthylene	750	U
99-09-2	3-Nitroaniline	1900	U
83-32-9	Acenaphthene	750	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS1202

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0119

Matrix: (soil/water) SOIL

Lab Sample ID: C0119-10A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S4A3994

Level: (low/med) LOW

Date Received: 02/06/04

% Moisture: 56 Decanted: (Y/N) N

Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8

Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	1900	U
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	750	U
121-14-2	2,4-Dinitrotoluene	750	U
84-66-2	Diethylphthalate	750	U
86-73-7	Fluorene	750	U
7005-72-3	4-Chlorophenyl-phenylether	750	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
86-30-6	N-Nitrosodiphenylamine (1)	750	U
101-55-3	4-Bromophenyl-phenylether	750	U
118-74-1	Hexachlorobenzene	750	U
1912-24-9	Atrazine	750	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	120	J
120-12-7	Anthracene	750	U
86-74-8	Carbazole	750	U
84-74-2	Di-n-butylphthalate	220	J
206-44-0	Fluoranthene	130	J
129-00-0	Pyrene	97	J
85-68-7	Butylbenzylphthalate	160	J
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo (a) anthracene	750	U
218-01-9	Chrysene	750	U
117-81-7	bis(2-Ethylhexyl)phthalate	2300	
117-84-0	Di-n-octylphthalate	750	U
205-99-2	Benzo (b) fluoranthene	750	U
207-08-9	Benzo (k) fluoranthene	750	U
50-32-8	Benzo (a) pyrene	750	U
193-39-5	Indeno (1,2,3-cd) pyrene	750	U
53-70-3	Dibenzo (a,h) anthracene	750	U
191-24-2	Benzo (g,h,i) perylene	750	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSS1202

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-10A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A3994

Level: (low/med) LOW Date Received: 02/06/04

% Moisture: 56 Decanted: (Y/N) N Date Extracted: 02/11/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/25/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

Number TICs found: 19

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 620-14-4	BENZENE, 1-ETHYL-3-METHYL-	6.12	230	NJ
2.	UNKNOWN	6.88	300	J
3. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.22	340	NJ
4. 934-74-7	BENZENE, 1-ETHYL-3,5-DIMETHY	7.29	290	NJ
5. 488-23-3	BENZENE, 1,2,3,4-TETRAMETHYL	8.39	180	NJ
6. 872-05-9	1-DECENE	11.38	630	NJ
7. 2091-29-4	9-HEXADECENOIC ACID	14.92	360	NJ
8. 2091-29-4	9-HEXADECENOIC ACID	14.98	850	NJ
9. 57-10-3	HEXADECANOIC ACID	15.05	1600	NJ
10.	UNKNOWN	16.18	180	J
11. 112-80-1	OLEIC ACID	16.21	1200	NJ
12. 57-11-4	OCTADECANOIC ACID	16.35	910	NJ
13. 629-54-9	HEXADECANAMIDE	16.49	1100	NJ
14. 72-55-9	P, P'-DDE	16.63	210	NJ
15. 72-54-8	1,1-DICHLORO-2,2-BIS(P-CHLOR	17.19	280	NJ
16. 301-02-0	9-OCTADECENAMIDE, (Z) -	17.58	360	NJ
17. 789-02-6	O, P'-DDT	17.68	940	NJ
18.	UNKNOWN	17.72	2700	J
19.	UNKNOWN	24.06	1800	J
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS1202

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0119

Matrix: (soil/water) SOIL

Lab Sample ID: C0119-10A

Sample wt/vol: 30.4(g/mL) G

Lab File ID: E4C1819F

% Moisture: 56 Decanted: (Y/N) N

Date Received: 02/06/04

Extraction: (Type) SONC

Date Extracted: 02/11/04

Concentrated Extract Volume: 5000(uL)

Date Analyzed: 02/21/04

Injection Volume: 1.0(uL)

Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 6.8

Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND		
319-84-6	alpha-BHC	7.6	U
319-85-7	beta-BHC	10	P
319-86-8	delta-BHC	7.6	U
58-89-9	gamma-BHC (Lindane)	7.6	U
76-44-8	Heptachlor	7.6	U
309-00-2	Aldrin	7.6	U
1024-57-3	Heptachlor epoxide	7.6	U
959-98-8	Endosulfan I	7.6	U
60-57-1	Dieldrin	290	E
72-55-9	4,4'-DDE	360	E
72-20-8	Endrin	15	U
33213-65-9	Endosulfan II	15	U
72-54-8	4,4'-DDD	260	E
1031-07-8	Endosulfan sulfate	15	U
50-29-3	4,4'-DDT	1600	E
72-43-5	Methoxychlor	76	U
53494-70-5	Endrin ketone	15	U
7421-93-4	Endrin aldehyde	15	U
5103-71-9	alpha-Chlordane	48	P
5103-74-2	gamma-Chlordane	53	P
8001-35-2	Toxaphene	760	U
12674-11-2	Aroclor-1016	150	U
11104-28-2	Aroclor-1221	300	U
11141-16-5	Aroclor-1232	150	U
53469-21-9	Aroclor-1242	150	U
12672-29-6	Aroclor-1248	150	U
11097-69-1	Aroclor-1254	150	U
11096-82-5	Aroclor-1260	370	P

1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSS1202DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0119

Matrix: (soil/water) SOIL Lab Sample ID: C0119-10ADL

Sample wt/vol: 30.4 (g/mL) G Lab File ID: E4C1820F

% Moisture: 56 Decanted: (Y/N) N Date Received: 02/06/04

Extraction: (Type) SONC Date Extracted: 02/11/04

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 02/21/04

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 6.8 Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND		
319-84-6	alpha-BHC	76	U
319-85-7	beta-BHC	76	U
319-86-8	delta-BHC	76	U
58-89-9	gamma-BHC (Lindane)	76	U
76-44-8	Heptachlor	76	U
309-00-2	Aldrin	76	U
1024-57-3	Heptachlor epoxide	76	U
959-98-8	Endosulfan I	76	U
60-57-1	Dieldrin	310	D
72-55-9	4,4'-DDE	390	D
72-20-8	Endrin	150	U
33213-65-9	Endosulfan II	150	U
72-54-8	4,4'-DDD	290	D
1031-07-8	Endosulfan sulfate	150	U
50-29-3	4,4'-DDT	1900	D
72-43-5	Methoxychlor	760	U
53494-70-5	Endrin ketone	150	U
7421-93-4	Endrin aldehyde	150	U
5103-71-9	alpha-Chlordane	58	DJP
5103-74-2	gamma-Chlordane	65	DJ
8001-35-2	Toxaphene	7600	U
12674-11-2	Aroclor-1016	1500	U
11104-28-2	Aroclor-1221	3000	U
11141-16-5	Aroclor-1232	1500	U
53469-21-9	Aroclor-1242	1500	U
12672-29-6	Aroclor-1248	1500	U
11097-69-1	Aroclor-1254	1500	U
11096-82-5	Aroclor-1260	1500	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSS1202

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0119Matrix (soil/water): SOILLab Sample ID: C0119-10Level (low/med): MEDDate Received: 02/06/04% Solids: 44.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6640		*	P
7440-36-0	Antimony	0.86	U	N	P
7440-38-2	Arsenic	11.6			P
7440-39-3	Barium	534			P
7440-41-7	Beryllium	0.086	U		P
7440-43-9	Cadmium	6.7			P
7440-70-2	Calcium	4790		*	P
7440-47-3	Chromium	106		*	P
7440-48-4	Cobalt	6.1	B		P
7440-50-8	Copper	5290		N+E	P
7439-89-6	Iron	11700			P
7439-92-1	Lead	708		*	P
7439-95-4	Magnesium	1910	B	E	P
7439-96-5	Manganese	142			P
7440-02-0	Nickel	103		E	P
7440-09-7	Potassium	397	B		P
7782-49-2	Selenium	2.2		N	P
7440-22-4	Silver	29.1			P
7440-23-5	Sodium	452	B		P
7440-28-0	Thallium	1.3	U		P
7440-62-2	Vanadium	475			P
7440-66-6	Zinc	1740		N*	P
7439-97-6	Mercury	4.2		*	CV
	Cyanide	1.8			CA

Color Before: BLACK Clarity Before: _____Texture: MEDIUMColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1108

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: C0132

Matrix: (soil/water) SOIL

Lab Sample ID: C0132-07A

Sample wt/vol: 5.3 (g/mL) G

Lab File ID: V2G1204

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: not dec. 20

Date Analyzed: 02/18/04

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/KG Q

75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl tert-Butyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1108

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-07A

Sample wt/vol: 5.3(g/mL) G Lab File ID: V2G1204

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 20 Date Analyzed: 02/18/04

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/KG Q

CAS NO. COMPOUND

79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS1108

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-07A

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V2G1204

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 20 Date Analyzed: 02/18/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1108

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-07B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A3928

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl) Ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1108

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0132

Matrix: (soil/water) SOIL

Lab Sample ID: C0132-07B

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: S4A3928

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: 20

Decanted: (Y/N) N

Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 6.4

Extraction: (Type) SONC

CAS NO.

COMPOUND

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

51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS1108

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-07B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A3928

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 872-05-9	1-DECENE	11.41	360	NJ
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U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSBS1108

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0132Matrix (soil/water): SOILLab Sample ID: C0132-07Level (low/med): MEDDate Received: 02/11/04% Solids: 80.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	815			P
7440-36-0	Antimony	0.43	U	N	P
7440-38-2	Arsenic	0.52	B		P
7440-39-3	Barium	2.8	B		P
7440-41-7	Beryllium	0.11	B		P
7440-43-9	Cadmium	0.043	U	N	P
7440-70-2	Calcium	90.0	B		P
7440-47-3	Chromium	2.0	B		P
7440-48-4	Cobalt	0.96	B		P
7440-50-8	Copper	3.3	B		P
7439-89-6	Iron	1970			P
7439-92-1	Lead	2.4			P
7439-95-4	Magnesium	201	B		P
7439-96-5	Manganese	42.3			P
7440-02-0	Nickel	0.74	B		P
7440-09-7	Potassium	98.9	B		P
7782-49-2	Selenium	0.43	U	N	P
7440-22-4	Silver	0.26	B		P
7440-23-5	Sodium	14.0	B		P
7440-28-0	Thallium	0.43	U		P
7440-62-2	Vanadium	3.0	B		P
7440-66-6	Zinc	4.8			P
7439-97-6	Mercury	0.060	U		CV
	Cyanide	0.18	U		CA

Color Before: SAND Clarity Before: _____Texture: FINEColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS2108

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-08A

Sample wt/vol: 5.3(g/mL) G Lab File ID: V2G1205

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 12 Date Analyzed: 02/18/04

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/KG Q

CAS NO. COMPOUND

75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	Methyl tert-Butyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS2108

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0132

Matrix: (soil/water) SOIL

Lab Sample ID: C0132-08A

Sample wt/vol: 5.3 (g/mL) G

Lab File ID: V2G1205

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: not dec. 12

Date Analyzed: 02/18/04

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/KG Q

79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS2108

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-08A

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V2G1205

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 12 Date Analyzed: 02/18/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS2108

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0132

Matrix: (soil/water) SOIL

Lab Sample ID: C0132-08B

Sample wt/vol: 30.2(g/mL) G

Lab File ID: S4A4030

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: 12

Decanted: (Y/N) N

Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 6.8

Extraction: (Type) SONC

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl) Ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	940	U
83-32-9	Acenaphthene	370	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS2108

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-08B

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A4030

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

CAS NO. COMPOUND

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

51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	190	J
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS2108

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-08B

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A4030

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 112-53-8	1-DODECANOL	11.36	400	NJ
2.	UNKNOWN	15.46	85	J
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U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSBS2108

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0132Matrix (soil/water): SOILLab Sample ID: C0132-08Level (low/med): MEDDate Received: 02/11/04% Solids: 88.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	595			P
7440-36-0	Antimony	0.39	U N		P
7440-38-2	Arsenic	0.44	B		P
7440-39-3	Barium	1.9	B		P
7440-41-7	Beryllium	0.059	B		P
7440-43-9	Cadmium	0.039	U N		P
7440-70-2	Calcium	183	B		P
7440-47-3	Chromium	5.4			P
7440-48-4	Cobalt	0.50	B		P
7440-50-8	Copper	3.4	B		P
7439-89-6	Iron	1640			P
7439-92-1	Lead	2.1			P
7439-95-4	Magnesium	191	B		P
7439-96-5	Manganese	22.7			P
7440-02-0	Nickel	0.74	B		P
7440-09-7	Potassium	54.4	B		P
7782-49-2	Selenium	0.39	U N		P
7440-22-4	Silver	0.23	B		P
7440-23-5	Sodium	16.0	B		P
7440-28-0	Thallium	0.39	U		P
7440-62-2	Vanadium	4.9	B		P
7440-66-6	Zinc	3.1	B		P
7439-97-6	Mercury	0.049	U		CV
	Cyanide	0.15	U		CA

Color Before: TAN Clarity Before: _____Texture: FINEColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS342

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-13A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V2G1208

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. 32 Date Analyzed: 02/18/04

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/KG Q

CAS NO. COMPOUND

75-71-8	Dichlorodifluoromethane	14	U
74-87-3	Chloromethane	14	U
75-01-4	Vinyl Chloride	14	U
74-83-9	Bromomethane	14	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	14	U
75-35-4	1,1-Dichloroethene	14	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	14	U
67-64-1	Acetone	14	U
75-15-0	Carbon Disulfide	14	U
79-20-9	Methyl Acetate	14	U
75-09-2	Methylene Chloride	14	U
156-60-5	trans-1,2-Dichloroethene	14	U
1634-04-4	Methyl tert-Butyl Ether	14	U
75-34-3	1,1-Dichloroethane	14	U
156-59-2	cis-1,2-Dichloroethene	14	U
78-93-3	2-Butanone	14	U
67-66-3	Chloroform	14	U
71-55-6	1,1,1-Trichloroethane	14	U
110-82-7	Cyclohexane	14	U
56-23-5	Carbon Tetrachloride	14	U
71-43-2	Benzene	14	U
107-06-2	1,2-Dichloroethane	14	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS342

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-13A

Sample wt/vol: 5.4(g/mL) G Lab File ID: V2G1208

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. 32 Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	14	U
108-87-2	Methylcyclohexane	14	U
78-87-5	1,2-Dichloropropane	14	U
75-27-4	Bromodichloromethane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
108-88-3	Toluene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
79-00-5	1,1,2-Trichloroethane	14	U
127-18-4	Tetrachloroethene	14	U
591-78-6	2-Hexanone	14	U
124-48-1	Dibromochloromethane	14	U
106-93-4	1,2-Dibromoethane	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
1330-20-7	Xylene (total)	14	U
100-42-5	Styrene	14	U
75-25-2	Bromoform	14	U
98-82-8	Isopropylbenzene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
541-73-1	1,3-Dichlorobenzene	14	U
106-46-7	1,4-Dichlorobenzene	14	U
95-50-1	1,2-Dichlorobenzene	14	U
96-12-8	1,2-Dibromo-3-chloropropane	14	U
120-82-1	1,2,4-Trichlorobenzene	14	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS342

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-13A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V2G1208

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. 32 Date Analyzed: 02/18/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS342

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-13B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9145

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 32 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/04/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 10.9 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	490	U
108-95-2	Phenol	490	U
111-44-4	bis(2-Chloroethyl) Ether	490	U
95-57-8	2-Chlorophenol	490	U
95-48-7	2-Methylphenol	490	U
108-60-1	2,2'-oxybis(1-Chloropropane)	490	U
98-86-2	Acetophenone	490	U
106-44-5	4-Methylphenol	490	U
621-64-7	N-Nitroso-di-n-propylamine	490	U
67-72-1	Hexachloroethane	490	U
98-95-3	Nitrobenzene	490	U
78-59-1	Isophorone	490	U
88-75-5	2-Nitrophenol	490	U
105-67-9	2,4-Dimethylphenol	490	U
111-91-1	bis(2-Chloroethoxy)methane	490	U
120-83-2	2,4-Dichlorophenol	490	U
91-20-3	Naphthalene	490	U
106-47-8	4-Chloroaniline	490	U
87-68-3	Hexachlorobutadiene	490	U
105-60-2	Caprolactam	490	U
59-50-7	4-Chloro-3-Methylphenol	490	U
91-57-6	2-Methylnaphthalene	490	U
77-47-4	Hexachlorocyclopentadiene	490	U
88-06-2	2,4,6-Trichlorophenol	490	U
95-95-4	2,4,5-Trichlorophenol	1200	U
92-52-4	1,1'-Biphenyl	490	U
91-58-7	2-Chloronaphthalene	490	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	490	U
606-20-2	2,6-Dinitrotoluene	490	U
208-96-8	Acenaphthylene	490	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	490	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS342

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0132

Matrix: (soil/water) SOIL

Lab Sample ID: C0132-13B

Sample wt/vol: 30.0(g/mL) G

Lab File ID: S2D9145

Level: (low/med) LOW

Date Received: 02/12/04

% Moisture: 32

Decanted: (Y/N) N

Date Extracted: 02/13/04

Concentrated Extract Volume: 500(uL)

Date Analyzed: 03/04/04

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 10.9

Extraction: (Type) SONC

CAS NO.

COMPOUND

CONCENTRATION UNITS:

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

51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	1200	U
132-64-9	Dibenzofuran	490	U
121-14-2	2,4-Dinitrotoluene	490	U
84-66-2	Diethylphthalate	490	U
86-73-7	Fluorene	490	U
7005-72-3	4-Chlorophenyl-phenylether	490	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	490	U
101-55-3	4-Bromophenyl-phenylether	490	U
118-74-1	Hexachlorobenzene	490	U
1912-24-9	Atrazine	490	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	490	U
120-12-7	Anthracene	490	U
86-74-8	Carbazole	490	U
84-74-2	Di-n-butylphthalate	490	U
206-44-0	Fluoranthene	95	J
129-00-0	Pyrene	360	J
85-68-7	Butylbenzylphthalate	490	U
91-94-1	3,3'-Dichlorobenzidine	490	U
56-55-3	Benzo(a)anthracene	73	J
218-01-9	Chrysene	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	490	U
205-99-2	Benzo(b)fluoranthene	180	J
207-08-9	Benzo(k)fluoranthene	58	J
50-32-8	Benzo(a)pyrene	93	J
193-39-5	Indeno(1,2,3-cd)pyrene	490	U
53-70-3	Dibenzo(a,h)anthracene	490	U
191-24-2	Benzo(g,h,i)perylene	490	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS342

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-13B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9145

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 32 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/04/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 10.9 Extraction: (Type) SONC

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 2156-97-0	DODECYL ACRYLATE	15.40	710	NJ
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS342RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-13BRE

Sample wt/vol: 30.0(g/mL) G Lab File ID: S2D9147

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 32 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 03/04/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 10.9 Extraction: (Type) SONC

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

CAS NO. COMPOUND

100-52-7	Benzaldehyde	490	U
108-95-2	Phenol	490	U
111-44-4	bis(2-Chloroethyl) Ether	490	U
95-57-8	2-Chlorophenol	490	U
95-48-7	2-Methylphenol	490	U
108-60-1	2,2'-oxybis(1-Chloropropane)	490	U
98-86-2	Acetophenone	490	U
106-44-5	4-Methylphenol	490	U
621-64-7	N-Nitroso-di-n-propylamine	490	U
67-72-1	Hexachloroethane	490	U
98-95-3	Nitrobenzene	490	U
78-59-1	Isophorone	490	U
88-75-5	2-Nitrophenol	490	U
105-67-9	2,4-Dimethylphenol	490	U
111-91-1	bis(2-Chloroethoxy)methane	490	U
120-83-2	2,4-Dichlorophenol	490	U
91-20-3	Naphthalene	490	U
106-47-8	4-Chloroaniline	490	U
87-68-3	Hexachlorobutadiene	490	U
105-60-2	Caprolactam	490	U
59-50-7	4-Chloro-3-Methylphenol	490	U
91-57-6	2-Methylnaphthalene	490	U
77-47-4	Hexachlorocyclopentadiene	490	U
88-06-2	2,4,6-Trichlorophenol	490	U
95-95-4	2,4,5-Trichlorophenol	1200	U
92-52-4	1,1'-Biphenyl	490	U
91-58-7	2-Chloronaphthalene	490	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	490	U
606-20-2	2,6-Dinitrotoluene	490	U
208-96-8	Acenaphthylene	490	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	490	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS342RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-13BRE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9147

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 32 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/04/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 10.9 Extraction: (Type) SONC

CAS NO. COMPOUND

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

51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	1200	U
132-64-9	Dibenzofuran	490	U
121-14-2	2,4-Dinitrotoluene	490	U
84-66-2	Diethylphthalate	490	U
86-73-7	Fluorene	490	U
7005-72-3	4-Chlorophenyl-phenylether	490	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	490	U
101-55-3	4-Bromophenyl-phenylether	490	U
118-74-1	Hexachlorobenzene	490	U
1912-24-9	Atrazine	490	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	490	U
120-12-7	Anthracene	490	U
86-74-8	Carbazole	490	U
84-74-2	Di-n-butylphthalate	490	U
206-44-0	Fluoranthene	82	J
129-00-0	Pyrene	380	J
85-68-7	Butylbenzylphthalate	490	U
91-94-1	3,3'-Dichlorobenzidine	490	U
56-55-3	Benzo(a)anthracene	79	J
218-01-9	Chrysene	110	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	490	U
205-99-2	Benzo(b)fluoranthene	160	J
207-08-9	Benzo(k)fluoranthene	68	J
50-32-8	Benzo(a)pyrene	95	J
193-39-5	Indeno(1,2,3-cd)pyrene	490	U
53-70-3	Dibenzo(a,h)anthracene	490	U
191-24-2	Benzo(g,h,i)perylene	490	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS342RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-13BRE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9147

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 32 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/04/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 10.9 Extraction: (Type) SONC

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 13151-94-5	CYCLOOCTANE, 1,2-DIMETHYL-	13.31	160	NJ
2. 3353-12-6	PYRENE, 4-METHYL-	20.47	110	NJ
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U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSBS342

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0132Matrix (soil/water): SOILLab Sample ID: C0132-13Level (low/med): MEDDate Received: 02/12/04% Solids: 68.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3530			P
7440-36-0	Antimony	0.57	U N		P
7440-38-2	Arsenic	4.5			P
7440-39-3	Barium	36.0	B		P
7440-41-7	Beryllium	0.27	B		P
7440-43-9	Cadmium	0.26	B N		P
7440-70-2	Calcium	90500			P
7440-47-3	Chromium	5.4			P
7440-48-4	Cobalt	1.6	B		P
7440-50-8	Copper	11.2			P
7439-89-6	Iron	4850			P
7439-92-1	Lead	29.1			P
7439-95-4	Magnesium	9600			P
7439-96-5	Manganese	344			P
7440-02-0	Nickel	3.4	B		P
7440-09-7	Potassium	228	B		P
7782-49-2	Selenium	0.57	U N		P
7440-22-4	Silver	0.67	B		P
7440-23-5	Sodium	98.7	B		P
7440-28-0	Thallium	0.57	U		P
7440-62-2	Vanadium	20.7			P
7440-66-6	Zinc	63.7			P
7439-97-6	Mercury	0.077	B		CV
	Cyanide	0.27	B		CA

Color Before: VARIED Clarity Before: _____Texture: MIXEDColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBA411595

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-15A

Sample wt/vol: 5.5(g/mL) G Lab File ID: V2G1209

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. 13 Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	23	
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S
BPSB/411595

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-15A

Sample wt/vol: 5.5(g/mL) G Lab File ID: V2G1209

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. 13 Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBA411595

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-15A

Sample wt/vol: 5.5 (g/mL) G Lab File ID: V2G1209

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. 13 Date Analyzed: 02/18/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBA411595

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-15B

Sample wt/vol: 30.2(g/mL) G Lab File ID: S4A3960

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 02/24/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl) Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy) methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBA411595

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0132

Matrix: (soil/water) SOIL

Lab Sample ID: C0132-15B

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S4A3960

Level: (low/med) LOW

Date Received: 02/12/04

% Moisture: 13 Decanted: (Y/N) N

Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.6

Extraction: (Type) SONC

CAS NO. COMPOUND

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

51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	260	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBA411595

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-15B

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A3960

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.6 Extraction: (Type) SONC

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 872-05-9	1-DECENE	11.39	410	NJ
2.	UNKNOWN	19.78	140	J
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U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSBA411595

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0132Matrix (soil/water): SOILLab Sample ID: C0132-15Level (low/med): MEDDate Received: 02/12/04% Solids: 87.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	659			P
7440-36-0	Antimony	0.37	U	N	P
7440-38-2	Arsenic	0.37	U		P
7440-39-3	Barium	1.7	B		P
7440-41-7	Beryllium	0.042	B		P
7440-43-9	Cadmium	0.037	U	N	P
7440-70-2	Calcium	38.2	B		P
7440-47-3	Chromium	2.9			P
7440-48-4	Cobalt	0.42	B		P
7440-50-8	Copper	2.5	B		P
7439-89-6	Iron	1120			P
7439-92-1	Lead	1.3			P
7439-95-4	Magnesium	121	B		P
7439-96-5	Manganese	14.6			P
7440-02-0	Nickel	0.64	B		P
7440-09-7	Potassium	43.2	B		P
7782-49-2	Selenium	0.37	U	N	P
7440-22-4	Silver	0.18	B		P
7440-23-5	Sodium	30.7	B		P
7440-28-0	Thallium	0.37	U		P
7440-62-2	Vanadium	1.7	B		P
7440-66-6	Zinc	3.9			P
7439-97-6	Mercury	0.055	U		CV
	Cyanide	1.5			CA

Color Before: TAN Clarity Before: _____Texture: FINEColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS5119

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-17A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V2G1210

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. 12 Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	Methyl tert-Butyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS5119

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-17A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V2G1210

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. 12 Date Analyzed: 02/18/04

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/KG Q

CAS NO. COMPOUND

79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS5119

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-17A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V2G1210

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. 12 Date Analyzed: 02/18/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS5119

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-17B

Sample wt/vol: 30.2(g/mL) G Lab File ID: S4A3961

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

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

100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl) Ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	940	U
83-32-9	Acenaphthene	370	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS5119

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-17B

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A3961

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

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

51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	370	U
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS5119

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-17B

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A3961

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.1 Extraction: (Type) SONC

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 872-05-9	1-DECENE	11.39	390	NJ
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSBS5119

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0132Matrix (soil/water): SOILLab Sample ID: C0132-17Level (low/med): MEDDate Received: 02/12/04% Solids: 88.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	615			P
7440-36-0	Antimony	0.41	U	N	P
7440-38-2	Arsenic	0.41	U		P
7440-39-3	Barium	1.8	B		P
7440-41-7	Beryllium	0.061	B		P
7440-43-9	Cadmium	0.041	U	N	P
7440-70-2	Calcium	54.3	B		P
7440-47-3	Chromium	2.2			P
7440-48-4	Cobalt	0.53	B		P
7440-50-8	Copper	3.2	B		P
7439-89-6	Iron	1430			P
7439-92-1	Lead	1.1			P
7439-95-4	Magnesium	150	B		P
7439-96-5	Manganese	27.1			P
7440-02-0	Nickel	0.85	B		P
7440-09-7	Potassium	48.7	B		P
7782-49-2	Selenium	0.41	U	N	P
7440-22-4	Silver	0.21	B		P
7440-23-5	Sodium	36.4	B		P
7440-28-0	Thallium	0.41	U		P
7440-62-2	Vanadium	2.0	B		P
7440-66-6	Zinc	4.0	B		P
7439-97-6	Mercury	0.049	U		CV
	Cyanide	0.17	U		CA

Color Before: TAN Clarity Before: _____Texture: FINEColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS6255

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-10B

Sample wt/vol: 5.0(g/mL) G Lab File ID: V2G1214

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. 15 Date Analyzed: 02/18/04

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/KG Q

75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	28	
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl tert-Butyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	3	J
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS6255

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-10B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V2G1214

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. 15 Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBS6255

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-10B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V2G1214

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. 15 Date Analyzed: 02/18/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS6255

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-10A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A3964

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis (2-Chloroethyl) Ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis (2-Chloroethoxy) methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	82	J
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	67	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	970	U
92-52-4	1,1'-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	390	U
606-20-2	2,6-Dinitrotoluene	390	U
208-96-8	Acenaphthylene	390	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	390	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS6255

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-10A

Sample wt/vol: 30.2(g/mL) G Lab File ID: S4A3964

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.3 Extraction: (Type) SONC

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
86-73-7	Fluorene	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	54	J
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	80	J
129-00-0	Pyrene	71	J
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	42	J
218-01-9	Chrysene	52	J
117-81-7	bis(2-Ethylhexyl)phthalate	63	J
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	57	J
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBS6255

Lab Name: MITKEM CORPORATION Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141
 Matrix: (soil/water) SOIL Lab Sample ID: C0141-10A
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A3964
 Level: (low/med) LOW Date Received: 02/13/04
 % Moisture: 15 Decanted: (Y/N) N Date Extracted: 02/13/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 6.3 Extraction: (Type) SONC

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

Number TICs found: 12

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 620-14-4	BENZENE, 1-ETHYL-3-METHYL-	6.14	100	NJ
2. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.57	270	NJ
3.	UNKNOWN	6.91	84	J
4. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.24	110	NJ
5. 135-01-3	BENZENE, 1,2-DIETHYL-	7.30	160	NJ
6. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	7.63	140	NJ
7.	UNKNOWN	7.81	91	J
8.	UNKNOWN	9.53	79	J
9. 872-05-9	1-DECENE	11.39	460	NJ
10. 6624-79-9	1-DOTRIACONTANOL	18.30	170	NJ
11.	UNKNOWN	19.35	280	J
12.	UNKNOWN	19.78	92	J
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SBS6255

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM Case No. _____

SAS No.: _____

SDG No.: MC0141Matrix (soil/water): SOILLab Sample ID: C0141-10Level (low/med): MEDDate Received: 02/13/04% Solids: 85.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2820			P
7440-36-0	Antimony	0.40	U	N	P
7440-38-2	Arsenic	2.3			P
7440-39-3	Barium	23.7	B		P
7440-41-7	Beryllium	0.040	U		P
7440-43-9	Cadmium	0.040	U	N	P
7440-70-2	Calcium	483	B	*	P
7440-47-3	Chromium	4.2		*	P
7440-48-4	Cobalt	1.2	B		P
7440-50-8	Copper	7.1			P
7439-89-6	Iron	3240		*	P
7439-92-1	Lead	25.4		*	P
7439-95-4	Magnesium	256	B		P
7439-96-5	Manganese	18.3		*	P
7440-02-0	Nickel	3.4	B		P
7440-09-7	Potassium	120	B		P
7782-49-2	Selenium	0.80	U	N	P
7440-22-4	Silver	0.40	U	N*	P
7440-23-5	Sodium	37.0	B		P
7440-28-0	Thallium	0.60	U		P
7440-62-2	Vanadium	5.6	B		P
7440-66-6	Zinc	31.3		N*	P
7439-97-6	Mercury	0.15			CV
	Cyanide	0.15	U		CA

Color Before: BROWN Clarity Before: _____Texture: MIXEDColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS731

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: 0397H

SAS No.: _____

SDG No.: C0141

Matrix: (soil/water) SOIL

Lab Sample ID: C0141-12B

Sample wt/vol: 5.3(g/mL) G

Lab File ID: V2G1215

Level: (low/med) LOW

Date Received: 02/13/04

% Moisture: not dec. 24

Date Analyzed: 02/18/04

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/KG Q

75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	11	J
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl tert-Butyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	2	J
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS731

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: 0397H SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-12B

Sample wt/vol: 5.3(g/mL) G Lab File ID: V2G1215

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. 24 Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBS731

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: 0397H SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-12B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V2G1215

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. 24 Date Analyzed: 02/18/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS731

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-12A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A4042

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	430	U
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl) Ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430	U
98-86-2	Acetophenone	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
111-91-1	bis(2-Chloroethoxy) methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
92-52-4	1,1'-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	430	U
606-20-2	2,6-Dinitrotoluene	430	U
208-96-8	Acenaphthylene	430	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	430	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS731

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-12A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A4042

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
86-73-7	Fluorene	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	430	U
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	58	J
129-00-0	Pyrene	61	J
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo (a) anthracene	49	J
218-01-9	Chrysene	77	J
117-81-7	bis(2-Ethylhexyl)phthalate	65	J
117-84-0	Di-n-octylphthalate	430	U
205-99-2	Benzo (b) fluoranthene	63	J
207-08-9	Benzo (k) fluoranthene	430	U
50-32-8	Benzo (a) pyrene	430	U
193-39-5	Indeno (1,2,3-cd) pyrene	430	U
53-70-3	Dibenzo (a,h) anthracene	430	U
191-24-2	Benzo (g,h,i) perylene	430	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBS731

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-12A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A4042

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: 24 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

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

Number TICs found: 11

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 103-82-2	BENZENEACETIC ACID	9.20	170	NJ
2. 112-53-8	1-DODECANOL	11.35	510	NJ
3.	UNKNOWN	13.12	130	J
4.	UNKNOWN	15.41	110	J
5.	UNKNOWN	16.88	660	J
6.	UNKNOWN	17.13	88	J
7.	UNKNOWN	18.27	220	J
8. 6765-39-5	1-HEPTADECENE	19.32	270	NJ
9.	UNKNOWN	19.71	140	J
10.	UNKNOWN	20.27	180	J
11. 514-07-8	D-FRIEDOLEAN-14-EN-3-ONE	23.98	370	NJ
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FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBS731

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0141

Matrix: (soil/water) SOIL

Lab Sample ID: C0141-12A

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: E1E5359F

% Moisture: 24 decanted: (Y/N) N

Date Received: 02/13/04

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 02/20/04

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 02/21/04

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: ____

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Aroclor-1016	43	U
11104-28-2-----	Aroclor-1221	43	U
11141-16-5-----	Aroclor-1232	43	U
53469-21-9-----	Aroclor-1242	43	U
12672-29-6-----	Aroclor-1248	43	U
11097-69-1-----	Aroclor-1254	43	U
11096-82-5-----	Aroclor-1260	43	U

U.S. EPA - CLP

1

EPA SAMPLE NO

INORGANIC ANALYSIS DATA SHEET

SBS731

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0141Matrix (soil/water): SOILLab Sample ID: C0141-12Level (low/med): MEDDate Received: 02/13/04% Solids: 76.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1740			P
7440-36-0	Antimony	0.49	U	N	P
7440-38-2	Arsenic	1.2	B		P
7440-39-3	Barium	18.0	B		P
7440-41-7	Beryllium	0.051	B		P
7440-43-9	Cadmium	0.12	B	N	P
7440-70-2	Calcium	880	B	*	P
7440-47-3	Chromium	4.2		*	P
7440-48-4	Cobalt	0.63	B		P
7440-50-8	Copper	14.8			P
7439-89-6	Iron	2010		*	P
7439-92-1	Lead	29.8		*	P
7439-95-4	Magnesium	226	B		P
7439-96-5	Manganese	18.2		*	P
7440-02-0	Nickel	4.7	B		P
7440-09-7	Potassium	88.3	B		P
7782-49-2	Selenium	0.98	U	N	P
7440-22-4	Silver	4.7		N*	P
7440-23-5	Sodium	48.1	B		P
7440-28-0	Thallium	0.74	U		P
7440-62-2	Vanadium	12.0	B		P
7440-66-6	Zinc	61.7		N*	P
7439-97-6	Mercury	0.21			CV
	Cyanide	0.57	B		CA

Color Before: BROWN Clarity Before: _____Texture: MIXEDColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

0136

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS842

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-15B

Sample wt/vol: 4.2(g/mL) G Lab File ID: V5F1390

Level: (low/med) MED Date Received: 02/13/04

% Moisture: not dec. 45 Date Analyzed: 02/18/04

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

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	2200	U
74-87-3	Chloromethane	2200	U
75-01-4	Vinyl Chloride	2200	U
74-83-9	Bromomethane	2200	U
75-00-3	Chloroethane	2200	U
75-69-4	Trichlorofluoromethane	2200	U
75-35-4	1,1-Dichloroethene	2200	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2200	U
67-64-1	Acetone	2200	U
75-15-0	Carbon Disulfide	2200	U
79-20-9	Methyl Acetate	2200	U
75-09-2	Methylene Chloride	2200	U
156-60-5	trans-1,2-Dichloroethene	2200	U
1634-04-4	Methyl tert-Butyl Ether	2200	U
75-34-3	1,1-Dichloroethane	2200	U
156-59-2	cis-1,2-Dichloroethene	2200	U
78-93-3	2-Butanone	2200	U
67-66-3	Chloroform	2200	U
71-55-6	1,1,1-Trichloroethane	2200	U
110-82-7	Cyclohexane	2200	U
56-23-5	Carbon Tetrachloride	2200	U
71-43-2	Benzene	2200	U
107-06-2	1,2-Dichloroethane	2200	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS842

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-15B

Sample wt/vol: 4.2(g/mL) G Lab File ID: V5F1390

Level: (low/med) MED Date Received: 02/13/04

% Moisture: not dec. 45 Date Analyzed: 02/18/04

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

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	2200	U
108-87-2	Methylcyclohexane	830	J
78-87-5	1,2-Dichloropropane	2200	U
75-27-4	Bromodichloromethane	2200	U
10061-01-5	cis-1,3-Dichloropropene	2200	U
108-10-1	4-Methyl-2-Pentanone	2200	U
108-88-3	Toluene	2200	U
10061-02-6	trans-1,3-Dichloropropene	2200	U
79-00-5	1,1,2-Trichloroethane	2200	U
127-18-4	Tetrachloroethene	2200	U
591-78-6	2-Hexanone	2200	U
124-48-1	Dibromochloromethane	2200	U
106-93-4	1,2-Dibromoethane	2200	U
108-90-7	Chlorobenzene	2200	U
100-41-4	Ethylbenzene	2200	U
1330-20-7	Xylene (Total)	2200	U
100-42-5	Styrene	2200	U
75-25-2	Bromoform	2200	U
98-82-8	Isopropylbenzene	350	J
79-34-5	1,1,2,2-Tetrachloroethane	2200	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	2200	U
95-50-1	1,2-Dichlorobenzene	2200	U
96-12-8	1,2-Dibromo-3-chloropropane	2200	U
120-82-1	1,2,4-Trichlorobenzene	2200	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBS842

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-15B

Sample wt/vol: 4.2 (g/mL) G Lab File ID: V5F1390

Level: (low/med) MED Date Received: 02/13/04

% Moisture: not dec. 45 Date Analyzed: 02/18/04

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

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.99	5900	J
2.	BRANCHED ALKANE	10.22	8100	J
3.	UNKNOWN	10.38	12000	J
4.	CYCLIC ALKANE	10.88	11000	J
5.	UNKNOWN	11.16	9200	J
6.	BRANCHED ALKANE	11.57	11000	J
7.	UNKNOWN	11.64	6800	J
8.	BRANCHED ALKANE	11.83	8900	J
9.	UNKNOWN	12.06	6300	J
10.	CYCLIC ALKANE	12.27	12000	J
11. 300-57-2	BENZENE, 2-PROPENYL-	12.40	8400	NJ
12. 493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	12.49	11000	NJ
13.	UNKNOWN	12.74	10000	J
14.	UNKNOWN	13.08	16000	J
15. 2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	13.29	12000	NJ
16.	UNKNOWN	13.40	8400	J
17. 2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	13.55	10000	NJ
18.	UNKNOWN	13.64	7400	J
19.	UNKNOWN	14.04	18000	J
20.	UNKNOWN	14.38	6300	J
21. 17059-48-2	1H-INDENE, 2,3-DIHYDRO-1,6-D	14.44	6600	NJ
22. 4175-53-5	1H-INDENE, 2,3-DIHYDRO-1,3-D	14.50	7600	NJ
23. 17059-48-2	1H-INDENE, 2,3-DIHYDRO-1,6-D	14.63	8100	NJ
24.	CYCLIC ALKANE	14.70	6500	J
25.	UNKNOWN	14.85	8700	J
26.	UNKNOWN	15.04	10000	J
27. 6682-71-9	1H-INDENE, 2,3-DIHYDRO-4,7-D	15.29	7300	NJ
28.	UNKNOWN	15.53	9900	J
29.	UNKNOWN	15.77	6500	J
30.	UNKNOWN	15.85	6700	J

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBS842

Lab Name: MITKEM CORPORATION Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141
 Matrix: (soil/water) SOIL Lab Sample ID: C0141-15A
 Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9143
 Level: (low/med) LOW Date Received: 02/13/04
 % Moisture: 45 Decanted: (Y/N) N Date Extracted: 02/13/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/04/04
 Injection Volume: 2.0 (uL) Dilution Factor: 10.0
 GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.07	3400	J
2.	UNKNOWN	10.08	2500	J
3.	UNKNOWN	10.57	2500	J
4.	UNKNOWN	11.10	3400	J
5. 80655-44-3	DECAHYDRO-4,4,8,9,10-PENTAME	12.30	2900	NJ
6. 575-41-7	NAPHTHALENE, 1,3-DIMETHYL-	12.83	4400	NJ
7.	UNKNOWN	12.92	5600	J
8.	UNKNOWN	13.07	8400	J
9.	UNKNOWN	13.33	7600	J
10. 2027-17-0	NAPHTHALENE, 2-(1-METHYLETHY	13.75	6300	NJ
11.	UNKNOWN	13.84	2200	J
12. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	14.03	5900	NJ
13.	UNKNOWN	14.08	1400	J
14.	UNKNOWN	14.33	4100	J
15.	UNKNOWN	14.70	3600	J
16.	UNKNOWN	14.74	4400	J
17.	UNKNOWN	14.84	1700	J
18.	UNKNOWN	14.97	7800	J
19. 41446-53-1	3-TRIDECENE, (Z) -	15.30	3400	NJ
20. 490-65-3	NAPHTHALENE, 1-METHYL-7-(1-M	15.39	10000	NJ
21.	UNKNOWN	15.52	18000	J
22. 613-33-2	4,4'-DIMETHYLBIPHENYL	15.80	7300	NJ
23.	UNKNOWN	15.87	7500	J
24. 7372-88-5	DIBENZOTHIOPHENE, 4-METHYL-	17.20	9100	NJ
25. 2531-84-2	PHENANTHRENE, 2-METHYL-	17.56	5500	NJ
26. 2531-84-2	PHENANTHRENE, 2-METHYL-	17.61	13000	NJ
27.	UNKNOWN	17.77	4800	J
28.	UNKNOWN	18.04	9300	J
29.	UNKNOWN	18.94	5100	J
30.	UNKNOWN	19.62	24000	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS842RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-15ARE

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9146

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: 45 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/04/04

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	6000	U
108-95-2	Phenol	6000	U
111-44-4	bis (2-Chloroethyl) Ether	6000	U
95-57-8	2-Chlorophenol	6000	U
95-48-7	2-Methylphenol	6000	U
108-60-1	2,2'-oxybis (1-Chloropropane)	6000	U
98-86-2	Acetophenone	6000	U
106-44-5	4-Methylphenol	6000	U
621-64-7	N-Nitroso-di-n-propylamine	6000	U
67-72-1	Hexachloroethane	6000	U
98-95-3	Nitrobenzene	6000	U
78-59-1	Isophorone	6000	U
88-75-5	2-Nitrophenol	6000	U
105-67-9	2,4-Dimethylphenol	6000	U
111-91-1	bis (2-Chloroethoxy) methane	6000	U
120-83-2	2,4-Dichlorophenol	6000	U
91-20-3	Naphthalene	6000	U
106-47-8	4-Chloroaniline	6000	U
87-68-3	Hexachlorobutadiene	6000	U
105-60-2	Caprolactam	6000	U
59-50-7	4-Chloro-3-Methylphenol	6000	U
91-57-6	2-Methylnaphthalene	6000	U
77-47-4	Hexachlorocyclopentadiene	6000	U
88-06-2	2,4,6-Trichlorophenol	6000	U
95-95-4	2,4,5-Trichlorophenol	15000	U
92-52-4	1,1'-Biphenyl	6000	U
91-58-7	2-Chloronaphthalene	6000	U
88-74-4	2-Nitroaniline	15000	U
131-11-3	Dimethylphthalate	6000	U
606-20-2	2,6-Dinitrotoluene	6000	U
208-96-8	Acenaphthylene	6000	U
99-09-2	3-Nitroaniline	15000	U
83-32-9	Acenaphthene	6000	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS842RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-15ARE

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9146

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: 45 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/04/04

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	15000	U
100-02-7	4-Nitrophenol	15000	U
132-64-9	Dibenzofuran	6000	U
121-14-2	2,4-Dinitrotoluene	6000	U
84-66-2	Diethylphthalate	6000	U
86-73-7	Fluorene	1300	J
7005-72-3	4-Chlorophenyl-phenylether	6000	U
100-01-6	4-Nitroaniline	15000	U
534-52-1	4,6-Dinitro-2-methylphenol	15000	U
86-30-6	N-Nitrosodiphenylamine (1)	6000	U
101-55-3	4-Bromophenyl-phenylether	6000	U
118-74-1	Hexachlorobenzene	6000	U
1912-24-9	Atrazine	6000	U
87-86-5	Pentachlorophenol	15000	U
85-01-8	Phenanthrene	1300	J
120-12-7	Anthracene	620	J
86-74-8	Carbazole	6000	U
84-74-2	Di-n-butylphthalate	6000	U
206-44-0	Fluoranthene	6000	U
129-00-0	Pyrene	6100	
85-68-7	Butylbenzylphthalate	6000	U
91-94-1	3,3'-Dichlorobenzidine	6000	U
56-55-3	Benzo(a)anthracene	1100	J
218-01-9	Chrysene	2600	J
117-81-7	bis(2-Ethylhexyl)phthalate	6000	U
117-84-0	Di-n-octylphthalate	6000	U
205-99-2	Benzo(b)fluoranthene	630	J
207-08-9	Benzo(k)fluoranthene	6000	U
50-32-8	Benzo(a)pyrene	950	J
193-39-5	Indeno(1,2,3-cd)pyrene	6000	U
53-70-3	Dibenzo(a,h)anthracene	6000	U
191-24-2	Benzo(g,h,i)perylene	6000	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBS842RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-15ARE

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9146

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: 45 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 03/04/04

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 556-67-2	CYCLOTETRASILOXANE, OCTAMETH	6.95	16000	NJ
2. 71186-27-1	1-ETHYL-2,2,6-TRIMETHYLCYCLO	8.06	4200	NJ
3. 541-02-6	CYCLOPENTASILOXANE, DECAMETH	9.07	4000	NJ
4.	UNKNOWN	10.74	3000	J
5.	UNKNOWN	11.10	4200	J
6.	UNKNOWN	12.14	6300	J
7. 80655-44-3	DECAHYDRO-4,4,8,9,10-PENTAME	12.30	3400	NJ
8.	UNKNOWN	12.46	4600	J
9. 575-41-7	NAPHTHALENE, 1,3-DIMETHYL-	12.83	3700	NJ
10. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	12.88	1700	NJ
11.	UNKNOWN	12.92	4600	J
12. 575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	13.23	2500	NJ
13. 80655-44-3	DECAHYDRO-4,4,8,9,10-PENTAME	13.33	8300	NJ
14. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	14.03	6600	NJ
15.	UNKNOWN	14.33	5000	J
16.	UNKNOWN	14.70	4200	J
17. 1855-47-6	1-ISOPROPENYLNAPHTHALENE	14.74	4500	NJ
18.	UNKNOWN	14.84	2000	J
19.	UNKNOWN	14.97	8600	J
20.	UNKNOWN	15.16	4200	J
21. 3031-15-0	NAPHTHALENE, 1,2,3,4-TETRA	15.39	12000	NJ
22.	UNKNOWN	15.52	21000	J
23. 613-33-2	4,4'-DIMETHYLBIPHENYL	15.80	7700	NJ
24.	UNKNOWN	15.87	8000	J
25. 16587-52-3	DIBENZOTHIOPHENE, 3-METHYL-	17.19	9900	NJ
26. 2531-84-2	PHENANTHRENE, 2-METHYL-	17.56	5100	NJ
27. 2531-84-2	PHENANTHRENE, 2-METHYL-	17.61	14000	NJ
28.	UNKNOWN	17.77	8100	J
29.	UNKNOWN	18.03	10000	J
30.	UNKNOWN	19.61	21000	J

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SBS842

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0141Matrix (soil/water): SOILLab Sample ID: C0141-15Level (low/med): MEDDate Received: 02/13/04% Solids: 55.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8980			P
7440-36-0	Antimony	3.0	B	N	P
7440-38-2	Arsenic	12.2			P
7440-39-3	Barium	218			P
7440-41-7	Beryllium	0.070	U		P
7440-43-9	Cadmium	10.7		N	P
7440-70-2	Calcium	4910		*	P
7440-47-3	Chromium	79.6		*	P
7440-48-4	Cobalt	5.8	B		P
7440-50-8	Copper	180			P
7439-89-6	Iron	15900		*	P
7439-92-1	Lead	263		*	P
7439-95-4	Magnesium	4660			P
7439-96-5	Manganese	40.7		*	P
7440-02-0	Nickel	58.0			P
7440-09-7	Potassium	431	B		P
7782-49-2	Selenium	2.7		N	P
7440-22-4	Silver	21.8		N*	P
7440-23-5	Sodium	317	B		P
7440-28-0	Thallium	1.0	U		P
7440-62-2	Vanadium	67.3			P
7440-66-6	Zinc	1520		N*	P
7439-97-6	Mercury	0.42			CV
	Cyanide	0.26	U		CA

Color Before: BROWN Clarity Before: _____Texture: MUDDYColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

0137

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS964

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-02B

Sample wt/vol: 4.6 (g/mL) G Lab File ID: V5F1392

Level: (low/med) MED Date Received: 02/14/04

% Moisture: not dec. 40 Date Analyzed: 02/18/04

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

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	1800	U
74-87-3	Chloromethane	1800	U
75-01-4	Vinyl Chloride	1800	U
74-83-9	Bromomethane	1800	U
75-00-3	Chloroethane	1800	U
75-69-4	Trichlorofluoromethane	1800	U
75-35-4	1,1-Dichloroethene	1800	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1800	U
67-64-1	Acetone	1800	U
75-15-0	Carbon Disulfide	1800	U
79-20-9	Methyl Acetate	1800	U
75-09-2	Methylene Chloride	290	J
156-60-5	trans-1,2-Dichloroethene	1800	U
1634-04-4	Methyl tert-Butyl Ether	1800	U
75-34-3	1,1-Dichloroethane	1800	U
156-59-2	cis-1,2-Dichloroethene	1800	U
78-93-3	2-Butanone	1800	U
67-66-3	Chloroform	1800	U
71-55-6	1,1,1-Trichloroethane	1800	U
110-82-7	Cyclohexane	2900	
56-23-5	Carbon Tetrachloride	1800	U
71-43-2	Benzene	710	J
107-06-2	1,2-Dichloroethane	1800	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS964

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-02B

Sample wt/vol: 4.6(g/mL) G Lab File ID: V5F1392

Level: (low/med) MED Date Received: 02/14/04

% Moisture: not dec. 40 Date Analyzed: 02/18/04

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

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	1800	U
108-87-2	Methylcyclohexane	8800	
78-87-5	1,2-Dichloropropane	1800	U
75-27-4	Bromodichloromethane	1800	U
10061-01-5	cis-1,3-Dichloropropene	1800	U
108-10-1	4-Methyl-2-Pentanone	1800	U
108-88-3	Toluene	1400	J
10061-02-6	trans-1,3-Dichloropropene	1800	U
79-00-5	1,1,2-Trichloroethane	1800	U
127-18-4	Tetrachloroethene	1800	U
591-78-6	2-Hexanone	1800	U
124-48-1	Dibromochloromethane	1800	U
106-93-4	1,2-Dibromoethane	1800	U
108-90-7	Chlorobenzene	1800	U
100-41-4	Ethylbenzene	7400	
1330-20-7	Xylene (Total)	11000	
100-42-5	Styrene	1800	U
75-25-2	Bromoform	1800	U
98-82-8	Isopropylbenzene	3500	
79-34-5	1,1,2,2-Tetrachloroethane	1800	U
541-73-1	1,3-Dichlorobenzene	1800	U
106-46-7	1,4-Dichlorobenzene	1800	U
95-50-1	1,2-Dichlorobenzene	1800	U
96-12-8	1,2-Dibromo-3-chloropropane	1800	U
120-82-1	1,2,4-Trichlorobenzene	1800	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS964

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-02B

Sample wt/vol: 4.6 (g/mL) G Lab File ID: V5F1392

Level: (low/med) MED Date Received: 02/14/04

% Moisture: not dec. 40 Date Analyzed: 02/18/04

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

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 30 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	STRAIGHT-CHAIN ALKANE	7.94	16000	J
2.	UNKNOWN	9.06	16000	J
3.	STRAIGHT-CHAIN ALKANE	9.64	54000	J
4.	BRANCHED ALKANE	10.22	21000	J
5.	UNKNOWN	10.36	31000	J
6.	UNKNOWN	10.64	16000	J
7.	BRANCHED ALKANE	10.80	18000	J
8.	CYCLIC ALKANE	10.89	18000	J
9. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.12	23000	NJ
10.	UNKNOWN	11.17	17000	J
11.	STRAIGHT-CHAIN ALKANE	11.21	56000	J
12. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.44	23000	NJ
13.	BRANCHED ALKANE	11.56	16000	J
14. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	11.64	48000	NJ
15.	CYCLIC ALKANE	11.93	20000	J
16. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	12.16	38000	NJ
17. 637-50-3	BENZENE, 1-PROPENYL-	12.39	23000	NJ
18. 141-93-5	BENZENE, 1,3-DIETHYL-	12.50	33000	NJ
19.	UNKNOWN	12.66	18000	J
20. 1074-55-1	BENZENE, 1-METHYL-4-PROPYL-	12.73	23000	NJ
21. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	12.84	16000	NJ
22. 2870-04-4	BENZENE, 2-ETHYL-1,3-DIMETHY	12.96	15000	NJ
23. 3454-07-7	BENZENE, 1-ETHENYL-4-ETHYL-	13.10	30000	NJ
24. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	13.51	29000	NJ
25.	UNKNOWN	14.04	41000	J
26.	UNKNOWN	14.24	25000	J
27.	UNKNOWN	14.50	20000	J
28. 20836-11-7	1H-INDENE,2,3-DIHYDRO-2,2-DI	14.64	16000	NJ
29.	UNKNOWN	15.06	21000	J
30.	UNKNOWN	15.52	22000	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS964

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-02A

Sample wt/vol: 30.1(g/mL) G Lab File ID: S4A4028

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 02/23/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

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

100-52-7	Benzaldehyde	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl) Ether	11000	U
95-57-8	2-Chlorophenol	11000	U
95-48-7	2-Methylphenol	11000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	11000	U
98-86-2	Acetophenone	11000	U
106-44-5	4-Methylphenol	11000	U
621-64-7	N-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
91-20-3	Naphthalene	35000	
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
105-60-2	Caprolactam	11000	U
59-50-7	4-Chloro-3-Methylphenol	11000	U
91-57-6	2-Methylnaphthalene	130 000 140000	ED
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
95-95-4	2,4,5-Trichlorophenol	28000	U
92-52-4	1,1'-Biphenyl	6200	J
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	28000	U
131-11-3	Dimethylphthalate	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
208-96-8	Acenaphthylene	11000	U
99-09-2	3-Nitroaniline	28000	U
83-32-9	Acenaphthene	11000	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS964

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-02A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A4028

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 02/23/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

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

51-28-5	2,4-Dinitrophenol	28000	U
100-02-7	4-Nitrophenol	28000	U
132-64-9	Dibenzofuran	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	8800	J
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	28000	U
534-52-1	4,6-Dinitro-2-methylphenol	28000	U
86-30-6	N-Nitrosodiphenylamine (1)	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
1912-24-9	Atrazine	11000	U
87-86-5	Pentachlorophenol	28000	U
85-01-8	Phenanthrene	35000	
120-12-7	Anthracene	2900	J
86-74-8	Carbazole	11000	U
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	2500	J
129-00-0	Pyrene	6600	J
85-68-7	Butylbenzylphthalate	11000	U
91-94-1	3,3'-Dichlorobenzidine	11000	U
56-55-3	Benzo (a) anthracene	2700	J
218-01-9	Chrysene	5900	J
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo (b) fluoranthene	11000	U
207-08-9	Benzo (k) fluoranthene	11000	U
50-32-8	Benzo (a) pyrene	1700	J
193-39-5	Indeno (1,2,3-cd) pyrene	11000	U
53-70-3	Dibenzo (a,h) anthracene	11000	U
191-24-2	Benzo (g,h,i) perylene	11000	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS964

Lab Name: MITKEM CORPORATION Contract: _____
Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149
Matrix: (soil/water) SOIL Lab Sample ID: C0149-02A
Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A4028
Level: (low/med) LOW Date Received: 02/14/04
% Moisture: 40 Decanted: (Y/N) N Date Extracted: 02/23/04
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/27/04
Injection Volume: 2.0 (uL) Dilution Factor: 10.0
GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

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

Number TICs found: 29

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	6.54	33000	NJ
2. 98-82-8	BENZENE, (1-METHYLETHYL) -	6.88	14000	NJ
3.	UNKNOWN	7.20	13000	J
4. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	7.60	20000	NJ
5.	UNKNOWN	7.77	15000	J
6.	UNKNOWN	9.36	5100	J
7.	UNKNOWN	9.48	17000	J
8. 90-12-0	NAPHTHALENE, 1-METHYL-	10.10	27000	NJ
9.	UNKNOWN	10.23	10000	J
10.	UNKNOWN	10.26	12000	J
11. 575-41-7	NAPHTHALENE, 1,3-DIMETHYL-	11.09	60000	NJ
12. 581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	11.14	54000	NJ
13. 829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	12.06	27000	NJ
14.	UNKNOWN	12.11	16000	J
15. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	12.23	17000	NJ
16. 0-00-0	5-METHYL-1-PHENYLHEXA-1,3,4-	12.46	12000	NJ
17.	UNKNOWN	12.59	13000	J
18.	UNKNOWN	12.76	34000	J
19.	UNKNOWN	13.02	21000	J
20.	UNKNOWN	13.50	52000	J
21. 16587-52-3	DIBENZOTHIOPHENE, 3-METHYL-	14.64	32000	NJ
22. 30995-64-3	METHYLDIBENZOTHIOPHENE	14.78	28000	NJ
23. 613-12-7	ANTHRACENE, 2-METHYL-	14.94	47000	NJ
24. 832-64-4	PHENANTHRENE, 4-METHYL-	14.98	62000	NJ
25. 832-64-4	PHENANTHRENE, 4-METHYL-	15.11	32000	NJ
26. 613-12-7	ANTHRACENE, 2-METHYL-	15.15	43000	NJ
27. 1207-15-4	2,8-DIMETHYLDIBENZO(B,D) THIO	15.32	26000	NJ
28. 781-43-1	9,10-DIMETHYLANTHRACENE	15.85	84000	NJ
29. 3674-73-5	PHENANTHRENE, 2,3,5-TRIMETHY	16.60	38000	NJ
30.				

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS964DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-02ADL

Sample wt/vol: 30.1(g/mL) G Lab File ID: S4A4046

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 02/23/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 40.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	44000	U
108-95-2	Phenol	44000	U
111-44-4	bis(2-Chloroethyl) Ether	44000	U
95-57-8	2-Chlorophenol	44000	U
95-48-7	2-Methylphenol	44000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	44000	U
98-86-2	Acetophenone	44000	U
106-44-5	4-Methylphenol	44000	U
621-64-7	N-Nitroso-di-n-propylamine	44000	U
67-72-1	Hexachloroethane	44000	U
98-95-3	Nitrobenzene	44000	U
78-59-1	Isophorone	44000	U
88-75-5	2-Nitrophenol	44000	U
105-67-9	2,4-Dimethylphenol	44000	U
111-91-1	bis(2-Chloroethoxy)methane	44000	U
120-83-2	2,4-Dichlorophenol	44000	U
91-20-3	Naphthalene	35000	DJ
106-47-8	4-Chloroaniline	44000	U
87-68-3	Hexachlorobutadiene	44000	U
105-60-2	Caprolactam	44000	U
59-50-7	4-Chloro-3-Methylphenol	44000	U
91-57-6	2-Methylnaphthalene	130000	D
77-47-4	Hexachlorocyclopentadiene	44000	U
88-06-2	2,4,6-Trichlorophenol	44000	U
95-95-4	2,4,5-Trichlorophenol	110000	U
92-52-4	1,1'-Biphenyl	44000	U
91-58-7	2-Chloronaphthalene	44000	U
88-74-4	2-Nitroaniline	110000	U
131-11-3	Dimethylphthalate	44000	U
606-20-2	2,6-Dinitrotoluene	44000	U
208-96-8	Acenaphthylene	44000	U
99-09-2	3-Nitroaniline	110000	U
83-32-9	Acenaphthene	44000	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS964DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-02ADL

Sample wt/vol: 30.1(g/mL) G Lab File ID: S4A4046

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 02/23/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 40.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

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

51-28-5	2,4-Dinitrophenol	110000	U
100-02-7	4-Nitrophenol	110000	U
132-64-9	Dibenzofuran	44000	U
121-14-2	2,4-Dinitrotoluene	44000	U
84-66-2	Diethylphthalate	44000	U
86-73-7	Fluorene	9200	DJ
7005-72-3	4-Chlorophenyl-phenylether	44000	U
100-01-6	4-Nitroaniline	110000	U
534-52-1	4,6-Dinitro-2-methylphenol	110000	U
86-30-6	N-Nitrosodiphenylamine (1)	44000	U
101-55-3	4-Bromophenyl-phenylether	44000	U
118-74-1	Hexachlorobenzene	44000	U
1912-24-9	Atrazine	44000	U
87-86-5	Pentachlorophenol	110000	U
85-01-8	Phenanthrene	32000	DJ
120-12-7	Anthracene	44000	U
86-74-8	Carbazole	44000	U
84-74-2	Di-n-butylphthalate	44000	U
206-44-0	Fluoranthene	44000	U
129-00-0	Pyrene	9400	DJ
85-68-7	Butylbenzylphthalate	44000	U
91-94-1	3,3'-Dichlorobenzidine	44000	U
56-55-3	Benzo(a)anthracene	44000	U
218-01-9	Chrysene	44000	U
117-81-7	bis(2-Ethylhexyl)phthalate	44000	U
117-84-0	Di-n-octylphthalate	44000	U
205-99-2	Benzo(b)fluoranthene	44000	U
207-08-9	Benzo(k)fluoranthene	44000	U
50-32-8	Benzo(a)pyrene	44000	U
193-39-5	Indeno(1,2,3-cd)pyrene	44000	U
53-70-3	Dibenzo(a,h)anthracene	44000	U
191-24-2	Benzo(g,h,i)perylene	44000	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS964DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-02ADL

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A4046

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: 40 Decanted: (Y/N) N Date Extracted: 02/23/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 40.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	6.49	46000	NJD
2.	UNKNOWN	8.15	21000	JD
3. 934-10-1	3-PHENYLBUT-1-ENE	8.32	29000	NJD
4.	UNKNOWN	9.44	40000	JD
5. 90-12-0	NAPHTHALENE, 1-METHYL-	10.05	63000	NJD
6. 1127-76-0	NAPHTHALENE, 1-ETHYL-	10.81	42000	NJD
7. 575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	10.92	97000	NJD
8. 575-37-1	NAPHTHALENE, 1,7-DIMETHYL-	11.04	89000	NJD
9. 575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	11.08	83000	NJD
10. 571-61-9	NAPHTHALENE, 1,5-DIMETHYL-	11.23	30000	NJD
11. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	11.78	52000	NJD
12. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	11.94	81000	NJD
13. 829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	12.01	40000	NJD
14.	UNKNOWN	12.06	30000	JD
15. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	12.13	40000	NJD
16.	UNKNOWN	12.55	24000	JD
17.	UNKNOWN	12.72	55000	JD
18. 2717-39-7	1,4,5,8-TETRAMETHYLNAPHTHALE	12.97	24000	NJD
19. 1000152-22-4	CYCLOPENTENE, 1,2-DIMETHYL-4	13.12	25000	NJD
20.	UNKNOWN	13.24	20000	JD
21.	UNKNOWN	13.46	49000	JD
22. 7372-88-5	DIBENZOTHIOPHENE, 4-METHYL-	14.59	27000	NJD
23. 16587-52-3	DIBENZOTHIOPHENE, 3-METHYL-	14.73	22000	NJD
24. 832-69-9	PHENANTHRENE, 1-METHYL-	14.88	38000	NJD
25. 832-69-9	PHENANTHRENE, 1-METHYL-	14.93	45000	NJD
26. 949-41-7	1H-CYCLOPROPA [L] PHENANTHRENE	15.05	20000	NJD
27. 1207-15-4	2,8-DIMETHYLDIBENZO (B,D) THIO	15.27	21000	NJD
28. 1576-67-6	PHENANTHRENE, 3,6-DIMETHYL-	15.80	61000	NJD
29.	UNKNOWN	16.48	24000	JD
30. 3674-73-5	PHENANTHRENE, 2,3,5-TRIMETHY	16.55	33000	NJD

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSBS964

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM Case No.

SAS No.:

SDG No.: MC0149Matrix (soil/water): SOILLab Sample ID: C0149-02Level (low/med): MEDDate Received: 02/14/04% Solids: 60.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3710			P
7440-36-0	Antimony	0.73	B	N	P
7440-38-2	Arsenic	2.9	B		P
7440-39-3	Barium	290		*	P
7440-41-7	Beryllium	0.27	B		P
7440-43-9	Cadmium	0.062	U		P
7440-70-2	Calcium	803	B		P
7440-47-3	Chromium	12.6			P
7440-48-4	Cobalt	1.8	B		P
7440-50-8	Copper	72.2		N*	P
7439-89-6	Iron	3890			P
7439-92-1	Lead	316		*	P
7439-95-4	Magnesium	311	B		P
7439-96-5	Manganese	32.4			P
7440-02-0	Nickel	16.2			P
7440-09-7	Potassium	142	B		P
7782-49-2	Selenium	1.2	U		P
7440-22-4	Silver	0.62	U		P
7440-23-5	Sodium	48.2	B		P
7440-28-0	Thallium	0.93	U		P
7440-62-2	Vanadium	43.6			P
7440-66-6	Zinc	52.6		E	P
7439-97-6	Mercury	0.28			CV
	Cyanide	6.3		N	CA

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1064

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-04B

Sample wt/vol: 4.5 (g/mL) G Lab File ID: V5F1393

Level: (low/med) MED Date Received: 02/14/04

% Moisture: not dec. 15 Date Analyzed: 02/18/04

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

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	1300	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	1300	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	1300	U
75-35-4	1,1-Dichloroethene	1300	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1300	U
67-64-1	Acetone	1300	U
75-15-0	Carbon Disulfide	1300	U
79-20-9	Methyl Acetate	1300	U
75-09-2	Methylene Chloride	1300	U
156-60-5	trans-1,2-Dichloroethene	1300	U
1634-04-4	Methyl tert-Butyl Ether	1300	U
75-34-3	1,1-Dichloroethane	1300	U
156-59-2	cis-1,2-Dichloroethene	1300	U
78-93-3	2-Butanone	1300	U
67-66-3	Chloroform	1300	U
71-55-6	1,1,1-Trichloroethane	1300	U
110-82-7	Cyclohexane	2300	
56-23-5	Carbon Tetrachloride	1300	U
71-43-2	Benzene	430	J
107-06-2	1,2-Dichloroethane	1300	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1064

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-04B

Sample wt/vol: 4.5(g/mL) G Lab File ID: V5F1393

Level: (low/med) MED Date Received: 02/14/04

% Moisture: not dec. 15 Date Analyzed: 02/18/04

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

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	1300	U
108-87-2	Methylcyclohexane	6900	
78-87-5	1,2-Dichloropropane	1300	U
75-27-4	Bromodichloromethane	1300	U
10061-01-5	cis-1,3-Dichloropropene	1300	U
108-10-1	4-Methyl-2-Pentanone	1300	U
108-88-3	Toluene	1300	U
10061-02-6	trans-1,3-Dichloropropene	1300	U
79-00-5	1,1,2-Trichloroethane	1300	U
127-18-4	Tetrachloroethene	1300	U
591-78-6	2-Hexanone	1300	U
124-48-1	Dibromochloromethane	1300	U
106-93-4	1,2-Dibromoethane	1300	U
108-90-7	Chlorobenzene	1300	U
100-41-4	Ethylbenzene	5100	
1330-20-7	Xylene (Total)	14000	
100-42-5	Styrene	1300	U
75-25-2	Bromoform	1300	U
98-82-8	Isopropylbenzene	2100	
79-34-5	1,1,2,2-Tetrachloroethane	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
96-12-8	1,2-Dibromo-3-chloropropane	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS1064

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-04B

Sample wt/vol: 4.5 (g/mL) G Lab File ID: V5F1393

Level: (low/med) MED Date Received: 02/14/04

% Moisture: not dec. 15 Date Analyzed: 02/18/04

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

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	STRAIGHT-CHAIN ALKANE	7.94	15000	J
2.	UNKNOWN	9.06	16000	J
3.	UNKNOWN	9.65	22000	J
4.	BRANCHED ALKANE	10.22	16000	J
5.	UNKNOWN	10.36	28000	J
6.	BRANCHED ALKANE	10.80	14000	J
7.	CYCLIC ALKANE	10.89	16000	J
8. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.11	31000	NJ
9.	STRAIGHT-CHAIN ALKANE	11.21	60000	J
10. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.44	22000	NJ
11.	BRANCHED ALKANE	11.57	16000	J
12. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	11.64	54000	NJ
13.	UNKNOWN	11.84	16000	J
14.	UNKNOWN	11.93	24000	J
15. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	12.16	34000	NJ
16.	STRAIGHT-CHAIN ALKANE	12.39	17000	J
17. 535-77-3	BENZENE, 1-METHYL-3-(1-METHY	12.50	36000	NJ
18.	UNKNOWN	12.66	14000	J
19. 1074-55-1	BENZENE, 1-METHYL-4-PROPYL-	12.73	19000	NJ
20. 2870-04-4	BENZENE, 2-ETHYL-1,3-DIMETHY	12.88	19000	NJ
21. 7525-62-4	BENZENE, 1-ETHENYL-3-ETHYL-	13.10	28000	NJ
22. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	13.52	29000	NJ
23.	UNKNOWN	13.83	15000	J
24. 824-90-8	1-PHENYL-1-BUTENE	14.04	43000	NJ
25.	UNKNOWN	14.24	27000	J
26.	UNKNOWN	14.50	18000	J
27.	UNKNOWN	14.93	19000	J
28.	UNKNOWN	15.05	16000	J
29. 6682-71-9	1H-INDENE, 2,3-DIHYDRO-4,7-D	15.30	13000	NJ
30.	UNKNOWN	15.53	17000	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1064

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0149

Matrix: (soil/water) SOIL

Lab Sample ID: C0149-04A

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S4A4029

Level: (low/med) LOW

Date Received: 02/14/04

% Moisture: 15

Decanted: (Y/N) N

Date Extracted: 02/23/04

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y

pH: 6.1

Extraction: (Type) SONC

CONCENTRATION UNITS:

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

CAS NO.

COMPOUND

100-52-7	Benzaldehyde	7700	U
108-95-2	Phenol	7700	U
111-44-4	bis(2-Chloroethyl) Ether	7700	U
95-57-8	2-Chlorophenol	7700	U
95-48-7	2-Methylphenol	7700	U
108-60-1	2,2'-oxybis(1-Chloropropane)	7700	U
98-86-2	Acetophenone	7700	U
106-44-5	4-Methylphenol	7700	U
621-64-7	N-Nitroso-di-n-propylamine	7700	U
67-72-1	Hexachloroethane	7700	U
98-95-3	Nitrobenzene	7700	U
78-59-1	Isophorone	7700	U
88-75-5	2-Nitrophenol	7700	U
105-67-9	2,4-Dimethylphenol	7700	U
111-91-1	bis(2-Chloroethoxy)methane	7700	U
120-83-2	2,4-Dichlorophenol	7700	U
91-20-3	Naphthalene	14000	
106-47-8	4-Chloroaniline	7700	U
87-68-3	Hexachlorobutadiene	7700	U
105-60-2	Caprolactam	7700	U
59-50-7	4-Chloro-3-Methylphenol	7700	U
91-57-6	2-Methylnaphthalene	72000	U
77-47-4	Hexachlorocyclopentadiene	7700	U
88-06-2	2,4,6-Trichlorophenol	7700	U
95-95-4	2,4,5-Trichlorophenol	19000	U
92-52-4	1,1'-Biphenyl	2400	J
91-58-7	2-Chloronaphthalene	7700	U
88-74-4	2-Nitroaniline	19000	U
131-11-3	Dimethylphthalate	7700	U
606-20-2	2,6-Dinitrotoluene	7700	U
208-96-8	Acenaphthylene	7700	U
99-09-2	3-Nitroaniline	19000	U
83-32-9	Acenaphthene	7700	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1064

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0149

Matrix: (soil/water) SOIL

Lab Sample ID: C0149-04A

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S4A4029

Level: (low/med) LOW

Date Received: 02/14/04

% Moisture: 15

Decanted: (Y/N) N

Date Extracted: 02/23/04

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y

pH: 6.1

Extraction: (Type) SONC

CAS NO.

COMPOUND

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

51-28-5	2,4-Dinitrophenol	19000	U
100-02-7	4-Nitrophenol	19000	U
132-64-9	Dibenzofuran	7700	U
121-14-2	2,4-Dinitrotoluene	7700	U
84-66-2	Diethylphthalate	7700	U
86-73-7	Fluorene	4800	J
7005-72-3	4-Chlorophenyl-phenylether	7700	U
100-01-6	4-Nitroaniline	19000	U
534-52-1	4,6-Dinitro-2-methylphenol	19000	U
86-30-6	N-Nitrosodiphenylamine (1)	7700	U
101-55-3	4-Bromophenyl-phenylether	7700	U
118-74-1	Hexachlorobenzene	7700	U
1912-24-9	Atrazine	7700	U
87-86-5	Pentachlorophenol	19000	U
85-01-8	Phenanthrene	21000	
120-12-7	Anthracene	3300	J
86-74-8	Carbazole	7700	U
84-74-2	Di-n-butylphthalate	7700	U
206-44-0	Fluoranthene	2500	J
129-00-0	Pyrene	6200	J
85-68-7	Butylbenzylphthalate	7700	U
91-94-1	3,3'-Dichlorobenzidine	7700	U
56-55-3	Benzo(a)anthracene	3400	J
218-01-9	Chrysene	6700	J
117-81-7	bis(2-Ethylhexyl)phthalate	7700	U
117-84-0	Di-n-octylphthalate	7700	U
205-99-2	Benzo(b)fluoranthene	7700	U
207-08-9	Benzo(k)fluoranthene	1100	J
50-32-8	Benzo(a)pyrene	2000	J
193-39-5	Indeno(1,2,3-cd)pyrene	7700	U
53-70-3	Dibenzo(a,h)anthracene	7700	U
191-24-2	Benzo(g,h,i)perylene	1100	J

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS1064

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0149

Matrix: (soil/water) SOIL

Lab Sample ID: C0149-04A

Sample wt/vol: 30.1 (g/mL) G

Lab File ID: S4A4029

Level: (low/med) LOW

Date Received: 02/14/04

% Moisture: 15 Decanted: (Y/N) N

Date Extracted: 02/23/04

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.1

Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 90-12-0	NAPHTHALENE, 1-METHYL-	10.10	23000	NJ
2. 581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	11.09	54000	NJ
3. 581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	11.14	42000	NJ
4.	UNKNOWN	11.22	19000	J
5. 573-98-8	NAPHTHALENE, 1,2-DIMETHYL-	11.28	16000	NJ
6. 2027-17-0	NAPHTHALENE, 2-(1-METHYLETHY	11.83	31000	NJ
7. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	12.06	24000	NJ
8.	UNKNOWN	12.11	12000	J
9. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	12.18	20000	NJ
10. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	12.23	16000	NJ
11.	UNKNOWN	13.51	31000	J
12.	UNKNOWN	14.30	18000	J
13. 30995-64-3	METHYLDIBENZOTHIOPHENE	14.65	26000	NJ
14. 30995-64-3	METHYLDIBENZOTHIOPHENE	14.79	22000	NJ
15. 613-12-7	ANTHRACENE, 2-METHYL-	14.94	35000	NJ
16. 832-64-4	PHENANTHRENE, 4-METHYL-	14.99	52000	NJ
17. 832-64-4	PHENANTHRENE, 4-METHYL-	15.11	33000	NJ
18. 613-12-7	ANTHRACENE, 2-METHYL-	15.16	17000	NJ
19.	UNKNOWN	15.33	19000	J
20.	UNKNOWN	15.68	15000	J
21. 1576-67-6	PHENANTHRENE, 3,6-DIMETHYL-	15.74	24000	NJ
22. 1576-67-6	PHENANTHRENE, 3,6-DIMETHYL-	15.78	30000	NJ
23. 3674-66-6	PHENANTHRENE, 2,5-DIMETHYL-	15.86	80000	NJ
24. 1576-67-6	PHENANTHRENE, 3,6-DIMETHYL-	15.95	15000	NJ
25. 3674-65-5	PHENANTHRENE, 2,3-DIMETHYL-	15.99	23000	NJ
26.	UNKNOWN	16.06	20000	J
27.	UNKNOWN	16.20	16000	J
28.	UNKNOWN	16.54	26000	J
29. 3674-73-5	PHENANTHRENE, 2,3,5-TRIMETHY	16.61	36000	NJ
30.	UNKNOWN	17.21	19000	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1064DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-04ADL

Sample wt/vol: 30.1(g/mL) G Lab File ID: S4A4045

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 02/23/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/27/04

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	15000	U
108-95-2	Phenol	15000	U
111-44-4	bis(2-Chloroethyl) Ether	15000	U
95-57-8	2-Chlorophenol	15000	U
95-48-7	2-Methylphenol	15000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	15000	U
98-86-2	Acetophenone	15000	U
106-44-5	4-Methylphenol	15000	U
621-64-7	N-Nitroso-di-n-propylamine	15000	U
67-72-1	Hexachloroethane	15000	U
98-95-3	Nitrobenzene	15000	U
78-59-1	Isophorone	15000	U
88-75-5	2-Nitrophenol	15000	U
105-67-9	2,4-Dimethylphenol	15000	U
111-91-1	bis(2-Chloroethoxy) methane	15000	U
120-83-2	2,4-Dichlorophenol	15000	U
91-20-3	Naphthalene	14000	DJ
106-47-8	4-Chloroaniline	15000	U
87-68-3	Hexachlorobutadiene	15000	U
105-60-2	Caprolactam	15000	U
59-50-7	4-Chloro-3-Methylphenol	15000	U
91-57-6	2-Methylnaphthalene	72000	D
77-47-4	Hexachlorocyclopentadiene	15000	U
88-06-2	2,4,6-Trichlorophenol	15000	U
95-95-4	2,4,5-Trichlorophenol	39000	U
92-52-4	1,1'-Biphenyl	15000	U
91-58-7	2-Chloronaphthalene	15000	U
88-74-4	2-Nitroaniline	39000	U
131-11-3	Dimethylphthalate	15000	U
606-20-2	2,6-Dinitrotoluene	15000	U
208-96-8	Acenaphthylene	15000	U
99-09-2	3-Nitroaniline	39000	U
83-32-9	Acenaphthene	15000	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1064DL

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0149

Matrix: (soil/water) SOIL

Lab Sample ID: C0149-04ADL

Sample wt/vol: 30.1(g/mL) G

Lab File ID: S4A4045

Level: (low/med) LOW

Date Received: 02/14/04

% Moisture: 15

Decanted: (Y/N) N

Date Extracted: 02/23/04

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL)

Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y

pH: 6.1

Extraction: (Type) SONC

CAS NO. COMPOUND

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

51-28-5	2,4-Dinitrophenol	39000	U
100-02-7	4-Nitrophenol	39000	U
132-64-9	Dibenzofuran	15000	U
121-14-2	2,4-Dinitrotoluene	15000	U
84-66-2	Diethylphthalate	15000	U
86-73-7	Fluorene	5000	DJ
7005-72-3	4-Chlorophenyl-phenylether	15000	U
100-01-6	4-Nitroaniline	39000	U
534-52-1	4,6-Dinitro-2-methylphenol	39000	U
86-30-6	N-Nitrosodiphenylamine (1)	15000	U
101-55-3	4-Bromophenyl-phenylether	15000	U
118-74-1	Hexachlorobenzene	15000	U
1912-24-9	Atrazine	15000	U
87-86-5	Pentachlorophenol	39000	U
85-01-8	Phenanthrene	20000	D
120-12-7	Anthracene	3100	DJ
86-74-8	Carbazole	15000	U
84-74-2	Di-n-butylphthalate	15000	U
206-44-0	Fluoranthene	15000	U
129-00-0	Pyrene	7500	DJ
85-68-7	Butylbenzylphthalate	15000	U
91-94-1	3,3'-Dichlorobenzidine	15000	U
56-55-3	Benzo(a)anthracene	3600	DJ
218-01-9	Chrysene	6000	DJ
117-81-7	bis(2-Ethylhexyl)phthalate	15000	U
117-84-0	Di-n-octylphthalate	15000	U
205-99-2	Benzo(b)fluoranthene	15000	U
207-08-9	Benzo(k)fluoranthene	15000	U
50-32-8	Benzo(a)pyrene	15000	U
193-39-5	Indeno(1,2,3-cd)pyrene	15000	U
53-70-3	Dibenzo(a,h)anthracene	15000	U
191-24-2	Benzo(g,h,i)perylene	15000	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS1064DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-04ADL

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A4045

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 02/23/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

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

Number TICs found: 30

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	6.49	22000	NJD
2. 2039-89-6	BENZENE, 2-ETHENYL-1,4-DIMET	8.32	13000	NJD
3. 90-12-0	NAPHTHALENE, 1-METHYL-	10.05	33000	NJD
4. 1127-76-0	NAPHTHALENE, 1-ETHYL-	10.81	24000	NJD
5. 575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	10.92	61000	NJD
6. 575-41-7	NAPHTHALENE, 1,3-DIMETHYL-	11.05	56000	NJD
7. 582-16-1	NAPHTHALENE, 2,7-DIMETHYL-	11.09	46000	NJD
8. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	11.78	35000	NJD
9. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	11.94	45000	NJD
10. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	12.01	26000	NJD
11. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	12.13	24000	NJD
12.	UNKNOWN	12.72	25000	JD
13.	UNKNOWN	13.46	32000	JD
14. 832-69-9	PHENANTHRENE, 1-METHYL-	14.88	34000	NJD
15. 832-69-9	PHENANTHRENE, 1-METHYL-	14.93	46000	NJD
16. 949-41-7	1H-CYCLOPROPA [L] PHENANTHRENE	15.06	37000	NJD
17. 832-69-9	PHENANTHRENE, 1-METHYL-	15.10	28000	NJD
18. 1207-15-4	2,8-DIMETHYLDIBENZO (B,D) THIO	15.27	18000	NJD
19.	UNKNOWN	15.37	13000	JD
20. 1576-67-6	PHENANTHRENE, 3,6-DIMETHYL-	15.68	19000	NJD
21. 1576-67-6	PHENANTHRENE, 3,6-DIMETHYL-	15.72	23000	NJD
22. 3674-66-6	PHENANTHRENE, 2,5-DIMETHYL-	15.80	66000	NJD
23. 1576-67-6	PHENANTHRENE, 3,6-DIMETHYL-	15.90	16000	NJD
24. 3674-65-5	PHENANTHRENE, 2,3-DIMETHYL-	15.94	20000	NJD
25. 1000256-99-5	5 (10H) -PYRIDO [3,4-B] QUINOLON	16.01	17000	NJD
26.	UNKNOWN	16.15	13000	JD
27.	UNKNOWN	16.49	20000	JD
28. 3674-73-5	PHENANTHRENE, 2,3,5-TRIMETHY	16.55	29000	NJD
29.	UNKNOWN	16.63	10000	JD
30. 2381-21-7	PYRENE, 1-METHYL-	17.15	11000	NJD

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSBS1064

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM Case No.

SAS No.:

SDG No.: MC0149Matrix (soil/water): SOILLab Sample ID: C0149-04Level (low/med): MEDDate Received: 02/14/04% Solids: 85.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1080			P
7440-36-0	Antimony	0.44	U	N	P
7440-38-2	Arsenic	0.72	B		P
7440-39-3	Barium	7.3	B	*	P
7440-41-7	Beryllium	0.066	B		P
7440-43-9	Cadmium	0.044	U		P
7440-70-2	Calcium	889	B		P
7440-47-3	Chromium	1.4	B		P
7440-48-4	Cobalt	0.58	B		P
7440-50-8	Copper	3.9	B	N*	P
7439-89-6	Iron	3220			P
7439-92-1	Lead	15.2		*	P
7439-95-4	Magnesium	50.9	B		P
7439-96-5	Manganese	14.7			P
7440-02-0	Nickel	6.9	B		P
7440-09-7	Potassium	56.2	B		P
7782-49-2	Selenium	0.89	U		P
7440-22-4	Silver	0.44	U		P
7440-23-5	Sodium	39.3	B		P
7440-28-0	Thallium	0.67	U		P
7440-62-2	Vanadium	13.5			P
7440-66-6	Zinc	16.5		E	P
7439-97-6	Mercury	0.059	U		CV
	Cyanide	1.7		N	CA

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1131

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-07B

Sample wt/vol: 5.0(g/mL) G Lab File ID: V2G1218

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. 20 Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	16	B
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	Methyl tert-Butyl Ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1131

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0149

Matrix: (soil/water) SOIL

Lab Sample ID: C0149-07B

Sample wt/vol: 5.0(g/mL) G

Lab File ID: V2G1218

Level: (low/med) LOW

Date Received: 02/14/04

% Moisture: not dec. 20

Date Analyzed: 02/18/04

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/KG Q

79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-chloropropane	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS1131

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-07B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V2G1218

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. 20 Date Analyzed: 02/18/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1131

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0149

Matrix: (soil/water) SOIL

Lab Sample ID: C0149-07A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S4A4023

Level: (low/med) LOW

Date Received: 02/14/04

% Moisture: 20

Decanted: (Y/N) N

Date Extracted: 02/23/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 6.7

Extraction: (Type) SONC

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl) Ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy) methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	42	J
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBS1131

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-07A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A4023

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 02/23/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.7 Extraction: (Type) SONC

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

51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	54	J
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	320	J
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	1300	B
117-84-0	Di-n-octylphthalate	59	J
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBS1131

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-07A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A4023

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 02/23/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.7 Extraction: (Type) SONC

Number TICs found: 7

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.53	220	NJ
2. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.86	100	NJ
3. 57-10-3	HEXADECANOIC ACID	15.01	84	NJ
4.	UNKNOWN	16.47	580	J
5.	UNKNOWN	16.95	91	J
6. 646-13-9	OCTADECANOIC ACID, 2-METHYLP	17.64	470	NJ
7. 1330-78-5	PHOSPHORIC ACID, TRIS (METHYL	19.30	120	NJ
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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSBS1131

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0149Matrix (soil/water): SOILLab Sample ID: C0149-07Level (low/med): MEDDate Received: 02/14/04% Solids: 80.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2540			P
7440-36-0	Antimony	0.43	U	N	P
7440-38-2	Arsenic	4.0			P
7440-39-3	Barium	42.3	B	*	P
7440-41-7	Beryllium	0.043	U		P
7440-43-9	Cadmium	1.9			P
7440-70-2	Calcium	554	B		P
7440-47-3	Chromium	11.2			P
7440-48-4	Cobalt	1.6	B		P
7440-50-8	Copper	19.6		N*	P
7439-89-6	Iron	7330			P
7439-92-1	Lead	117		*	P
7439-95-4	Magnesium	361	B		P
7439-96-5	Manganese	58.1			P
7440-02-0	Nickel	6.0	B		P
7440-09-7	Potassium	144	B		P
7782-49-2	Selenium	0.87	U		P
7440-22-4	Silver	0.43	U		P
7440-23-5	Sodium	48.5	B		P
7440-28-0	Thallium	0.65	U		P
7440-62-2	Vanadium	11.0	B		P
7440-66-6	Zinc	205		E	P
7439-97-6	Mercury	0.32			CV
	Cyanide	0.16	U	N	CA

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS1286

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-11A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5F1878

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. 6 Date Analyzed: 04/06/04

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

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	Methyl tert-Butyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS1286

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-11A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5F1878

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. 6 Date Analyzed: 04/06/04

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

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBS1286

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-11A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5F1878

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. 6 Date Analyzed: 04/06/04

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

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS1286

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-11B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9575

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 5 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl) Ether	350	U
95-57-8	2-Chlorophenol	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U
98-86-2	Acetophenone	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
105-60-2	Caprolactam	350	U
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	870	U
92-52-4	1,1'-Biphenyl	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	870	U
131-11-3	Dimethylphthalate	350	U
606-20-2	2,6-Dinitrotoluene	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	870	U
83-32-9	Acenaphthene	350	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS1286

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0265

Matrix: (soil/water) SOIL

Lab Sample ID: C0265-11B

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: S2D9575

Level: (low/med) LOW

Date Received: 03/31/04

% Moisture: 5

Decanted: (Y/N) N

Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 6.4

Extraction: (Type) SONC

CONCENTRATION UNITS:

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

CAS NO.

COMPOUND

51-28-5	2,4-Dinitrophenol	870	U
100-02-7	4-Nitrophenol	870	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
86-73-7	Fluorene	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
100-01-6	4-Nitroaniline	870	U
534-52-1	4,6-Dinitro-2-methylphenol	870	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
1912-24-9	Atrazine	350	U
87-86-5	Pentachlorophenol	870	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U
84-74-2	Di-n-butylphthalate	39	JB
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenzo(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBS1286

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-11B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9575

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 5 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.4 Extraction: (Type) SONC

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1.	UNKNOWN	6.52	76	J
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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SBS1286

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0265Matrix (soil/water): SOILLab Sample ID: C0265-11Level (low/med): MEDDate Received: 03/31/04% Solids: 95.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2350			P
7440-36-0	Antimony	0.39	U		P
7440-38-2	Arsenic	1.0	B		P
7440-39-3	Barium	5.2	B		P
7440-41-7	Beryllium	0.051	B		P
7440-43-9	Cadmium	0.039	U	N	P
7440-70-2	Calcium	105	B		P
7440-47-3	Chromium	3.2			P
7440-48-4	Cobalt	0.33	B		P
7440-50-8	Copper	1.6	B		P
7439-89-6	Iron	2220			P
7439-92-1	Lead	4.0		N	P
7439-95-4	Magnesium	129	B		P
7439-96-5	Manganese	11.3			P
7440-02-0	Nickel	2.7	B		P
7440-09-7	Potassium	59.0	B		P
7782-49-2	Selenium	0.52	B		P
7440-22-4	Silver	0.25	B		P
7440-23-5	Sodium	8.7	U		P
7440-28-0	Thallium	0.58	U		P
7440-62-2	Vanadium	4.0	B		P
7440-66-6	Zinc	9.2			P
7439-97-6	Mercury	0.048	U		CV
	Cyanide	0.0014	B	N	CA

Color Before: BROWN Clarity Before: _____Texture: MEDIUMColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS1386

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-13A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V5F1881

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. 4 Date Analyzed: 04/06/04

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

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

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

CAS NO. COMPOUND

75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS1386

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-13A

Sample wt/vol: 5.1(g/mL) G Lab File ID: V5F1881

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. 4 Date Analyzed: 04/06/04

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

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBS1386

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-13A

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V5F1881

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. 4 Date Analyzed: 04/06/04

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

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS1386

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-13B

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9578

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 1 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.7 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl) Ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	330	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBS1386

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-13B

Sample wt/vol: 30.2(g/mL) G Lab File ID: S2D9578

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 1 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/02/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.7 Extraction: (Type) SONC

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	44	JB
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBS1386

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0265

Matrix: (soil/water) SOIL

Lab Sample ID: C0265-13B

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S2D9578

Level: (low/med) LOW

Date Received: 03/31/04

% Moisture: 1 Decanted: (Y/N) N

Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 6.7

Extraction: (Type) SONC

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.52	77	J
2. 111-06-8	HEXADECANOIC ACID, BUTYL EST	18.66	100	NJ
3.	UNKNOWN	18.77	110	JB
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U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SBS1386

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0265Matrix (soil/water): SOILLab Sample ID: C0265-13Level (low/med): MEDDate Received: 03/31/04% Solids: 99.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	619			P
7440-36-0	Antimony	0.39	U		P
7440-38-2	Arsenic	0.39	U		P
7440-39-3	Barium	4.1	B		P
7440-41-7	Beryllium	0.039	U		P
7440-43-9	Cadmium	0.039	U	N	P
7440-70-2	Calcium	145	B		P
7440-47-3	Chromium	1.6	B		P
7440-48-4	Cobalt	0.52	B		P
7440-50-8	Copper	3.0	B		P
7439-89-6	Iron	1310			P
7439-92-1	Lead	6.0		N	P
7439-95-4	Magnesium	227	B		P
7439-96-5	Manganese	39.2			P
7440-02-0	Nickel	0.88	B		P
7440-09-7	Potassium	99.1	B		P
7782-49-2	Selenium	0.45	B		P
7440-22-4	Silver	0.12	B		P
7440-23-5	Sodium	8.7	U		P
7440-28-0	Thallium	0.58	U		P
7440-62-2	Vanadium	2.5	B		P
7440-66-6	Zinc	6.2			P
7439-97-6	Mercury	0.045	U		CV
	Cyanide	0.035	B	N	CA

Color Before: Lt. BROW Clarity Before: _____Texture: MEDIUMColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS142

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-06A

Sample wt/vol: 5.2(g/mL) G Lab File ID: V2G1236

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 14 Date Analyzed: 02/19/04

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/KG Q

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	Methyl tert-Butyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS142

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-06A

Sample wt/vol: 5.2(g/mL) G Lab File ID: V2G1236

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 14 Date Analyzed: 02/19/04

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/KG Q

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSSS142

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-06A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V2G1236

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 14 Date Analyzed: 02/19/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS142

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-06B

Sample wt/vol: 30.0(g/mL) G Lab File ID: S4A3927

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 02/23/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl) Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	970	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	380	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS142

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-06B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A3927

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.1 Extraction: (Type) SONC

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

51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	75	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSSS142

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-06B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S4A3927

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.1 Extraction: (Type) SONC

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 872-05-9	1-DECENE	11.41	410	NJ
2. 123-28-4	PROPANOIC ACID, 3,3'-THIOBIS	28.26	1200	NJ
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U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSSS142

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM Case No.

SAS No.:

SDG No.: MC0132Matrix (soil/water): SOILLab Sample ID: C0132-06Level (low/med): MEDDate Received: 02/11/04% Solids: 86.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7210			P
7440-36-0	Antimony	0.43	U N		P
7440-38-2	Arsenic	2.2	B		P
7440-39-3	Barium	8.9	B		P
7440-41-7	Beryllium	0.20	B		P
7440-43-9	Cadmium	0.061	B N		P
7440-70-2	Calcium	67.1	B		P
7440-47-3	Chromium	8.8			P
7440-48-4	Cobalt	1.0	B		P
7440-50-8	Copper	5.8			P
7439-89-6	Iron	6700			P
7439-92-1	Lead	4.8			P
7439-95-4	Magnesium	521	B		P
7439-96-5	Manganese	27.7			P
7440-02-0	Nickel	2.9	B		P
7440-09-7	Potassium	121	B		P
7782-49-2	Selenium	0.43	U N		P
7440-22-4	Silver	0.92	B		P
7440-23-5	Sodium	21.7	B		P
7440-28-0	Thallium	0.43	U		P
7440-62-2	Vanadium	11.2			P
7440-66-6	Zinc	10.6			P
7439-97-6	Mercury	0.051	U		CV
	Cyanide	0.16	U		CA

Color Before: RED Clarity Before: _____Texture: FINEColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS242

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-09A

Sample wt/vol: 5.4(g/mL) G Lab File ID: V2G1206

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 14 Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	Methyl tert-Butyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS242

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-09A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V2G1206

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 14 Date Analyzed: 02/18/04

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/KG Q

CAS NO. COMPOUND

79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSSS242

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-09A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V2G1206

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 14 Date Analyzed: 02/18/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS242

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-09B

Sample wt/vol: 30.1(g/mL) G Lab File ID: S4A3958

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 5 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

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

100-52-7	Benzaldehyde	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl) Ether	350	U
95-57-8	2-Chlorophenol	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U
98-86-2	Acetophenone	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
105-60-2	Caprolactam	350	U
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	870	U
92-52-4	1,1'-Biphenyl	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	870	U
131-11-3	Dimethylphthalate	350	U
606-20-2	2,6-Dinitrotoluene	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	870	U
83-32-9	Acenaphthene	350	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS242

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-09B

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A3958

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 5 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	870	U
100-02-7	4-Nitrophenol	870	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
86-73-7	Fluorene	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
100-01-6	4-Nitroaniline	870	U
534-52-1	4,6-Dinitro-2-methylphenol	870	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
1912-24-9	Atrazine	350	U
87-86-5	Pentachlorophenol	870	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo (a) anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis (2-Ethylhexyl) phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo (b) fluoranthene	350	U
207-08-9	Benzo (k) fluoranthene	350	U
50-32-8	Benzo (a) pyrene	350	U
193-39-5	Indeno (1,2,3-cd) pyrene	350	U
53-70-3	Dibenzo (a,h) anthracene	350	U
191-24-2	Benzo (g,h,i) perylene	350	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSSS242

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-09B

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A3958

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 5 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.23	73	J
2. 872-05-9	1-DECENE	11.39	300	NJ
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U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSSS242

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0132Matrix (soil/water): SOILLab Sample ID: C0132-09Level (low/med): MEDDate Received: 02/11/04% Solids: 86.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1880			P
7440-36-0	Antimony	0.44	U N		P
7440-38-2	Arsenic	0.69	B		P
7440-39-3	Barium	7.4	B		P
7440-41-7	Beryllium	0.098	B		P
7440-43-9	Cadmium	0.044	U N		P
7440-70-2	Calcium	72.6	B		P
7440-47-3	Chromium	3.0			P
7440-48-4	Cobalt	0.54	B		P
7440-50-8	Copper	3.6	B		P
7439-89-6	Iron	2640			P
7439-92-1	Lead	6.6			P
7439-95-4	Magnesium	165	B		P
7439-96-5	Manganese	17.1			P
7440-02-0	Nickel	1.3	B		P
7440-09-7	Potassium	70.8	B		P
7782-49-2	Selenium	0.44	U N		P
7440-22-4	Silver	0.38	B		P
7440-23-5	Sodium	18.5	B		P
7440-28-0	Thallium	0.44	U		P
7440-62-2	Vanadium	3.6	B		P
7440-66-6	Zinc	7.6			P
7439-97-6	Mercury	0.053	U		CV
	Cyanide	4.1			CA

Color Before: BROWN Clarity Before: _____Texture: FINEColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS342

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-10A

Sample wt/vol: 5.0(g/mL) G Lab File ID: V2G1207

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 13 Date Analyzed: 02/18/04

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/KG Q

CAS NO. COMPOUND

75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	Methyl tert-Butyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS342

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-10A

Sample wt/vol: 5.0(g/mL) G Lab File ID: V2G1207

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 13 Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSSS342

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-10A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V2G1207

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: not dec. 13 Date Analyzed: 02/18/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS342

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-10B

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A3959

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis (2-Chloroethyl) Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis (1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis (2-Chloroethoxy) methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	950	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	950	U
83-32-9	Acenaphthene	380	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS342

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-10B

Sample wt/vol: 30.1(g/mL) G Lab File ID: S4A3959

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

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

51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	40	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSSS342

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-10B

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A3959

Level: (low/med) LOW Date Received: 02/11/04

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 872-05-9	1-DECENE	11.39	330	NJ
2. 77899-03-7	1-HENEICOSYL FORMATE	18.29	84	NJ
3. 629-96-9	1-EICOSANOL	19.35	190	NJ
4. 301-02-0	9-OCTADECENAMIDE, (Z) -	19.78	86	NJ
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U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSSS342

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0132Matrix (soil/water): SOILLab Sample ID: C0132-10Level (low/med): MEDDate Received: 02/11/04% Solids: 87.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3520			P
7440-36-0	Antimony	0.44	U	N	P
7440-38-2	Arsenic	0.95	B		P
7440-39-3	Barium	4.2	B		P
7440-41-7	Beryllium	0.10	B		P
7440-43-9	Cadmium	0.044	U	N	P
7440-70-2	Calcium	198	B		P
7440-47-3	Chromium	3.5			P
7440-48-4	Cobalt	0.24	B		P
7440-50-8	Copper	2.5	B		P
7439-89-6	Iron	3730			P
7439-92-1	Lead	3.0			P
7439-95-4	Magnesium	148	B		P
7439-96-5	Manganese	13.2			P
7440-02-0	Nickel	1.2	B		P
7440-09-7	Potassium	72.6	B		P
7782-49-2	Selenium	0.44	U	N	P
7440-22-4	Silver	0.53	B		P
7440-23-5	Sodium	42.6	B		P
7440-28-0	Thallium	0.44	U		P
7440-62-2	Vanadium	6.2	B		P
7440-66-6	Zinc	7.5			P
7439-97-6	Mercury	0.064	B		CV
	Cyanide	0.15	U		CA

Color Before: RUSTY Clarity Before: _____Texture: FINEColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS432

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-19A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V2G1211

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. 15 Date Analyzed: 02/18/04

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/KG Q

CAS NO. COMPOUND

75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	Methyl tert-Butyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS432

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-19A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V2G1211

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. 15 Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSSS432

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-19A

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V2G1211

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. 15 Date Analyzed: 02/18/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS432

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-19B

Sample wt/vol: 30.1(g/mL) G Lab File ID: S4A3962

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 02/24/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl) Ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	970	U
92-52-4	1,1'-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	390	U
606-20-2	2,6-Dinitrotoluene	390	U
208-96-8	Acenaphthylene	390	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	390	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSSS432

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-19B

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A3962

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

CAS NO. COMPOUND

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

51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
86-73-7	Fluorene	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo (a) anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo (b) fluoranthene	390	U
207-08-9	Benzo (k) fluoranthene	390	U
50-32-8	Benzo (a) pyrene	390	U
193-39-5	Indeno (1,2,3-cd) pyrene	390	U
53-70-3	Dibenzo (a,h) anthracene	390	U
191-24-2	Benzo (g,h,i) perylene	390	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSSS432

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) SOIL Lab Sample ID: C0132-19B

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A3962

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 872-05-9	1-DECENE	11.39	430	NJ
2. 506-52-5	1-HEXACOSANOL	18.30	100	NJ
3. 1454-84-8	1-NONADECANOL	19.35	240	NJ
4.	UNKNOWN	19.78	99	J
5. 629-96-9	1-EICOSANOL	20.41	83	NJ
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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSSS432

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0132Matrix (soil/water): SOILLab Sample ID: C0132-19Level (low/med): MEDDate Received: 02/12/04% Solids: 85.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3500			P
7440-36-0	Antimony	0.43	U N		P
7440-38-2	Arsenic	0.83	B		P
7440-39-3	Barium	4.3	B		P
7440-41-7	Beryllium	0.11	B		P
7440-43-9	Cadmium	0.044	B N		P
7440-70-2	Calcium	57.3	B		P
7440-47-3	Chromium	3.5			P
7440-48-4	Cobalt	0.56	B		P
7440-50-8	Copper	3.7	B		P
7439-89-6	Iron	3120			P
7439-92-1	Lead	2.7			P
7439-95-4	Magnesium	186	B		P
7439-96-5	Manganese	21.9			P
7440-02-0	Nickel	1.8	B		P
7440-09-7	Potassium	49.5	B		P
7782-49-2	Selenium	0.43	U N		P
7440-22-4	Silver	0.43	B		P
7440-23-5	Sodium	25.4	B		P
7440-28-0	Thallium	0.43	U		P
7440-62-2	Vanadium	5.0	B		P
7440-66-6	Zinc	9.1			P
7439-97-6	Mercury	0.051	U		CV
	Cyanide	0.16	U		CA

Color Before: RUSTY Clarity Before: _____Texture: FINEColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBSSS531

Lab Name: MITKEM CORPORATION Contract:
Lab Code: MITKEM Case No.: SAS No.: SDG No.: C0141
Matrix: (soil/water) SOIL Lab Sample ID: C0141-14A
Sample wt/vol: 30.1 (g/mL) G Lab File ID: E1E5362F
% Moisture: 17 decanted: (Y/N) N Date Received: 02/13/04
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 02/20/04
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 02/22/04
Injection Volume: 1.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

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

12674-11-2-----Aroclor-1016	40	U
11104-28-2-----Aroclor-1221	40	U
11141-16-5-----Aroclor-1232	40	U
53469-21-9-----Aroclor-1242	40	U
12672-29-6-----Aroclor-1248	40	U
11097-69-1-----Aroclor-1254	40	U
11096-82-5-----Aroclor-1260	40	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBSSS6

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0265

Matrix: (soil/water) SOIL

Lab Sample ID: C0265-19B

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S2D9612A

Level: (low/med) LOW

Date Received: 03/31/04

% Moisture: 10

Decanted: (Y/N) N

Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y

pH: 5.8

Extraction: (Type) SONC

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

CAS NO.

COMPOUND

100-52-7	Benzaldehyde	7300	U
108-95-2	Phenol	7300	U
111-44-4	bis(2-Chloroethyl) Ether	7300	U
95-57-8	2-Chlorophenol	7300	U
95-48-7	2-Methylphenol	7300	U
108-60-1	2,2'-oxybis(1-Chloropropane)	7300	U
98-86-2	Acetophenone	7300	U
106-44-5	4-Methylphenol	7300	U
621-64-7	N-Nitroso-di-n-propylamine	7300	U
67-72-1	Hexachloroethane	7300	U
98-95-3	Nitrobenzene	7300	U
78-59-1	Isophorone	7300	U
88-75-5	2-Nitrophenol	7300	U
105-67-9	2,4-Dimethylphenol	7300	U
111-91-1	bis(2-Chloroethoxy) methane	7300	U
120-83-2	2,4-Dichlorophenol	7300	U
91-20-3	Naphthalene	29000	
106-47-8	4-Chloroaniline	7300	U
87-68-3	Hexachlorobutadiene	7300	U
105-60-2	Caprolactam	7300	U
59-50-7	4-Chloro-3-Methylphenol	7300	U
91-57-6	2-Methylnaphthalene	140000 150000	FD
77-47-4	Hexachlorocyclopentadiene	7300	U
88-06-2	2,4,6-Trichlorophenol	7300	U
95-95-4	2,4,5-Trichlorophenol	18000	U
92-52-4	1,1'-Biphenyl	4000	J
91-58-7	2-Chloronaphthalene	7300	U
88-74-4	2-Nitroaniline	18000	U
131-11-3	Dimethylphthalate	7300	U
606-20-2	2,6-Dinitrotoluene	7300	U
208-96-8	Acenaphthylene	7300	U
99-09-2	3-Nitroaniline	18000	U
83-32-9	Acenaphthene	8000	

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBSSS6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-19B

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9612A

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	18000	U
100-02-7	4-Nitrophenol	18000	U
132-64-9	Dibenzofuran	7300	U
121-14-2	2,4-Dinitrotoluene	7300	U
84-66-2	Diethylphthalate	7300	U
86-73-7	Fluorene	13000	
7005-72-3	4-Chlorophenyl-phenylether	7300	U
100-01-6	4-Nitroaniline	18000	U
534-52-1	4,6-Dinitro-2-methylphenol	18000	U
86-30-6	N-Nitrosodiphenylamine (1)	7300	U
101-55-3	4-Bromophenyl-phenylether	7300	U
118-74-1	Hexachlorobenzene	7300	U
1912-24-9	Atrazine	7300	U
87-86-5	Pentachlorophenol	18000	U
85-01-8	Phenanthrene	50000	
120-12-7	Anthracene	9100	
86-74-8	Carbazole	7300	U
84-74-2	Di-n-butylphthalate	7300	U
206-44-0	Fluoranthene	3900	J
129-00-0	Pyrene	26000	
85-68-7	Butylbenzylphthalate	7300	U
91-94-1	3,3'-Dichlorobenzidine	7300	U
56-55-3	Benzo(a)anthracene	9400	
218-01-9	Chrysene	15000	
117-81-7	bis(2-Ethylhexyl)phthalate	7300	U
117-84-0	Di-n-octylphthalate	7300	U
205-99-2	Benzo(b)fluoranthene	2700	J
207-08-9	Benzo(k)fluoranthene	2500	J
50-32-8	Benzo(a)pyrene	6300	J
193-39-5	Indeno(1,2,3-cd)pyrene	800	J
53-70-3	Dibenzo(a,h)anthracene	7300	U
191-24-2	Benzo(g,h,i)perylene	1200	J

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBSSS6

Lab Name: MITKEM CORPORATION Contract: _____
Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265
Matrix: (soil/water) SOIL Lab Sample ID: C0265-19B
Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9612A
Level: (low/med) LOW Date Received: 03/31/04
% Moisture: 10 Decanted: (Y/N) N Date Extracted: 03/31/04
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/06/04
Injection Volume: 2.0 (uL) Dilution Factor: 10.0
GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 769-57-3	.ALPHA., .BETA., .BETA.-TRIMET	9.83	110000	NJ
2.	UNKNOWN	10.04	170000	J
3.	UNKNOWN	10.36	120000	J
4. 90-12-0	NAPHTHALENE, 1-METHYL-	10.66	310000	NJ
5.	UNKNOWN	10.94	100000	J
6. 575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	11.75	480000	NJ
7. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	11.90	540000	NJ
8.	UNKNOWN	12.35	130000	J
9. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	12.80	290000	NJ
10. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	13.07	250000	NJ
11. 829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	13.21	260000	NJ
12. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	13.27	180000	NJ
13.	UNKNOWN	13.74	300000	J
14. 529-05-5	AZULENE, 7-ETHYL-1,4-DIMETHY	13.91	110000	NJ
15.	UNKNOWN	14.23	140000	J
16. 2717-39-7	1,4,5,8-TETRAMETHYLNAPHTHALE	14.42	140000	NJ
17.	UNKNOWN	14.81	150000	J
18. 7372-88-5	DIBENZOTHIOPHENE, 4-METHYL-	16.18	120000	NJ
19. 949-41-7	1H-CYCLOPROPA [L] PHENANTHRENE	16.55	250000	NJ
20. 949-41-7	1H-CYCLOPROPA [L] PHENANTHRENE	16.77	190000	NJ
21. 2531-84-2	PHENANTHRENE, 2-METHYL-	16.81	250000	NJ
22. 16587-34-1	NAPHTHO [2,3-B] THIOPHENE, 4,9	17.02	130000	NJ
23.	UNKNOWN	17.16	110000	J
24. 1576-67-6	PHENANTHRENE, 3,6-DIMETHYL-	17.53	120000	NJ
25. 86544-79-8	1,3-DIPHENYL-3-METHYLCYCLOPR	17.71	460000	NJ
26.	UNKNOWN	17.76	270000	J
27. 3674-65-5	PHENANTHRENE, 2,3-DIMETHYL-	17.86	170000	NJ
28. 22915-20-4	1-PIPERIDINEACETONITRILE, .A	18.11	140000	NJ
29.	UNKNOWN	18.54	110000	J
30. 3674-73-5	PHENANTHRENE, 2,3,5-TRIMETHY	18.63	200000	NJ

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBSSS6DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-19BDL

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9614

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	36000	U
108-95-2	Phenol	36000	U
111-44-4	bis(2-Chloroethyl) Ether	36000	U
95-57-8	2-Chlorophenol	36000	U
95-48-7	2-Methylphenol	36000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	36000	U
98-86-2	Acetophenone	36000	U
106-44-5	4-Methylphenol	36000	U
621-64-7	N-Nitroso-di-n-propylamine	36000	U
67-72-1	Hexachloroethane	36000	U
98-95-3	Nitrobenzene	36000	U
78-59-1	Isophorone	36000	U
88-75-5	2-Nitrophenol	36000	U
105-67-9	2,4-Dimethylphenol	36000	U
111-91-1	bis(2-Chloroethoxy) methane	36000	U
120-83-2	2,4-Dichlorophenol	36000	U
91-20-3	Naphthalene	29000	DJ
106-47-8	4-Chloroaniline	36000	U
87-68-3	Hexachlorobutadiene	36000	U
105-60-2	Caprolactam	36000	U
59-50-7	4-Chloro-3-Methylphenol	36000	U
91-57-6	2-Methylnaphthalene	140000	D
77-47-4	Hexachlorocyclopentadiene	36000	U
88-06-2	2,4,6-Trichlorophenol	36000	U
95-95-4	2,4,5-Trichlorophenol	92000	U
92-52-4	1,1'-Biphenyl	4200	DJ
91-58-7	2-Chloronaphthalene	36000	U
88-74-4	2-Nitroaniline	92000	U
131-11-3	Dimethylphthalate	36000	U
606-20-2	2,6-Dinitrotoluene	36000	U
208-96-8	Acenaphthylene	36000	U
99-09-2	3-Nitroaniline	92000	U
83-32-9	Acenaphthene	8300	DJ

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBSSS6DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-19BDL

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9614

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	92000	U
100-02-7	4-Nitrophenol	92000	U
132-64-9	Dibenzofuran	36000	U
121-14-2	2,4-Dinitrotoluene	36000	U
84-66-2	Diethylphthalate	36000	U
86-73-7	Fluorene	12000	DJ
7005-72-3	4-Chlorophenyl-phenylether	36000	U
100-01-6	4-Nitroaniline	92000	U
534-52-1	4,6-Dinitro-2-methylphenol	92000	U
86-30-6	N-Nitrosodiphenylamine (1)	36000	U
101-55-3	4-Bromophenyl-phenylether	36000	U
118-74-1	Hexachlorobenzene	36000	U
1912-24-9	Atrazine	36000	U
87-86-5	Pentachlorophenol	92000	U
85-01-8	Phenanthrene	46000	D
120-12-7	Anthracene	10000	DJ
86-74-8	Carbazole	36000	U
84-74-2	Di-n-butylphthalate	36000	U
206-44-0	Fluoranthene	4200	DJ
129-00-0	Pyrene	24000	DJ
85-68-7	Butylbenzylphthalate	36000	U
91-94-1	3,3'-Dichlorobenzidine	36000	U
56-55-3	Benzo (a) anthracene	10000	DJ
218-01-9	Chrysene	16000	DJ
117-81-7	bis(2-Ethylhexyl)phthalate	36000	U
117-84-0	Di-n-octylphthalate	36000	U
205-99-2	Benzo (b) fluoranthene	36000	U
207-08-9	Benzo (k) fluoranthene	36000	U
50-32-8	Benzo (a) pyrene	5500	DJ
193-39-5	Indeno (1,2,3-cd) pyrene	36000	U
53-70-3	Dibenzo (a,h) anthracene	36000	U
191-24-2	Benzo (g,h,i) perylene	36000	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBSSS6DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-19BDL

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9614

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) Y pH: 5.8 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 90-12-0	NAPHTHALENE, 1-METHYL-	10.63	66000	NJD
2. 1127-76-0	NAPHTHALENE, 1-ETHYL-	11.56	58000	NJD
3. 575-41-7	NAPHTHALENE, 1,3-DIMETHYL-	11.85	120000	NJD
4. 581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	11.89	84000	NJD
5.	UNKNOWN	12.14	43000	JD
6.	UNKNOWN	12.34	37000	JD
7. 2027-17-0	NAPHTHALENE, 2-(1-METHYLETHY	12.75	73000	NJD
8. 829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	13.03	53000	NJD
9. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	13.17	54000	NJD
10. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	13.22	59000	NJD
11.	UNKNOWN	13.35	52000	JD
12.	UNKNOWN	13.70	75000	JD
13.	UNKNOWN	14.09	35000	JD
14. 3031-15-0	NAPHTHALENE, 1,2,3,4-TETRA	14.38	44000	NJD
15.	UNKNOWN	14.76	48000	JD
16. 605-39-0	2,2'-DIMETHYLBIPHENYL	15.00	34000	NJD
17. 132-65-0	DIBENZOTHIOPHENE	15.23	37000	NJD
18. 610-48-0	ANTHRACENE, 1-METHYL-	16.49	64000	NJD
19. 832-64-4	PHENANTHRENE, 4-METHYL-	16.54	65000	NJD
20. 2531-84-2	PHENANTHRENE, 2-METHYL-	16.69	49000	NJD
21. 949-41-7	1H-CYCLOPROPA [L] PHENANTHRENE	16.74	59000	NJD
22. 16587-34-1	NAPHTHO [2,3-B] THIOPHENE, 4,9	16.95	39000	NJD
23. 1207-15-4	2,8-DIMETHYLDIBENZO (B,D) THIO	17.15	65000	NJD
24. 3674-66-6	PHENANTHRENE, 2,5-DIMETHYL-	17.41	38000	NJD
25. 3674-65-5	PHENANTHRENE, 2,3-DIMETHYL-	17.61	120000	NJD
26.	UNKNOWN	17.67	68000	JD
27.	UNKNOWN	17.72	34000	JD
28. 781-43-1	9,10-DIMETHYLANTHRACENE	17.78	45000	NJD
29.	UNKNOWN	18.04	47000	JD
30.	UNKNOWN	18.53	50000	JD

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSBSSS6

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0265Matrix (soil/water): SOILLab Sample ID: C0265-19Level (low/med): MEDDate Received: 03/31/04% Solids: 90.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1700			P
7440-36-0	Antimony	0.42	U		P
7440-38-2	Arsenic	0.81	B		P
7440-39-3	Barium	5.9	B		P
7440-41-7	Beryllium	0.059	B		P
7440-43-9	Cadmium	0.042	U	N	P
7440-70-2	Calcium	101	B		P
7440-47-3	Chromium	4.6			P
7440-48-4	Cobalt	0.45	B		P
7440-50-8	Copper	4.5	B		P
7439-89-6	Iron	2210			P
7439-92-1	Lead	8.6		N	P
7439-95-4	Magnesium	195	B		P
7439-96-5	Manganese	12.4			P
7440-02-0	Nickel	5.1	B		P
7440-09-7	Potassium	124	B		P
7782-49-2	Selenium	0.61	B		P
7440-22-4	Silver	0.25	B		P
7440-23-5	Sodium	9.5	U		P
7440-28-0	Thallium	0.63	U		P
7440-62-2	Vanadium	22.4			P
7440-66-6	Zinc	9.3			P
7439-97-6	Mercury	0.051	U		CV
	Cyanide	0.049	B	N	CA

Color Before: BLACK Clarity Before: _____Texture: MEDIUMColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBSSS7

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-20B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9579

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 42 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	570	U
108-95-2	Phenol	570	U
111-44-4	bis(2-Chloroethyl) Ether	570	U
95-57-8	2-Chlorophenol	570	U
95-48-7	2-Methylphenol	570	U
108-60-1	2,2'-oxybis(1-Chloropropane)	570	U
98-86-2	Acetophenone	570	U
106-44-5	4-Methylphenol	570	U
621-64-7	N-Nitroso-di-n-propylamine	570	U
67-72-1	Hexachloroethane	570	U
98-95-3	Nitrobenzene	570	U
78-59-1	Isophorone	570	U
88-75-5	2-Nitrophenol	570	U
105-67-9	2,4-Dimethylphenol	570	U
111-91-1	bis(2-Chloroethoxy) methane	570	U
120-83-2	2,4-Dichlorophenol	570	U
91-20-3	Naphthalene	240	J
106-47-8	4-Chloroaniline	570	U
87-68-3	Hexachlorobutadiene	570	U
105-60-2	Caprolactam	570	U
59-50-7	4-Chloro-3-Methylphenol	570	U
91-57-6	2-Methylnaphthalene	340	J
77-47-4	Hexachlorocyclopentadiene	570	U
88-06-2	2,4,6-Trichlorophenol	570	U
95-95-4	2,4,5-Trichlorophenol	1400	U
92-52-4	1,1'-Biphenyl	62	J
91-58-7	2-Chloronaphthalene	570	U
88-74-4	2-Nitroaniline	1400	U
131-11-3	Dimethylphthalate	570	U
606-20-2	2,6-Dinitrotoluene	570	U
208-96-8	Acenaphthylene	570	U
99-09-2	3-Nitroaniline	1400	U
83-32-9	Acenaphthene	570	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBSSS7

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-20B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9579

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 42 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) SONC

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

51-28-5	2,4-Dinitrophenol	1400	U
100-02-7	4-Nitrophenol	1400	U
132-64-9	Dibenzofuran	76	J
121-14-2	2,4-Dinitrotoluene	570	U
84-66-2	Diethylphthalate	570	U
86-73-7	Fluorene	63	J
7005-72-3	4-Chlorophenyl-phenylether	570	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	N-Nitrosodiphenylamine (1)	570	U
101-55-3	4-Bromophenyl-phenylether	570	U
118-74-1	Hexachlorobenzene	570	U
1912-24-9	Atrazine	570	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	260	J
120-12-7	Anthracene	570	U
86-74-8	Carbazole	570	U
84-74-2	Di-n-butylphthalate	110	BJ
206-44-0	Fluoranthene	80	J
129-00-0	Pyrene	140	J
85-68-7	Butylbenzylphthalate	570	U
91-94-1	3,3'-Dichlorobenzidine	570	U
56-55-3	Benzo (a) anthracene	82	J
218-01-9	Chrysene	210	J
117-81-7	bis(2-Ethylhexyl) phthalate	160	BJ
117-84-0	Di-n-octylphthalate	570	U
205-99-2	Benzo (b) fluoranthene	190	J
207-08-9	Benzo (k) fluoranthene	570	U
50-32-8	Benzo (a) pyrene	110	J
193-39-5	Indeno (1,2,3-cd) pyrene	570	U
53-70-3	Dibenzo (a,h) anthracene	570	U
191-24-2	Benzo (g,h,i) perylene	100	J

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBSSS7

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-20B

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9579

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 42 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 5794-04-7	BICYCLO[2.2.1]HEPTANE, 2,2-D	5.81	740	NJ
2. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	5.97	380	NJ
3. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.47	370	NJ
4.	UNKNOWN	6.85	520	J
5. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	6.92	2200	NJ
6. 5989-54-8	CYCLOHEXENE, 1-METHYL-4-(1-M	6.99	1400	NJ
7. 90-02-8	BENZALDEHYDE, 2-HYDROXY-	7.22	440	NJ
8.	UNKNOWN	8.64	460	J
9.	UNKNOWN	9.24	560	J
10. 90-01-7	SALICYL ALCOHOL	10.09	690	NJ
11. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	11.92	530	NJ
12.	UNKNOWN	12.00	570	J
13. 872-05-9	1-DECENE	12.40	1300	NJ
14. 829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	13.26	420	NJ
15.	UNKNOWN	15.91	790	J
16. 1000293-16-6	18-NORABIETANE	17.33	1200	NJ
17. 90-98-2	4,4'-DICHLOROBENZOPHENONE	17.37	400	NJ
18. 1000197-14-1	4B,8-DIMETHYL-2-ISOPROPYLPHE	17.56	640	NJ
19. 17861-18-6	PHENOL, 3-(2-PHENYLETHENYL)-	17.74	2300	NJ
20. 6566-19-4	10,18-BISNORABIETA-5,7,9(10)	18.18	860	NJ
21.	UNKNOWN	18.77	670	JB
22. 483-65-8	PHENANTHRENE, 1-METHYL-7-(1-	19.10	590	NJ
23.	UNKNOWN	19.18	1200	J
24.	UNKNOWN	19.22	660	J
25. 4329-12-8	M,P'-DDD	19.45	720	NJ
26.	UNKNOWN	19.71	500	J
27.	UNKNOWN	19.83	330	J
28. 1235-74-1	1-PHENANTHRENECARBOXYLIC ACI	19.93	570	NJ
29. 53584-60-4	28-NOR-17.ALPHA. (H) -HOPANE	24.47	320	NJ
30. 83-47-6	.GAMMA.-SITOSTEROL	25.86	280	NJ

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBSSS7RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-20BRE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9600

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 42 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/05/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	570	U
108-95-2	Phenol	570	U
111-44-4	bis(2-Chloroethyl) Ether	570	U
95-57-8	2-Chlorophenol	570	U
95-48-7	2-Methylphenol	570	U
108-60-1	2,2'-oxybis(1-Chloropropane)	570	U
98-86-2	Acetophenone	570	U
106-44-5	4-Methylphenol	570	U
621-64-7	N-Nitroso-di-n-propylamine	570	U
67-72-1	Hexachloroethane	570	U
98-95-3	Nitrobenzene	570	U
78-59-1	Isophorone	570	U
88-75-5	2-Nitrophenol	570	U
105-67-9	2,4-Dimethylphenol	570	U
111-91-1	bis(2-Chloroethoxy) methane	570	U
120-83-2	2,4-Dichlorophenol	570	U
91-20-3	Naphthalene	230	J
106-47-8	4-Chloroaniline	570	U
87-68-3	Hexachlorobutadiene	570	U
105-60-2	Caprolactam	570	U
59-50-7	4-Chloro-3-Methylphenol	570	U
91-57-6	2-Methylnaphthalene	330	J
77-47-4	Hexachlorocyclopentadiene	570	U
88-06-2	2,4,6-Trichlorophenol	570	U
95-95-4	2,4,5-Trichlorophenol	1400	U
92-52-4	1,1'-Biphenyl	570	U
91-58-7	2-Chloronaphthalene	570	U
88-74-4	2-Nitroaniline	1400	U
131-11-3	Dimethylphthalate	570	U
606-20-2	2,6-Dinitrotoluene	570	U
208-96-8	Acenaphthylene	570	U
99-09-2	3-Nitroaniline	1400	U
83-32-9	Acenaphthene	570	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBSSS7RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-20BRE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9600

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 42 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/05/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) SONC

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	1400	U
100-02-7	4-Nitrophenol	1400	U
132-64-9	Dibenzofuran	77	J
121-14-2	2,4-Dinitrotoluene	570	U
84-66-2	Diethylphthalate	570	U
86-73-7	Fluorene	65	J
7005-72-3	4-Chlorophenyl-phenylether	570	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	N-Nitrosodiphenylamine (1)	570	U
101-55-3	4-Bromophenyl-phenylether	570	U
118-74-1	Hexachlorobenzene	570	U
1912-24-9	Atrazine	570	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	250	J
120-12-7	Anthracene	570	U
86-74-8	Carbazole	570	U
84-74-2	Di-n-butylphthalate	180	BJ
206-44-0	Fluoranthene	76	J
129-00-0	Pyrene	140	J
85-68-7	Butylbenzylphthalate	570	U
91-94-1	3,3'-Dichlorobenzidine	570	U
56-55-3	Benzo (a) anthracene	69	J
218-01-9	Chrysene	190	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	BJ
117-84-0	Di-n-octylphthalate	570	U
205-99-2	Benzo (b) fluoranthene	190	J
207-08-9	Benzo (k) fluoranthene	570	U
50-32-8	Benzo (a) pyrene	88	J
193-39-5	Indeno (1,2,3-cd) pyrene	570	U
53-70-3	Dibenzo (a,h) anthracene	570	U
191-24-2	Benzo (g,h,i) perylene	82	J

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBSSS7RE

Lab Name: MITKEM CORPORATION Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265
 Matrix: (soil/water) SOIL Lab Sample ID: C0265-20BRE
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9600
 Level: (low/med) LOW Date Received: 03/31/04
 % Moisture: 42 Decanted: (Y/N) N Date Extracted: 03/31/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/05/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) Y pH: 6.0 Extraction: (Type) SONC

Number TICs found: 30
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 79-92-5	CAMPHENE	5.78	780	NJ
2. 620-14-4	BENZENE, 1-ETHYL-3-METHYL-	5.93	410	NJ
3. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.44	390	NJ
4.	UNKNOWN	6.48	880	J
5.	UNKNOWN	6.81	640	J
6. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	6.88	2300	NJ
7. 90-02-8	BENZALDEHYDE, 2-HYDROXY-	7.19	480	NJ
8.	UNKNOWN	8.61	440	J
9.	UNKNOWN	9.20	540	J
10.	UNKNOWN	11.97	540	J
11. 872-05-9	1-DECENE	12.36	1200	NJ
12. 941-81-1	AZULENE, 4,6,8-TRIMETHYL-	13.21	410	NJ
13.	UNKNOWN	15.86	830	J
14. 832-69-9	PHENANTHRENE, 1-METHYL-	16.54	250	NJ
15. 949-41-7	1H-CYCLOPROPA [L] PHENANTHRENE	16.60	260	NJ
16. 1000293-16-6	18-NORABIETANE	17.29	1400	NJ
17. 90-98-2	4,4'-DICHLOROBENZOPHENONE	17.33	470	NJ
18. 1000197-14-1	4B,8-DIMETHYL-2-ISOPROPYLPHE	17.51	650	NJ
19. 17861-18-6	PHENOL, 3-(2-PHENYLETHENYL)-	17.69	2400	NJ
20. 6566-19-4	10,18-BISNORABIETA-5,7,9(10)	18.13	840	NJ
21. 111-06-8	HEXADECANOIC ACID, BUTYL EST	18.66	200	NJ
22. 1000192-66-7	3-HYDROXY-5,5,8A-TRIMETHYL-2	18.72	650	NJ
23.	UNKNOWN	18.96	370	J
24. 483-65-8	PHENANTHRENE, 1-METHYL-7-(1-	19.05	700	NJ
25.	UNKNOWN	19.13	1200	J
26.	UNKNOWN	19.17	730	J
27. 53-19-0	MITOTANE	19.40	640	NJ
28.	UNKNOWN	19.66	560	J
29.	UNKNOWN	19.78	310	J
30.	UNKNOWN	24.41	260	J

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBSSS7RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-20BRE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9600

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/05/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 79-92-5	CAMPHENE	5.78	450	NJ
2. 620-14-4	BENZENE, 1-ETHYL-3-METHYL-	5.93	240	NJ
3. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.44	220	NJ
4.	UNKNOWN	6.48	510	J
5.	UNKNOWN	6.81	370	J
6. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	6.88	1400	NJ
7. 90-02-8	BENZALDEHYDE, 2-HYDROXY-	7.19	280	NJ
8.	UNKNOWN	8.61	250	J
9.	UNKNOWN	9.20	310	J
10.	UNKNOWN	11.97	310	J
11. 872-05-9	1-DECENE	12.36	710	NJ
12. 941-81-1	AZULENE, 4,6,8-TRIMETHYL-	13.21	240	NJ
13.	UNKNOWN	15.86	480	J
14. 832-69-9	PHENANTHRENE, 1-METHYL-	16.54	140	NJ
15. 949-41-7	1H-CYCLOPROPA [L] PHENANTHRENE	16.60	150	NJ
16. 1000293-16-6	18-NORABIETANE	17.29	820	NJ
17. 90-98-2	4,4'-DICHLOROBENZOPHENONE	17.33	270	NJ
18. 1000197-14-1	4B,8-DIMETHYL-2-ISOPROPYLPHE	17.51	380	NJ
19. 17861-18-6	PHENOL, 3-(2-PHENYLETHENYL)-	17.69	1400	NJ
20. 6566-19-4	10,18-BISNORABIETA-5,7,9(10)	18.13	480	NJ
21. 111-06-8	HEXADECANOIC ACID, BUTYL EST	18.66	120	NJ
22. 1000192-66-7	3-HYDROXY-5,5,8A-TRIMETHYL-2	18.72	380	NJ
23.	UNKNOWN	18.96	210	J
24. 483-65-8	PHENANTHRENE, 1-METHYL-7-(1-	19.05	410	NJ
25.	UNKNOWN	19.13	720	J
26.	UNKNOWN	19.17	430	J
27. 53-19-0	MITOTANE	19.40	370	NJ
28.	UNKNOWN	19.66	320	J
29.	UNKNOWN	19.78	180	J
30.	UNKNOWN	24.41	150	J

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSBSSS7

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0265Matrix (soil/water): SOILLab Sample ID: C0265-20Level (low/med): MEDDate Received: 03/31/04% Solids: 58.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4880			P
7440-36-0	Antimony	0.68	U		P
7440-38-2	Arsenic	19.8			P
7440-39-3	Barium	566			P
7440-41-7	Beryllium	0.64	B		P
7440-43-9	Cadmium	4.8	N		P
7440-70-2	Calcium	2490			P
7440-47-3	Chromium	47.4			P
7440-48-4	Cobalt	6.0	B		P
7440-50-8	Copper	217			P
7439-89-6	Iron	12400			P
7439-92-1	Lead	586	N		P
7439-95-4	Magnesium	1210	B		P
7439-96-5	Manganese	57.6			P
7440-02-0	Nickel	56.9			P
7440-09-7	Potassium	283	B		P
7782-49-2	Selenium	8.4			P
7440-22-4	Silver	5.8			P
7440-23-5	Sodium	71.1	B		P
7440-28-0	Thallium	1.0	U		P
7440-62-2	Vanadium	237			P
7440-66-6	Zinc	1680			P
7439-97-6	Mercury	1.9			CV
	Cyanide	0.23	U	N	CA

Color Before: BLACK Clarity Before: _____Texture: MEDIUMColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS8255

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9644

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 31 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/07/04

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	2400	U
108-95-2	Phenol	2400	U
111-44-4	bis(2-Chloroethyl) Ether	2400	U
95-57-8	2-Chlorophenol	2400	U
95-48-7	2-Methylphenol	2400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2400	U
98-86-2	Acetophenone	2400	U
106-44-5	4-Methylphenol	2400	U
621-64-7	N-Nitroso-di-n-propylamine	2400	U
67-72-1	Hexachloroethane	2400	U
98-95-3	Nitrobenzene	2400	U
78-59-1	Isophorone	2400	U
88-75-5	2-Nitrophenol	2400	U
105-67-9	2,4-Dimethylphenol	2400	U
111-91-1	bis(2-Chloroethoxy) methane	2400	U
120-83-2	2,4-Dichlorophenol	2400	U
91-20-3	Naphthalene	5300	
106-47-8	4-Chloroaniline	2400	U
87-68-3	Hexachlorobutadiene	2400	U
105-60-2	Caprolactam	2400	U
59-50-7	4-Chloro-3-Methylphenol	2400	U
91-57-6	2-Methylnaphthalene	2200	J
77-47-4	Hexachlorocyclopentadiene	2400	U
88-06-2	2,4,6-Trichlorophenol	2400	U
95-95-4	2,4,5-Trichlorophenol	6000	U
92-52-4	1,1'-Biphenyl	2400	U
91-58-7	2-Chloronaphthalene	2400	U
88-74-4	2-Nitroaniline	6000	U
131-11-3	Dimethylphthalate	2400	U
606-20-2	2,6-Dinitrotoluene	2400	U
208-96-8	Acenaphthylene	2400	U
99-09-2	3-Nitroaniline	6000	U
83-32-9	Acenaphthene	2400	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS8255

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9644

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 31 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/07/04

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	6000	U
100-02-7	4-Nitrophenol	6000	U
132-64-9	Dibenzofuran	2400	U
121-14-2	2,4-Dinitrotoluene	2400	U
84-66-2	Diethylphthalate	2400	U
86-73-7	Fluorene	2400	U
7005-72-3	4-Chlorophenyl-phenylether	2400	U
100-01-6	4-Nitroaniline	6000	U
534-52-1	4,6-Dinitro-2-methylphenol	6000	U
86-30-6	N-Nitrosodiphenylamine (1)	2400	U
101-55-3	4-Bromophenyl-phenylether	2400	U
118-74-1	Hexachlorobenzene	2400	U
1912-24-9	Atrazine	2400	U
87-86-5	Pentachlorophenol	6000	U
85-01-8	Phenanthrene	2400	U
120-12-7	Anthracene	2400	U
86-74-8	Carbazole	2400	U
84-74-2	Di-n-butylphthalate	2400	U
206-44-0	Fluoranthene	2400	U
129-00-0	Pyrene	2400	U
85-68-7	Butylbenzylphthalate	2400	U
91-94-1	3,3'-Dichlorobenzidine	2400	U
56-55-3	Benzo(a)anthracene	2400	U
218-01-9	Chrysene	2400	U
117-81-7	bis(2-Ethylhexyl)phthalate	3000	B
117-84-0	Di-n-octylphthalate	2400	U
205-99-2	Benzo(b)fluoranthene	2400	U
207-08-9	Benzo(k)fluoranthene	2400	U
50-32-8	Benzo(a)pyrene	2400	U
193-39-5	Indeno(1,2,3-cd)pyrene	2400	U
53-70-3	Dibenzo(a,h)anthracene	2400	U
191-24-2	Benzo(g,h,i)perylene	2400	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBSSS8255

Lab Name: MITKEM CORPORATION Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270
 Matrix: (soil/water) SOIL Lab Sample ID: C0270-01A
 Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9644
 Level: (low/med) LOW Date Received: 04/01/04
 % Moisture: 31 Decanted: (Y/N) N Date Extracted: 04/02/04
 Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/07/04
 Injection Volume: 2.0 (uL) Dilution Factor: 5.0
 GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.73	9000	J
2.	UNKNOWN	5.84	14000	J
3. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.00	7900	NJ
4.	UNKNOWN	6.13	3300	J
5. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	6.37	11000	NJ
6.	UNKNOWN	6.42	10000	J
7.	UNKNOWN	6.59	14000	J
8.	UNKNOWN	6.69	6500	J
9. 535-77-3	BENZENE, 1-METHYL-3- (1-METHY	6.83	12000	NJ
10.	UNKNOWN	7.10	3900	J
11.	UNKNOWN	7.13	7900	J
12. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.19	6500	NJ
13.	UNKNOWN	7.24	6000	J
14. 527-84-4	BENZENE, 1-METHYL-2- (1-METHY	7.29	13000	NJ
15. 493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	7.35	18000	NJ
16. 99-87-6	BENZENE, 1-METHYL-4- (1-METHY	7.58	5400	NJ
17.	UNKNOWN	7.74	5000	J
18.	UNKNOWN	7.84	6500	J
19.	UNKNOWN	7.88	6600	J
20.	UNKNOWN	8.02	5600	J
21. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	8.10	8300	NJ
22. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	8.55	6100	NJ
23.	UNKNOWN	8.66	3500	J
24.	UNKNOWN	8.73	2800	J
25.	UNKNOWN	9.10	3100	J
26. 6566-19-4	10,18-BISNORABIETA-5,7,9(10)	18.00	3800	NJ
27. 7683-64-9	SQUALENE	22.72	4700	NJ
28.	UNKNOWN	23.29	3700	J
29.	UNKNOWN	24.40	4800	J
30. 601-53-6	CHOLESTAN-3-ONE, (5.BETA.) -	24.57	6600	NJ

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SBSSS8255

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0270Matrix (soil/water): SOILLab Sample ID: C0270-01Level (low/med): MEDDate Received: 04/01/04% Solids: 69.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3930			P
7440-36-0	Antimony	0.46	U		P
7440-38-2	Arsenic	4.2			P
7440-39-3	Barium	187			P
7440-41-7	Beryllium	0.17	B		P
7440-43-9	Cadmium	4.6			P
7440-70-2	Calcium	1920			P
7440-47-3	Chromium	47.3			P
7440-48-4	Cobalt	1.8	B		P
7440-50-8	Copper	129			P
7439-89-6	Iron	5360			P
7439-92-1	Lead	206			P
7439-95-4	Magnesium	880	B		P
7439-96-5	Manganese	39.3			P
7440-02-0	Nickel	28.8			P
7440-09-7	Potassium	267	B		P
7782-49-2	Selenium	2.0			P
7440-22-4	Silver	11.2			P
7440-23-5	Sodium	27.4	B		P
7440-28-0	Thallium	0.70	U		P
7440-62-2	Vanadium	71.0			P
7440-66-6	Zinc	457			P
7439-97-6	Mercury	1.7			CV
	Cyanide	0.86			CA

Color Before: BLACK Clarity Before: _____Texture: MIXEDColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS964

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0270

Matrix: (soil/water) SOIL

Lab Sample ID: C0270-02A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S2D9620

Level: (low/med) LOW

Date Received: 04/01/04

% Moisture: 11

Decanted: (Y/N) N

Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL)

Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y

pH: 5.6

Extraction: (Type) SONC

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	7400	U
108-95-2	Phenol	7400	U
111-44-4	bis(2-Chloroethyl) Ether	7400	U
95-57-8	2-Chlorophenol	7400	U
95-48-7	2-Methylphenol	7400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	7400	U
98-86-2	Acetophenone	7400	U
106-44-5	4-Methylphenol	7400	U
621-64-7	N-Nitroso-di-n-propylamine	7400	U
67-72-1	Hexachloroethane	7400	U
98-95-3	Nitrobenzene	7400	U
78-59-1	Isophorone	7400	U
88-75-5	2-Nitrophenol	7400	U
105-67-9	2,4-Dimethylphenol	7400	U
111-91-1	bis(2-Chloroethoxy) methane	7400	U
120-83-2	2,4-Dichlorophenol	7400	U
91-20-3	Naphthalene	24000	
106-47-8	4-Chloroaniline	7400	U
87-68-3	Hexachlorobutadiene	7400	U
105-60-2	Caprolactam	7400	U
59-50-7	4-Chloro-3-Methylphenol	7400	U
91-57-6	2-Methylnaphthalene	7400	E
77-47-4	Hexachlorocyclopentadiene	7400	U
88-06-2	2,4,6-Trichlorophenol	7400	U
95-95-4	2,4,5-Trichlorophenol	19000	U
92-52-4	1,1'-Biphenyl	5700	J
91-58-7	2-Chloronaphthalene	7400	U
88-74-4	2-Nitroaniline	19000	U
131-11-3	Dimethylphthalate	7400	U
606-20-2	2,6-Dinitrotoluene	7400	U
208-96-8	Acenaphthylene	7400	U
99-09-2	3-Nitroaniline	19000	U
83-32-9	Acenaphthene	5400	J

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS964

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-02A

Sample wt/vol: 30.2(g/mL) G Lab File ID: S2D9620

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 5.6 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	19000	U
100-02-7	4-Nitrophenol	19000	U
132-64-9	Dibenzofuran	2600	J
121-14-2	2,4-Dinitrotoluene	7400	U
84-66-2	Diethylphthalate	7400	U
86-73-7	Fluorene	7800	
7005-72-3	4-Chlorophenyl-phenylether	7400	U
100-01-6	4-Nitroaniline	19000	U
534-52-1	4,6-Dinitro-2-methylphenol	19000	U
86-30-6	N-Nitrosodiphenylamine (1)	7400	U
101-55-3	4-Bromophenyl-phenylether	7400	U
118-74-1	Hexachlorobenzene	7400	U
1912-24-9	Atrazine	7400	U
87-86-5	Pentachlorophenol	19000	U
85-01-8	Phenanthrene	25000	
120-12-7	Anthracene	3800	J
86-74-8	Carbazole	7400	U
84-74-2	Di-n-butylphthalate	7400	U
206-44-0	Fluoranthene	1500	J
129-00-0	Pyrene	13000	
85-68-7	Butylbenzylphthalate	7400	U
91-94-1	3,3'-Dichlorobenzidine	7400	U
56-55-3	Benzo(a)anthracene	3700	J
218-01-9	Chrysene	7100	J
117-81-7	bis(2-Ethylhexyl)phthalate	7400	U
117-84-0	Di-n-octylphthalate	7400	U
205-99-2	Benzo(b)fluoranthene	1300	J
207-08-9	Benzo(k)fluoranthene	7400	U
50-32-8	Benzo(a)pyrene	2300	J
193-39-5	Indeno(1,2,3-cd)pyrene	7400	U
53-70-3	Dibenzo(a,h)anthracene	7400	U
191-24-2	Benzo(g,h,i)perylene	7400	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBSSS964

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-02A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9620

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 5.6 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.82	23000	J
2.	UNKNOWN	6.75	18000	J
3.	UNKNOWN	8.57	15000	J
4.	UNKNOWN	10.04	25000	J
5. 90-12-0	NAPHTHALENE, 1-METHYL-	10.66	21000	NJ
6.	UNKNOWN	10.95	50000	J
7.	UNKNOWN	11.05	29000	J
8. 575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	11.75	180000	NJ
9. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	11.89	210000	NJ
10. 582-16-1	NAPHTHALENE, 2,7-DIMETHYL-	11.94	150000	NJ
11.	UNKNOWN	12.04	54000	J
12. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	12.11	150000	NJ
13.	UNKNOWN	12.36	63000	J
14. 2027-17-0	NAPHTHALENE, 2-(1-METHYLETHY	12.79	91000	NJ
15. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	12.86	32000	NJ
16. 829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	13.07	86000	NJ
17.	UNKNOWN	13.11	32000	J
18. 829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	13.26	69000	NJ
19.	UNKNOWN	13.35	32000	J
20. 3892-00-0	PENTADECANE, 2,6,10-TRIMETHY	14.06	47000	NJ
21. 2717-39-7	1,4,5,8-TETRAMETHYLNAPHTHALE	14.41	25000	NJ
22.	UNKNOWN	14.80	26000	J
23. 2531-84-2	PHENANTHRENE, 2-METHYL-	16.53	37000	NJ
24. 610-48-0	ANTHRACENE, 1-METHYL-	16.58	33000	NJ
25.	UNKNOWN	16.74	23000	J
26. 949-41-7	1H-CYCLOPROPA [L] PHENANTHRENE	16.79	21000	NJ
27. 1576-67-6	PHENANTHRENE, 3,6-DIMETHYL-	17.45	22000	NJ
28. 3674-66-6	PHENANTHRENE, 2,5-DIMETHYL-	17.67	51000	NJ
29.	UNKNOWN	17.72	35000	J
30.	UNKNOWN	17.76	28000	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS964DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-02ADL

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9653

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 40.0

GPC Cleanup: (Y/N) Y pH: 5.6 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	29000	U
108-95-2	Phenol	29000	U
111-44-4	bis(2-Chloroethyl) Ether	29000	U
95-57-8	2-Chlorophenol	29000	U
95-48-7	2-Methylphenol	29000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	29000	U
98-86-2	Acetophenone	29000	U
106-44-5	4-Methylphenol	29000	U
621-64-7	N-Nitroso-di-n-propylamine	29000	U
67-72-1	Hexachloroethane	29000	U
98-95-3	Nitrobenzene	29000	U
78-59-1	Isophorone	29000	U
88-75-5	2-Nitrophenol	29000	U
105-67-9	2,4-Dimethylphenol	29000	U
111-91-1	bis(2-Chloroethoxy) methane	29000	U
120-83-2	2,4-Dichlorophenol	29000	U
91-20-3	Naphthalene	24000	DJ
106-47-8	4-Chloroaniline	29000	U
87-68-3	Hexachlorobutadiene	29000	U
105-60-2	Caprolactam	29000	U
59-50-7	4-Chloro-3-Methylphenol	29000	U
91-57-6	2-Methylnaphthalene	70000	D
77-47-4	Hexachlorocyclopentadiene	29000	U
88-06-2	2,4,6-Trichlorophenol	29000	U
95-95-4	2,4,5-Trichlorophenol	74000	U
92-52-4	1,1'-Biphenyl	5800	DJ
91-58-7	2-Chloronaphthalene	29000	U
88-74-4	2-Nitroaniline	74000	U
131-11-3	Dimethylphthalate	29000	U
606-20-2	2,6-Dinitrotoluene	29000	U
208-96-8	Acenaphthylene	29000	U
99-09-2	3-Nitroaniline	74000	U
83-32-9	Acenaphthene	5500	DJ

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS964DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-02ADL

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9653

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 40.0

GPC Cleanup: (Y/N) Y pH: 5.6 Extraction: (Type) SONC

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

51-28-5	2,4-Dinitrophenol	74000	U
100-02-7	4-Nitrophenol	74000	U
132-64-9	Dibenzofuran	29000	U
121-14-2	2,4-Dinitrotoluene	29000	U
84-66-2	Diethylphthalate	29000	U
86-73-7	Fluorene	7500	DJ
7005-72-3	4-Chlorophenyl-phenylether	29000	U
100-01-6	4-Nitroaniline	74000	U
534-52-1	4,6-Dinitro-2-methylphenol	74000	U
86-30-6	N-Nitrosodiphenylamine (1)	29000	U
101-55-3	4-Bromophenyl-phenylether	29000	U
118-74-1	Hexachlorobenzene	29000	U
1912-24-9	Atrazine	29000	U
87-86-5	Pentachlorophenol	74000	U
85-01-8	Phenanthrene	23000	DJ
120-12-7	Anthracene	3400	DJ
86-74-8	Carbazole	29000	U
84-74-2	Di-n-butylphthalate	29000	U
206-44-0	Fluoranthene	29000	U
129-00-0	Pyrene	9200	DJ
85-68-7	Butylbenzylphthalate	29000	U
91-94-1	3,3'-Dichlorobenzidine	29000	U
56-55-3	Benzo (a) anthracene	3200	DJ
218-01-9	Chrysene	7100	DJ
117-81-7	bis(2-Ethylhexyl)phthalate	29000	U
117-84-0	Di-n-octylphthalate	29000	U
205-99-2	Benzo (b) fluoranthene	29000	U
207-08-9	Benzo (k) fluoranthene	29000	U
50-32-8	Benzo (a) pyrene	29000	U
193-39-5	Indeno (1,2,3-cd) pyrene	29000	U
53-70-3	Dibenzo (a,h) anthracene	29000	U
191-24-2	Benzo (g,h,i) perylene	29000	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBSSS964DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-02ADL

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9653

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 40.0

GPC Cleanup: (Y/N) Y pH: 5.6 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.72	28000	JD
2. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	8.46	31000	NJD
3. 52161-57-6	BENZENE, 1-METHYL-3-(1-METHY	9.05	26000	NJD
4.	UNKNOWN	9.69	27000	JD
5.	UNKNOWN	9.91	48000	JD
6.	UNKNOWN	10.23	26000	JD
7. 91-57-6	NAPHTHALENE, 2-METHYL-	10.52	40000	NJD
8.	UNKNOWN	10.82	23000	JD
9.	UNKNOWN	11.38	39000	JD
10. 1127-76-0	NAPHTHALENE, 1-ETHYL-	11.45	36000	NJD
11. 575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	11.58	72000	NJD
12. 575-41-7	NAPHTHALENE, 1,3-DIMETHYL-	11.73	78000	NJD
13. 581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	11.78	57000	NJD
14.	UNKNOWN	11.91	20000	JD
15. 571-58-4	NAPHTHALENE, 1,4-DIMETHYL-	11.95	49000	NJD
16.	UNKNOWN	12.20	32000	JD
17. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	12.64	36000	NJD
18. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	12.83	41000	NJD
19. 829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	12.91	30000	NJD
20. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	13.05	37000	NJD
21. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	13.11	33000	NJD
22.	UNKNOWN	13.59	28000	JD
23.	UNKNOWN	14.07	23000	JD
24. 529-05-5	AZULENE, 7-ETHYL-1,4-DIMETHY	14.26	25000	NJD
25.	UNKNOWN	14.64	25000	JD
26.	UNKNOWN	14.88	22000	JD
27.	UNKNOWN	16.36	29000	JD
28. 949-41-7	1H-CYCLOPROPA [L] PHENANTHRENE	16.41	26000	NJD
29. 610-48-0	ANTHRACENE, 1-METHYL-	16.62	25000	NJD
30. 3674-65-5	PHENANTHRENE, 2,3-DIMETHYL-	17.48	43000	NJD

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SBSSS964

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0270Matrix (soil/water): SOILLab Sample ID: C0270-02Level (low/med): MEDDate Received: 04/01/04% Solids: 89.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	297			P
7440-36-0	Antimony	0.33	U		P
7440-38-2	Arsenic	2.1			P
7440-39-3	Barium	28.6	B		P
7440-41-7	Beryllium	0.045	B		P
7440-43-9	Cadmium	0.033	U		P
7440-70-2	Calcium	274	B		P
7440-47-3	Chromium	1.9			P
7440-48-4	Cobalt	0.72	B		P
7440-50-8	Copper	11.9			P
7439-89-6	Iron	2370			P
7439-92-1	Lead	28.7			P
7439-95-4	Magnesium	32.5	B		P
7439-96-5	Manganese	2.2	B		P
7440-02-0	Nickel	3.1	B		P
7440-09-7	Potassium	49.5	B		P
7782-49-2	Selenium	1.2			P
7440-22-4	Silver	0.26	B		P
7440-23-5	Sodium	7.4	U		P
7440-28-0	Thallium	0.49	U		P
7440-62-2	Vanadium	6.8	B		P
7440-66-6	Zinc	22.5			P
7439-97-6	Mercury	0.049	U		CV
	Cyanide	6.7	U		CA

Color Before: BLACK Clarity Before: _____Texture: MIXEDColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS1064

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-03A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S2D9619

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl) Ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	65	J
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy) methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	73	J
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	930	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	930	U
83-32-9	Acenaphthene	57	J

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS1064

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-03A

Sample wt/vol: 30.1(g/mL) G Lab File ID: S2D9619

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 500(uL) Date Analyzed: 04/06/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

CAS NO. COMPOUND

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

51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	930	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	45	J
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	67	J
85-01-8	Phenanthrene	630	
120-12-7	Anthracene	120	J
86-74-8	Carbazole	55	J
84-74-2	Di-n-butylphthalate	76	JB
206-44-0	Fluoranthene	960	
129-00-0	Pyrene	1100	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	490	
218-01-9	Chrysene	590	
117-81-7	bis(2-Ethylhexyl)phthalate	110	JB
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	770	
207-08-9	Benzo(k)fluoranthene	240	J
50-32-8	Benzo(a)pyrene	460	
193-39-5	Indeno(1,2,3-cd)pyrene	170	J
53-70-3	Dibenzo(a,h)anthracene	52	J
191-24-2	Benzo(g,h,i)perylene	100	J

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBSSS1064

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-03A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S2D9619

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 11 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.75	350	J
2.	UNKNOWN	5.85	760	J
3.	UNKNOWN	6.01	160	J
4.	UNKNOWN	6.07	310	J
5.	UNKNOWN	6.43	420	J
6.	UNKNOWN	6.61	630	J
7.	UNKNOWN	6.75	790	J
8.	UNKNOWN	6.84	440	J
9.	UNKNOWN	6.88	130	J
10.	UNKNOWN	6.99	470	J
11.	UNKNOWN	7.11	110	J
12.	UNKNOWN	7.14	320	J
13. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.20	240	NJ
14. 493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	7.36	290	NJ
15.	UNKNOWN	7.89	230	J
16.	UNKNOWN	8.04	190	J
17. 2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	8.13	170	NJ
18. 2156-97-0	DODECYL ACRYLATE	14.46	160	NJ
19. 832-69-9	PHENANTHRENE, 1-METHYL-	16.48	140	NJ
20. 610-48-0	ANTHRACENE, 1-METHYL-	16.53	190	NJ
21.	UNKNOWN	16.68	190	J
22.	UNKNOWN	16.73	100	J
23.	UNKNOWN	17.11	260	J
24. 781-92-0	ANTHRACENE, 1,4-DIMETHYL-	17.60	170	NJ
25.	UNKNOWN	17.72	180	J
26.	UNKNOWN	18.05	100	J
27. 111-06-8	HEXADECANOIC ACID, BUTYL EST	18.60	120	NJ
28. 479-79-8	11H-BENZO [A] FLUOREN-11-ONE	20.04	120	NJ
29. 7494-34-0	26-NOR-5-CHOLESTEN-3.BETA.-O	24.63	310	NJ
30.	UNKNOWN	27.80	240	J

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SBSSS1064

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0270Matrix (soil/water): SOILLab Sample ID: C0270-03Level (low/med): MEDDate Received: 04/01/04% Solids: 89.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1180			P
7440-36-0	Antimony	0.33	U		P
7440-38-2	Arsenic	1.4	B		P
7440-39-3	Barium	3.7	B		P
7440-41-7	Beryllium	0.077	B		P
7440-43-9	Cadmium	0.033	U		P
7440-70-2	Calcium	166	B		P
7440-47-3	Chromium	3.9			P
7440-48-4	Cobalt	0.76	B		P
7440-50-8	Copper	5.0			P
7439-89-6	Iron	1650			P
7439-92-1	Lead	2.5			P
7439-95-4	Magnesium	114	B		P
7439-96-5	Manganese	5.9			P
7440-02-0	Nickel	2.2	B		P
7440-09-7	Potassium	58.2	B		P
7782-49-2	Selenium	0.63	B		P
7440-22-4	Silver	0.13	B		P
7440-23-5	Sodium	7.5	U		P
7440-28-0	Thallium	0.50	U		P
7440-62-2	Vanadium	6.5	B		P
7440-66-6	Zinc	15.2			P
7439-97-6	Mercury	0.054	U		CV
	Cyanide	0.18	B		CA

Color Before: BLACK Clarity Before: _____Texture: MEDIUMColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS1131

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-04A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9654

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 29 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	920	U
108-95-2	Phenol	920	U
111-44-4	bis(2-Chloroethyl) Ether	920	U
95-57-8	2-Chlorophenol	920	U
95-48-7	2-Methylphenol	920	U
108-60-1	2,2'-oxybis(1-Chloropropane)	920	U
98-86-2	Acetophenone	920	U
106-44-5	4-Methylphenol	920	U
621-64-7	N-Nitroso-di-n-propylamine	920	U
67-72-1	Hexachloroethane	920	U
98-95-3	Nitrobenzene	920	U
78-59-1	Isophorone	920	U
88-75-5	2-Nitrophenol	920	U
105-67-9	2,4-Dimethylphenol	920	U
111-91-1	bis(2-Chloroethoxy) methane	920	U
120-83-2	2,4-Dichlorophenol	920	U
91-20-3	Naphthalene	920	U
106-47-8	4-Chloroaniline	920	U
87-68-3	Hexachlorobutadiene	920	U
105-60-2	Caprolactam	920	U
59-50-7	4-Chloro-3-Methylphenol	920	U
91-57-6	2-Methylnaphthalene	920	U
77-47-4	Hexachlorocyclopentadiene	920	U
88-06-2	2,4,6-Trichlorophenol	920	U
95-95-4	2,4,5-Trichlorophenol	2300	U
92-52-4	1,1'-Biphenyl	920	U
91-58-7	2-Chloronaphthalene	920	U
88-74-4	2-Nitroaniline	2300	U
131-11-3	Dimethylphthalate	920	U
606-20-2	2,6-Dinitrotoluene	920	U
208-96-8	Acenaphthylene	920	U
99-09-2	3-Nitroaniline	2300	U
83-32-9	Acenaphthene	920	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS1131

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-04A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9654

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 29 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	2300	U
100-02-7	4-Nitrophenol	2300	U
132-64-9	Dibenzofuran	920	U
121-14-2	2,4-Dinitrotoluene	920	U
84-66-2	Diethylphthalate	920	U
86-73-7	Fluorene	920	U
7005-72-3	4-Chlorophenyl-phenylether	920	U
100-01-6	4-Nitroaniline	2300	U
534-52-1	4,6-Dinitro-2-methylphenol	2300	U
86-30-6	N-Nitrosodiphenylamine (1)	920	U
101-55-3	4-Bromophenyl-phenylether	920	U
118-74-1	Hexachlorobenzene	920	U
1912-24-9	Atrazine	920	U
87-86-5	Pentachlorophenol	2300	U
85-01-8	Phenanthrene	660	J
120-12-7	Anthracene	920	U
86-74-8	Carbazole	920	U
84-74-2	Di-n-butylphthalate	920	U
206-44-0	Fluoranthene	920	U
129-00-0	Pyrene	3800	
85-68-7	Butylbenzylphthalate	920	U
91-94-1	3,3'-Dichlorobenzidine	920	U
56-55-3	Benzo(a)anthracene	330	J
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate	920	U
117-84-0	Di-n-octylphthalate	920	U
205-99-2	Benzo(b)fluoranthene	580	J
207-08-9	Benzo(k)fluoranthene	120	J
50-32-8	Benzo(a)pyrene	1000	
193-39-5	Indeno(1,2,3-cd)pyrene	920	U
53-70-3	Dibenzo(a,h)anthracene	300	J
191-24-2	Benzo(g,h,i)perylene	740	J

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBSSS1131

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-04A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9654

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 29 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	UNKNOWN	5.65	830	J
2.	UNKNOWN	5.90	480	J
3.	UNKNOWN	6.32	580	J
4.	UNKNOWN	6.51	1400	J
5.	UNKNOWN	6.66	1600	J
6.	UNKNOWN	6.73	770	J
7.	UNKNOWN	6.88	1600	J
8.	UNKNOWN	7.05	1600	J
9.	UNKNOWN	7.20	610	J
10. 493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	7.25	2000	NJ
11.	UNKNOWN	7.34	1800	J
12.	UNKNOWN	7.51	2300	J
13.	UNKNOWN	7.65	650	J
14.	UNKNOWN	7.78	240	J
15.	UNKNOWN	7.87	200	J
16.	UNKNOWN	7.94	320	J
17.	UNKNOWN	8.10	230	J
18. 2958-75-0	1-METHYLDECAHYDRONAPHTHALENE	8.25	710	NJ
19.	UNKNOWN	9.22	550	J
20.	UNKNOWN	9.39	490	J
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS1131RE

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0270

Matrix: (soil/water) SOIL

Lab Sample ID: C0270-04ARE

Sample wt/vol: 30.2(g/mL) G

Lab File ID: S2D9656

Level: (low/med) LOW

Date Received: 04/01/04

% Moisture: 29 Decanted: (Y/N) N

Date Extracted: 04/02/04

Concentrated Extract Volume: 1000(uL)

Date Analyzed: 04/08/04

Injection Volume: 2.0(uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1

Extraction: (Type) SONC

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	920	U
108-95-2	Phenol	920	U
111-44-4	bis(2-Chloroethyl) Ether	920	U
95-57-8	2-Chlorophenol	920	U
95-48-7	2-Methylphenol	920	U
108-60-1	2,2'-oxybis(1-Chloropropane)	920	U
98-86-2	Acetophenone	920	U
106-44-5	4-Methylphenol	920	U
621-64-7	N-Nitroso-di-n-propylamine	920	U
67-72-1	Hexachloroethane	920	U
98-95-3	Nitrobenzene	920	U
78-59-1	Isophorone	920	U
88-75-5	2-Nitrophenol	920	U
105-67-9	2,4-Dimethylphenol	920	U
111-91-1	bis(2-Chloroethoxy) methane	920	U
120-83-2	2,4-Dichlorophenol	920	U
91-20-3	Naphthalene	920	U
106-47-8	4-Chloroaniline	920	U
87-68-3	Hexachlorobutadiene	920	U
105-60-2	Caprolactam	920	U
59-50-7	4-Chloro-3-Methylphenol	920	U
91-57-6	2-Methylnaphthalene	920	U
77-47-4	Hexachlorocyclopentadiene	920	U
88-06-2	2,4,6-Trichlorophenol	920	U
95-95-4	2,4,5-Trichlorophenol	2300	U
92-52-4	1,1'-Biphenyl	920	U
91-58-7	2-Chloronaphthalene	920	U
88-74-4	2-Nitroaniline	2300	U
131-11-3	Dimethylphthalate	920	U
606-20-2	2,6-Dinitrotoluene	920	U
208-96-8	Acenaphthylene	920	U
99-09-2	3-Nitroaniline	2300	U
83-32-9	Acenaphthene	920	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS1131RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-04ARE

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9656

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 29 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	2300	U
100-02-7	4-Nitrophenol	2300	U
132-64-9	Dibenzofuran	920	U
121-14-2	2,4-Dinitrotoluene	920	U
84-66-2	Diethylphthalate	920	U
86-73-7	Fluorene	200	J
7005-72-3	4-Chlorophenyl-phenylether	920	U
100-01-6	4-Nitroaniline	2300	U
534-52-1	4,6-Dinitro-2-methylphenol	2300	U
86-30-6	N-Nitrosodiphenylamine (1)	920	U
101-55-3	4-Bromophenyl-phenylether	920	U
118-74-1	Hexachlorobenzene	920	U
1912-24-9	Atrazine	920	U
87-86-5	Pentachlorophenol	2300	U
85-01-8	Phenanthrene	710	J
120-12-7	Anthracene	920	U
86-74-8	Carbazole	920	U
84-74-2	Di-n-butylphthalate	920	U
206-44-0	Fluoranthene	920	U
129-00-0	Pyrene	4500	
85-68-7	Butylbenzylphthalate	920	U
91-94-1	3,3'-Dichlorobenzidine	920	U
56-55-3	Benzo(a)anthracene	340	J
218-01-9	Chrysene	1800	
117-81-7	bis(2-Ethylhexyl)phthalate	920	U
117-84-0	Di-n-octylphthalate	920	U
205-99-2	Benzo(b)fluoranthene	410	J
207-08-9	Benzo(k)fluoranthene	120	J
50-32-8	Benzo(a)pyrene	810	J
193-39-5	Indeno(1,2,3-cd)pyrene	440	J
53-70-3	Dibenzo(a,h)anthracene	370	J
191-24-2	Benzo(g,h,i)perylene	760	J

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBSSS1131RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-04ARE

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S2D9656

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 29 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.1 Extraction: (Type) SONC

Number TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.66	780	J
2.	UNKNOWN	5.91	480	J
3.	UNKNOWN	6.33	600	J
4.	UNKNOWN	6.51	1300	J
5.	UNKNOWN	6.74	830	J
6.	UNKNOWN	6.89	1500	J
7.	UNKNOWN	7.04	1800	J
8.	UNKNOWN	7.21	640	J
9. 493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	7.26	2400	NJ
10.	UNKNOWN	7.35	1800	J
11.	UNKNOWN	7.52	2600	J
12.	UNKNOWN	7.66	850	J
13.	UNKNOWN	7.79	310	J
14. 25107-01-1	9-METHYLBICYCLO[3.3.1]NONANE	7.88	200	NJ
15.	UNKNOWN	7.96	350	J
16.	UNKNOWN	8.10	230	J
17.	UNKNOWN	8.48	600	J
18.	UNKNOWN	8.69	470	J
19.	UNKNOWN	9.23	500	J
20.	UNKNOWN	9.95	420	J
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U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SBSSS1131

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0270Matrix (soil/water): SOILLab Sample ID: C0270-04Level (low/med): MEDDate Received: 04/01/04% Solids: 71.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1660			P
7440-36-0	Antimony	0.48	U		P
7440-38-2	Arsenic	1.8	B		P
7440-39-3	Barium	38.0	B		P
7440-41-7	Beryllium	0.42	B		P
7440-43-9	Cadmium	0.53	B		P
7440-70-2	Calcium	945	B		P
7440-47-3	Chromium	3.4			P
7440-48-4	Cobalt	3.3	B		P
7440-50-8	Copper	25.7			P
7439-89-6	Iron	1410			P
7439-92-1	Lead	6.7			P
7439-95-4	Magnesium	118	B		P
7439-96-5	Manganese	13.6			P
7440-02-0	Nickel	11.4			P
7440-09-7	Potassium	167	B		P
7782-49-2	Selenium	0.85	B		P
7440-22-4	Silver	0.20	B		P
7440-23-5	Sodium	11	U		P
7440-28-0	Thallium	0.72	U		P
7440-62-2	Vanadium	50.1			P
7440-66-6	Zinc	83.9			P
7439-97-6	Mercury	0.075	B		CV
	Cyanide	0.17	B		CA

Color Before: BROWN Clarity Before: _____Texture: MIXEDColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS1231

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9613

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

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

CAS NO. COMPOUND

100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl) Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	970	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	380	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS1231

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-05A

Sample wt/vol: 30.0(g/mL) G Lab File ID: S2D9613

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	74	JB
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	200	JB
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBSSS1231

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9613

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

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

Number TICs found: 30

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.75	160	J
2.	UNKNOWN	5.85	290	J
3. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	6.00	200	NJ
4.	UNKNOWN	6.23	140	J
5. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	6.38	330	NJ
6.	UNKNOWN	6.43	160	J
7.	UNKNOWN	6.60	300	J
8. 620-14-4	BENZENE, 1-ETHYL-3-METHYL-	6.77	270	NJ
9. 535-77-3	BENZENE, 1-METHYL-3-(1-METHY	6.83	210	NJ
10.	UNKNOWN	6.98	160	J
11. 105-05-5	BENZENE, 1,4-DIETHYL-	7.14	160	NJ
12. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.18	110	NJ
13. 1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	7.28	370	NJ
14. 493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	7.35	260	NJ
15. 933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	7.54	130	NJ
16. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	7.57	260	NJ
17.	UNKNOWN	7.88	160	J
18.	UNKNOWN	8.03	150	J
19. 933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	8.10	170	NJ
20. 874-41-9	BENZENE, 1-ETHYL-2,4-DIMETHY	8.15	160	NJ
21. 2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	8.33	140	NJ
22. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	8.57	140	NJ
23. 872-05-9	1-DECENE	12.30	740	NJ
24. 6566-19-4	10,18-BISNORABIETA-5,7,9(10)	18.05	630	NJ
25. 111-06-8	HEXADECANOIC ACID, BUTYL EST	18.58	320	NJ
26. 123-95-5	OCTADECANOIC ACID, BUTYL EST	20.02	300	NJ
27. 112-84-5	13-DOCOSENAMIDE, (Z) -	22.56	240	NJ
28.	UNKNOWN	24.33	150	J
29.	UNKNOWN	24.78	130	J
30.	UNKNOWN	27.81	2000	J

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SBSSS1231

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0270Matrix (soil/water): SOILLab Sample ID: C0270-05Level (low/med): MEDDate Received: 04/01/04% Solids: 86.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1290			P
7440-36-0	Antimony	0.40	U		P
7440-38-2	Arsenic	0.95	B		P
7440-39-3	Barium	5.7	B		P
7440-41-7	Beryllium	0.044	B		P
7440-43-9	Cadmium	0.040	U		P
7440-70-2	Calcium	84.7	B		P
7440-47-3	Chromium	2.5			P
7440-48-4	Cobalt	0.36	B		P
7440-50-8	Copper	1.3	B		P
7439-89-6	Iron	963			P
7439-92-1	Lead	2.2			P
7439-95-4	Magnesium	115	B		P
7439-96-5	Manganese	6.3			P
7440-02-0	Nickel	1.0	B		P
7440-09-7	Potassium	52.4	B		P
7782-49-2	Selenium	0.46	B		P
7440-22-4	Silver	0.12	B		P
7440-23-5	Sodium	9.1	U		P
7440-28-0	Thallium	0.61	U		P
7440-62-2	Vanadium	7.4	B		P
7440-66-6	Zinc	6.0			P
7439-97-6	Mercury	0.053	U		CV
	Cyanide	0.067	B		CA

Color Before: BROWN Clarity Before: _____Texture: MEDIUMColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS13255

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9655

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	800	U
108-95-2	Phenol	800	U
111-44-4	bis(2-Chloroethyl) Ether	800	U
95-57-8	2-Chlorophenol	800	U
95-48-7	2-Methylphenol	800	U
108-60-1	2,2'-oxybis(1-Chloropropane)	800	U
98-86-2	Acetophenone	800	U
106-44-5	4-Methylphenol	800	U
621-64-7	N-Nitroso-di-n-propylamine	800	U
67-72-1	Hexachloroethane	800	U
98-95-3	Nitrobenzene	800	U
78-59-1	Isophorone	800	U
88-75-5	2-Nitrophenol	800	U
105-67-9	2,4-Dimethylphenol	800	U
111-91-1	bis(2-Chloroethoxy)methane	800	U
120-83-2	2,4-Dichlorophenol	800	U
91-20-3	Naphthalene	800	U
106-47-8	4-Chloroaniline	800	U
87-68-3	Hexachlorobutadiene	800	U
105-60-2	Caprolactam	800	U
59-50-7	4-Chloro-3-Methylphenol	800	U
91-57-6	2-Methylnaphthalene	800	U
77-47-4	Hexachlorocyclopentadiene	800	U
88-06-2	2,4,6-Trichlorophenol	800	U
95-95-4	2,4,5-Trichlorophenol	2000	U
92-52-4	1,1'-Biphenyl	800	U
91-58-7	2-Chloronaphthalene	800	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	800	U
606-20-2	2,6-Dinitrotoluene	800	U
208-96-8	Acenaphthylene	800	U
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	800	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS13255

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9655

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	800	U
121-14-2	2,4-Dinitrotoluene	800	U
84-66-2	Diethylphthalate	800	U
86-73-7	Fluorene	800	U
7005-72-3	4-Chlorophenyl-phenylether	800	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	800	U
101-55-3	4-Bromophenyl-phenylether	800	U
118-74-1	Hexachlorobenzene	800	U
1912-24-9	Atrazine	800	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	800	U
120-12-7	Anthracene	800	U
86-74-8	Carbazole	800	U
84-74-2	Di-n-butylphthalate	800	U
206-44-0	Fluoranthene	800	U
129-00-0	Pyrene	1700	
85-68-7	Butylbenzylphthalate	800	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)anthracene	800	U
218-01-9	Chrysene	1300	
117-81-7	bis(2-Ethylhexyl)phthalate	800	U
117-84-0	Di-n-octylphthalate	800	U
205-99-2	Benzo(b)fluoranthene	520	J
207-08-9	Benzo(k)fluoranthene	120	J
50-32-8	Benzo(a)pyrene	940	
193-39-5	Indeno(1,2,3-cd)pyrene	340	J
53-70-3	Dibenzo(a,h)anthracene	320	J
191-24-2	Benzo(g,h,i)perylene	640	J

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBSSS13255

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9655

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.1 Extraction: (Type) SONC

Number TICs found: 6
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.27	180	J
2.	UNKNOWN	9.69	320	J
3.	UNKNOWN	9.84	760	J
4.	UNKNOWN	10.04	540	J
5.	UNKNOWN	10.17	520	J
6.	UNKNOWN	10.88	1400	J
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS13255RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-06ARE

Sample wt/vol: 30.0(g/mL) G Lab File ID: S2D9657

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	800	U
108-95-2	Phenol	800	U
111-44-4	bis(2-Chloroethyl) Ether	800	U
95-57-8	2-Chlorophenol	800	U
95-48-7	2-Methylphenol	800	U
108-60-1	2,2'-oxybis(1-Chloropropane)	800	U
98-86-2	Acetophenone	800	U
106-44-5	4-Methylphenol	800	U
621-64-7	N-Nitroso-di-n-propylamine	800	U
67-72-1	Hexachloroethane	800	U
98-95-3	Nitrobenzene	800	U
78-59-1	Isophorone	800	U
88-75-5	2-Nitrophenol	800	U
105-67-9	2,4-Dimethylphenol	800	U
111-91-1	bis(2-Chloroethoxy) methane	800	U
120-83-2	2,4-Dichlorophenol	800	U
91-20-3	Naphthalene	800	U
106-47-8	4-Chloroaniline	800	U
87-68-3	Hexachlorobutadiene	800	U
105-60-2	Caprolactam	800	U
59-50-7	4-Chloro-3-Methylphenol	800	U
91-57-6	2-Methylnaphthalene	800	U
77-47-4	Hexachlorocyclopentadiene	800	U
88-06-2	2,4,6-Trichlorophenol	800	U
95-95-4	2,4,5-Trichlorophenol	2000	U
92-52-4	1,1'-Biphenyl	800	U
91-58-7	2-Chloronaphthalene	800	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	800	U
606-20-2	2,6-Dinitrotoluene	800	U
208-96-8	Acenaphthylene	800	U
99-09-2	3-Nitroaniline	2000	U
83-32-9	Acenaphthene	800	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS13255RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-06ARE

Sample wt/vol: 30.0(g/mL) G Lab File ID: S2D9657

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000(uL) Date Analyzed: 04/08/04

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.1 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	2000	U
100-02-7	4-Nitrophenol	2000	U
132-64-9	Dibenzofuran	800	U
121-14-2	2,4-Dinitrotoluene	800	U
84-66-2	Diethylphthalate	800	U
86-73-7	Fluorene	800	U
7005-72-3	4-Chlorophenyl-phenylether	800	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	N-Nitrosodiphenylamine (1)	800	U
101-55-3	4-Bromophenyl-phenylether	800	U
118-74-1	Hexachlorobenzene	800	U
1912-24-9	Atrazine	800	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	800	U
120-12-7	Anthracene	800	U
86-74-8	Carbazole	800	U
84-74-2	Di-n-butylphthalate	800	U
206-44-0	Fluoranthene	800	U
129-00-0	Pyrene	1800	
85-68-7	Butylbenzylphthalate	800	U
91-94-1	3,3'-Dichlorobenzidine	800	U
56-55-3	Benzo(a)anthracene	140	J
218-01-9	Chrysene	1300	
117-81-7	bis(2-Ethylhexyl)phthalate	800	U
117-84-0	Di-n-octylphthalate	800	U
205-99-2	Benzo(b)fluoranthene	410	J
207-08-9	Benzo(k)fluoranthene	420	J
50-32-8	Benzo(a)pyrene	690	J
193-39-5	Indeno(1,2,3-cd)pyrene	800	U
53-70-3	Dibenzo(a,h)anthracene	240	J
191-24-2	Benzo(g,h,i)perylene	640	J

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBSSS13255RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-06ARE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S2D9657

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/08/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.1 Extraction: (Type) SONC

Number TICs found: 5 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.28	200	J
2.	UNKNOWN	9.70	350	J
3.	UNKNOWN	9.85	640	J
4.	UNKNOWN	10.04	570	J
5.	UNKNOWN	10.89	1600	J
6.				
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1

EPA SAMPLE NO

INORGANIC ANALYSIS DATA SHEET

SBSSS13255

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0270Matrix (soil/water): SOILLab Sample ID: C0270-06Level (low/med): MEDDate Received: 04/01/04% Solids: 82.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1690			P
7440-36-0	Antimony	0.43	U		P
7440-38-2	Arsenic	11.1			P
7440-39-3	Barium	239			P
7440-41-7	Beryllium	0.49	B		P
7440-43-9	Cadmium	0.043	U		P
7440-70-2	Calcium	812	B		P
7440-47-3	Chromium	4.2			P
7440-48-4	Cobalt	2.6	B		P
7440-50-8	Copper	126			P
7439-89-6	Iron	10600			P
7439-92-1	Lead	23.9			P
7439-95-4	Magnesium	141	B		P
7439-96-5	Manganese	27.4			P
7440-02-0	Nickel	14.3			P
7440-09-7	Potassium	148	B		P
7782-49-2	Selenium	3.6			P
7440-22-4	Silver	1.1	B		P
7440-23-5	Sodium	9.7	U		P
7440-28-0	Thallium	0.65	U		P
7440-62-2	Vanadium	34.7			P
7440-66-6	Zinc	52.5			P
7439-97-6	Mercury	0.064	B		CV
	Cyanide	1.4			CA

Color Before: BLACK Clarity Before: _____Texture: COARSEColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS1431

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-07A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S2D9615

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl) Ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy) methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	91	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	990	U
92-52-4	1,1'-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	390	U
606-20-2	2,6-Dinitrotoluene	390	U
208-96-8	Acenaphthylene	43	J
99-09-2	3-Nitroaniline	990	U
83-32-9	Acenaphthene	390	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBSSS1431

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-07A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S2D9615

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	990	U
100-02-7	4-Nitrophenol	990	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
86-73-7	Fluorene	72	J
7005-72-3	4-Chlorophenyl-phenylether	390	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	67	J
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	78	BJ
206-44-0	Fluoranthene	330	J
129-00-0	Pyrene	320	J
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	250	J
218-01-9	Chrysene	270	J
117-81-7	bis(2-Ethylhexyl)phthalate	71	BJ
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	380	J
207-08-9	Benzo(k)fluoranthene	170	J
50-32-8	Benzo(a)pyrene	250	J
193-39-5	Indeno(1,2,3-cd)pyrene	110	J
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	72	J

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBSSS1431

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0270

Matrix: (soil/water) SOIL Lab Sample ID: C0270-07A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S2D9615

Level: (low/med) LOW Date Received: 04/01/04

% Moisture: 17 Decanted: (Y/N) N Date Extracted: 04/02/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/06/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.9 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 108-83-8	4-HEPTANONE, 2,6-DIMETHYL-	6.00	210	NJ
2. 934-74-7	BENZENE, 1-ETHYL-3,5-DIMETHY	8.57	210	NJ
3.	UNKNOWN	8.85	160	J
4.	UNKNOWN	9.15	270	J
5.	UNKNOWN	9.62	220	J
6.	UNKNOWN	9.80	240	J
7.	UNKNOWN	10.15	310	J
8.	UNKNOWN	10.35	360	J
9.	UNKNOWN	10.55	220	J
10.	UNKNOWN	10.93	300	J
11.	UNKNOWN	11.12	520	J
12.	UNKNOWN	11.39	320	J
13.	UNKNOWN	11.50	1000	J
14.	UNKNOWN	11.59	360	J
15. 581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	11.82	510	NJ
16. 581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	11.89	550	NJ
17. 581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	12.06	450	NJ
18.	UNKNOWN	12.57	220	J
19. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	13.03	330	NJ
20.	UNKNOWN	13.09	250	J
21. 829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	13.17	380	NJ
22.	UNKNOWN	13.21	340	J
23. 140-66-9	PHENOL, 4-(1,1,3,3-TETRAMETH	13.65	400	NJ
24.	UNKNOWN	14.18	190	J
25.	UNKNOWN	14.46	180	J
26.	UNKNOWN	16.94	140	J
27. 111-06-8	HEXADECANOIC ACID, BUTYL EST	18.60	430	NJ
28.	UNKNOWN	20.05	300	J
29. 601-53-6	CHOLESTAN-3-ONE, (5.BETA.) -	24.64	940	NJ
30.	UNKNOWN	27.80	880	J

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SBSSS1431

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0270Matrix (soil/water): SOILLab Sample ID: C0270-07Level (low/med): MEDDate Received: 04/01/04% Solids: 83.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2920			P
7440-36-0	Antimony	0.43	U		P
7440-38-2	Arsenic	6.5			P
7440-39-3	Barium	44.5			P
7440-41-7	Beryllium	0.36	B		P
7440-43-9	Cadmium	0.19	B		P
7440-70-2	Calcium	993	B		P
7440-47-3	Chromium	4.9			P
7440-48-4	Cobalt	1.2	B		P
7440-50-8	Copper	13.6			P
7439-89-6	Iron	3120			P
7439-92-1	Lead	79.0			P
7439-95-4	Magnesium	193	B		P
7439-96-5	Manganese	26.4			P
7440-02-0	Nickel	3.4	B		P
7440-09-7	Potassium	117	B		P
7782-49-2	Selenium	2.3			P
7440-22-4	Silver	0.53	B		P
7440-23-5	Sodium	9.8	U		P
7440-28-0	Thallium	0.65	U		P
7440-62-2	Vanadium	9.0	B		P
7440-66-6	Zinc	61.9			P
7439-97-6	Mercury	0.12			CV
	Cyanide	0.91			CA

Color Before: BROWN Clarity Before: _____Texture: MIXEDColor After: YELLOW Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBVP12220

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: 0397H SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-02B

Sample wt/vol: 5.2(g/mL) G Lab File ID: V2G1213

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. 7 Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	6	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	2	BJ
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBVP12220

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: 0397H

SAS No.: _____

SDG No.: C0141

Matrix: (soil/water) SOIL

Lab Sample ID: C0141-02B

Sample wt/vol: 5.2(g/mL) G

Lab File ID: V2G1213

Level: (low/med) LOW

Date Received: 02/13/04

% Moisture: not dec. 7

Date Analyzed: 02/18/04

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/KG Q

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBVP12220

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: 0397H SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-02B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V2G1213

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. 7 Date Analyzed: 02/18/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1366

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO. COMPOUND

75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBVP12220

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-02A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A3963

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: 7 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl) Ether	350	U
95-57-8	2-Chlorophenol	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U
98-86-2	Acetophenone	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy) methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
105-60-2	Caprolactam	350	U
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	890	U
92-52-4	1,1'-Biphenyl	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	890	U
131-11-3	Dimethylphthalate	350	U
606-20-2	2,6-Dinitrotoluene	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	890	U
83-32-9	Acenaphthene	350	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBVP12220

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0141

Matrix: (soil/water) SOIL

Lab Sample ID: C0141-02A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S4A3963

Level: (low/med) LOW

Date Received: 02/13/04

% Moisture: 7

Decanted: (Y/N) N

Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 7.8

Extraction: (Type) SONC

CAS NO.

COMPOUND

CONCENTRATION UNITS:

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

51-28-5	2,4-Dinitrophenol	890	U
100-02-7	4-Nitrophenol	890	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
86-73-7	Fluorene	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
100-01-6	4-Nitroaniline	890	U
534-52-1	4,6-Dinitro-2-methylphenol	890	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
1912-24-9	Atrazine	350	U
87-86-5	Pentachlorophenol	890	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	350	U
129-00-0	Pyrene	350	U
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo(a)anthracene	350	U
218-01-9	Chrysene	350	U
117-81-7	bis(2-Ethylhexyl)phthalate	50	J
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
50-32-8	Benzo(a)pyrene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenzo(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. _____

SBVP12220

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) SOIL Lab Sample ID: C0141-02A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S4A3963

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: 7 Decanted: (Y/N) N Date Extracted: 02/13/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/24/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	UNKNOWN	19.78	85	J
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
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30.				

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1

EPA SAMPLE NO

INORGANIC ANALYSIS DATA SHEET

SBVP12220

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MC0141Matrix (soil/water): SOILLab Sample ID: C0141-02Level (low/med): MEDDate Received: 02/13/04% Solids: 93.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	695			P
7440-36-0	Antimony	0.41	U	N	P
7440-38-2	Arsenic	0.41	U		P
7440-39-3	Barium	2.7	B		P
7440-41-7	Beryllium	0.041	U		P
7440-43-9	Cadmium	0.041	U	N	P
7440-70-2	Calcium	259	B	*	P
7440-47-3	Chromium	3.1		*	P
7440-48-4	Cobalt	0.57	B		P
7440-50-8	Copper	1.7	B		P
7439-89-6	Iron	1370		*	P
7439-92-1	Lead	2.0		*	P
7439-95-4	Magnesium	129	B		P
7439-96-5	Manganese	29.2		*	P
7440-02-0	Nickel	0.98	B		P
7440-09-7	Potassium	81.1	B		P
7782-49-2	Selenium	0.81	U	N	P
7440-22-4	Silver	0.41	U	N*	P
7440-23-5	Sodium	24.1	B		P
7440-28-0	Thallium	0.61	U		P
7440-62-2	Vanadium	2.3	B		P
7440-66-6	Zinc	4.2		N*	P
7439-97-6	Mercury	0.045	U		CV
	Cyanide	0.14	U		CA

Color Before: BROWN Clarity Before: _____Texture: MIXEDColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBVP2135115

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-02A

Sample wt/vol: 5.0(g/mL) G Lab File ID: V5F1884

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. 11 Date Analyzed: 04/06/04

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

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	Methyl tert-Butyl Ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBVP2135115

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: C0265

Matrix: (soil/water) SOIL

Lab Sample ID: C0265-02A

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: V5F1884

Level: (low/med) LOW

Date Received: 03/31/04

% Moisture: not dec. 11

Date Analyzed: 04/06/04

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

Dilution Factor: 1.0

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND

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

79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	27	
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBVP2135115

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-02A

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5F1884

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. 11 Date Analyzed: 04/06/04

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

Soil Extract Volume: _____ (mL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.65	110	J
2.	UNKNOWN	9.95	79	J
3.	BRANCHED ALKANE	10.06	55	J
4.	BRANCHED ALKANE	10.22	250	J
5.	UNKNOWN	10.39	410	J
6.	UNKNOWN	10.48	82	J
7.	UNKNOWN	10.56	290	J
8.	BRANCHED ALKANE	10.80	110	J
9.	UNKNOWN	10.89	330	J
10.	UNKNOWN	11.05	130	J
11.	UNKNOWN	11.13	79	J
12.	STRAIGHT-CHAIN ALKANE	11.22	1100	J
13.	UNKNOWN	11.32	110	J
14. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.44	370	NJ
15.	UNKNOWN	11.53	64	J
16.	UNKNOWN	11.58	340	J
17. 95-36-3	1,2,4-TRIMETHYLBENZENE	11.65	480	NJ
18.	UNKNOWN	11.84	220	J
19.	UNKNOWN	12.07	78	J
20. 95-36-3	1,2,4-TRIMETHYLBENZENE	12.16	340	NJ
21.	UNKNOWN	12.28	150	J
22. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	12.43	110	NJ
23. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	12.50	330	NJ
24.	STRAIGHT-CHAIN ALKANE	12.66	180	J
25. 1074-17-5	BENZENE, 1-METHYL-2-PROPYL-	12.73	190	NJ
26. 99-87-6	BENZENE, 1-METHYL-4-(1-METHY	12.83	79	NJ
27. 874-41-9	BENZENE, 1-ETHYL-2,4-DIMETHY	12.87	78	NJ
28. 934-74-7	BENZENE, 1-ETHYL-3,5-DIMETHY	12.96	66	NJ
29.	UNKNOWN	13.12	88	J
30.	STRAIGHT-CHAIN ALKANE	14.00	65	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBVP2135115

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0265

Matrix: (soil/water) SOIL

Lab Sample ID: C0265-02B

Sample wt/vol: 30.1(g/mL) G

Lab File ID: S2D9574

Level: (low/med) LOW

Date Received: 03/31/04

% Moisture: 9

Decanted: (Y/N) N

Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 6.6

Extraction: (Type) SONC

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	360	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl) Ether	360	U
95-57-8	2-Chlorophenol	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U
98-86-2	Acetophenone	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy) methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
105-60-2	Caprolactam	360	U
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	910	U
92-52-4	1,1'-Biphenyl	360	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	910	U
131-11-3	Dimethylphthalate	360	U
606-20-2	2,6-Dinitrotoluene	360	U
208-96-8	Acenaphthylene	360	U
99-09-2	3-Nitroaniline	910	U
83-32-9	Acenaphthene	360	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBVP2135115

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0265

Matrix: (soil/water) SOIL

Lab Sample ID: C0265-02B

Sample wt/vol: 30.1(g/mL) G

Lab File ID: S2D9574

Level: (low/med) LOW

Date Received: 03/31/04

% Moisture: 9

Decanted: (Y/N) N

Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL)

Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y

pH: 6.6

Extraction: (Type) SONC

CAS NO. COMPOUND

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

51-28-5	2,4-Dinitrophenol	910	U
100-02-7	4-Nitrophenol	910	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
86-73-7	Fluorene	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
100-01-6	4-Nitroaniline	910	U
534-52-1	4,6-Dinitro-2-methylphenol	910	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
1912-24-9	Atrazine	360	U
87-86-5	Pentachlorophenol	910	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
86-74-8	Carbazole	360	U
84-74-2	Di-n-butylphthalate	120	JB
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	130	J
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	210	JB
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenzo(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBVP2135115

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) SOIL Lab Sample ID: C0265-02B

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S2D9574

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: 9 Decanted: (Y/N) N Date Extracted: 03/31/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.6 Extraction: (Type) SONC

Number TICs found: 29

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.94	230	J
2.	UNKNOWN	6.05	690	J
3.	UNKNOWN	6.11	240	J
4.	UNKNOWN	6.21	510	J
5. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.59	690	NJ
6.	UNKNOWN	7.00	1400	J
7.	UNKNOWN	7.05	250	J
8.	UNKNOWN	7.16	290	J
9.	UNKNOWN	7.35	460	J
10. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.39	280	NJ
11.	UNKNOWN	7.44	340	J
12.	UNKNOWN	7.49	510	J
13.	UNKNOWN	7.55	540	J
14. 933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	7.71	82	NJ
15.	UNKNOWN	7.76	83	J
16. 874-41-9	BENZENE, 1-ETHYL-2,4-DIMETHY	8.08	260	NJ
17.	UNKNOWN	8.18	750	J
18. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	8.24	230	NJ
19. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	8.29	310	NJ
20. 2958-75-0	1-METHYLDECAHYDRONAPHTHALENE	8.47	850	NJ
21.	UNKNOWN	8.57	300	J
22. 1587-04-8	BENZENE, 1-METHYL-2-(2-PROPE	8.67	720	NJ
23.	UNKNOWN	8.86	470	J
24.	UNKNOWN	9.56	200	J
25.	UNKNOWN	9.88	200	J
26.	UNKNOWN	10.10	280	J
27.	UNKNOWN	10.38	190	J
28.	UNKNOWN	12.01	490	J
29. 872-05-9	1-DECENE	12.39	500	NJ
30.				

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

SBVP2135115

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0265Matrix (soil/water): SOILLab Sample ID: C0265-02Level (low/med): MEDDate Received: 03/31/04% Solids: 91.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	614			P
7440-36-0	Antimony	0.37	U		P
7440-38-2	Arsenic	0.49	B		P
7440-39-3	Barium	1.8	B		P
7440-41-7	Beryllium	0.048	B		P
7440-43-9	Cadmium	0.037	U	N	P
7440-70-2	Calcium	95.1	B		P
7440-47-3	Chromium	1.5	B		P
7440-48-4	Cobalt	0.37	B		P
7440-50-8	Copper	1.9	B		P
7439-89-6	Iron	882			P
7439-92-1	Lead	1.7		N	P
7439-95-4	Magnesium	100	B		P
7439-96-5	Manganese	8.5			P
7440-02-0	Nickel	1.5	B		P
7440-09-7	Potassium	57.7	B		P
7782-49-2	Selenium	0.37	U		P
7440-22-4	Silver	0.19	B		P
7440-23-5	Sodium	8.3	U		P
7440-28-0	Thallium	0.55	U		P
7440-62-2	Vanadium	2.2	B		P
7440-66-6	Zinc	10.3			P
7439-97-6	Mercury	0.082	B		CV
	Cyanide	0	U	N	CA

Color Before: Lt. BROW Clarity Before: _____Texture: MIXEDColor After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSD1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-10B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V2G1237

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. 20 Date Analyzed: 02/19/04

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/KG Q

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl tert-Butyl Ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSD1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-10B

Sample wt/vol: 5.3(g/mL) G Lab File ID: V2G1237

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. 20 Date Analyzed: 02/19/04

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/KG Q

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSD1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-10B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V2G1237

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. 20 Date Analyzed: 02/19/04

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/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSD1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-10A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A4024

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: 20 Decanted: (Y/N) N Date Extracted: 02/23/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8 Extraction: (Type) SONC

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

Number TICs found: 14

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.08	91	J
2. 872-05-9	1-DECENE	11.35	380	NJ
3.	UNKNOWN	13.11	260	J
4.	UNKNOWN	13.16	84	J
5. 4707-47-5	BENZOIC ACID, 2,4-DIHYDROXY-	13.33	83	NJ
6. 4505-48-0	1H-INDENE, 2-PHENYL-	14.90	140	NJ
7. 779-02-2	ANTHRACENE, 9-METHYL-	14.95	110	NJ
8. 57-10-3	HEXADECANOIC ACID	15.02	210	NJ
9.	UNKNOWN	15.08	160	J
10. 84-65-1	9,10-ANTHRACENEDIONE	15.44	170	NJ
11.	UNKNOWN	16.47	630	J
12. 238-84-6	11H-BENZO [A] FLUORENE	16.99	94	NJ
13.	UNKNOWN	17.17	83	J
14. 646-13-9	OCTADECANOIC ACID, 2-METHYLP	17.65	470	NJ
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1

EPA SAMPLE NO

INORGANIC ANALYSIS DATA SHEET

BPSD1

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0149Matrix (soil/water): SOILLab Sample ID: C0149-10Level (low/med): MEDDate Received: 02/14/04% Solids: 80.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	818			P
7440-36-0	Antimony	0.36	U	N	P
7440-38-2	Arsenic	0.91	B		P
7440-39-3	Barium	9.0	B	*	P
7440-41-7	Beryllium	0.036	U		P
7440-43-9	Cadmium	0.036	U		P
7440-70-2	Calcium	1680			P
7440-47-3	Chromium	5.9			P
7440-48-4	Cobalt	0.78	B		P
7440-50-8	Copper	7.0		N*	P
7439-89-6	Iron	3350			P
7439-92-1	Lead	12.2		*	P
7439-95-4	Magnesium	1060			P
7439-96-5	Manganese	40.8			P
7440-02-0	Nickel	2.5	B		P
7440-09-7	Potassium	102	B		P
7782-49-2	Selenium	0.71	U		P
7440-22-4	Silver	0.36	U		P
7440-23-5	Sodium	64.6	B		P
7440-28-0	Thallium	0.54	U		P
7440-62-2	Vanadium	7.2	B		P
7440-66-6	Zinc	23.3		E	P
7439-97-6	Mercury	0.050	U		CV
	Cyanide	0.16	U	N	CA

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSD2

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM Case No.: _____

SAS No.: _____

SDG No.: C0149

Matrix: (soil/water) SOIL

Lab Sample ID: C0149-09B

Sample wt/vol: 5.1(g/mL) G

Lab File ID: V2G1219

Level: (low/med) LOW

Date Received: 02/14/04

% Moisture: not dec. 49

Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	19	U
74-87-3	Chloromethane	19	U
75-01-4	Vinyl Chloride	19	U
74-83-9	Bromomethane	19	U
75-00-3	Chloroethane	19	U
75-69-4	Trichlorofluoromethane	19	U
75-35-4	1,1-Dichloroethene	19	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19	U
67-64-1	Acetone	82	
75-15-0	Carbon Disulfide	19	U
79-20-9	Methyl Acetate	6	J
75-09-2	Methylene Chloride	8	JB
156-60-5	trans-1,2-Dichloroethene	19	U
1634-04-4	Methyl tert-Butyl Ether	19	U
75-34-3	1,1-Dichloroethane	19	U
156-59-2	cis-1,2-Dichloroethene	19	U
78-93-3	2-Butanone	14	J
67-66-3	Chloroform	19	U
71-55-6	1,1,1-Trichloroethane	19	U
110-82-7	Cyclohexane	19	U
56-23-5	Carbon Tetrachloride	19	U
71-43-2	Benzene	19	U
107-06-2	1,2-Dichloroethane	19	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSD2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-09B

Sample wt/vol: 5.1(g/mL) G Lab File ID: V2G1219

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. 49 Date Analyzed: 02/18/04

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/KG Q

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	19	U
108-87-2	Methylcyclohexane	19	U
78-87-5	1,2-Dichloropropane	19	U
75-27-4	Bromodichloromethane	19	U
10061-01-5	cis-1,3-Dichloropropene	19	U
108-10-1	4-Methyl-2-Pentanone	19	U
108-88-3	Toluene	19	U
10061-02-6	trans-1,3-Dichloropropene	19	U
79-00-5	1,1,2-Trichloroethane	19	U
127-18-4	Tetrachloroethene	19	U
591-78-6	2-Hexanone	19	U
124-48-1	Dibromochloromethane	19	U
106-93-4	1,2-Dibromoethane	19	U
108-90-7	Chlorobenzene	19	U
100-41-4	Ethylbenzene	19	U
1330-20-7	Xylene (total)	19	U
100-42-5	Styrene	19	U
75-25-2	Bromoform	19	U
98-82-8	Isopropylbenzene	19	U
79-34-5	1,1,2,2-Tetrachloroethane	19	U
541-73-1	1,3-Dichlorobenzene	19	U
106-46-7	1,4-Dichlorobenzene	19	U
95-50-1	1,2-Dichlorobenzene	19	U
96-12-8	1,2-Dibromo-3-chloropropane	19	U
120-82-1	1,2,4-Trichlorobenzene	19	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSD2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-09B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V2G1219

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. 49 Date Analyzed: 02/18/04

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

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 7

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.71	17	J
2.	UNKNOWN	2.81	68	J
3.	UNKNOWN	4.09	15	J
4.	UNKNOWN	6.18	13	J
5.	UNKNOWN	6.89	17	J
6.	UNKNOWN	9.02	120	J
7.	UNKNOWN	10.56	12	J
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSD2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-09A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A4027

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: 49 Decanted: (Y/N) N Date Extracted: 02/23/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	130	J
108-95-2	Phenol	640	U
111-44-4	bis(2-Chloroethyl) Ether	640	U
95-57-8	2-Chlorophenol	640	U
95-48-7	2-Methylphenol	640	U
108-60-1	2,2'-oxybis(1-Chloropropane)	640	U
98-86-2	Acetophenone	110	J
106-44-5	4-Methylphenol	120	J
621-64-7	N-Nitroso-di-n-propylamine	640	U
67-72-1	Hexachloroethane	640	U
98-95-3	Nitrobenzene	640	U
78-59-1	Isophorone	640	U
88-75-5	2-Nitrophenol	640	U
105-67-9	2,4-Dimethylphenol	640	U
111-91-1	bis(2-Chloroethoxy) methane	640	U
120-83-2	2,4-Dichlorophenol	640	U
91-20-3	Naphthalene	640	U
106-47-8	4-Chloroaniline	640	U
87-68-3	Hexachlorobutadiene	640	U
105-60-2	Caprolactam	640	U
59-50-7	4-Chloro-3-Methylphenol	640	U
91-57-6	2-Methylnaphthalene	71	J
77-47-4	Hexachlorocyclopentadiene	640	U
88-06-2	2,4,6-Trichlorophenol	640	U
95-95-4	2,4,5-Trichlorophenol	1600	U
92-52-4	1,1'-Biphenyl	640	U
91-58-7	2-Chloronaphthalene	640	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	640	U
606-20-2	2,6-Dinitrotoluene	640	U
208-96-8	Acenaphthylene	520	J
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	640	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSD2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) SOIL Lab Sample ID: C0149-09A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A4027

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: 49 Decanted: (Y/N) N Date Extracted: 02/23/04

Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	130	J
121-14-2	2,4-Dinitrotoluene	640	U
84-66-2	Diethylphthalate	640	U
86-73-7	Fluorene	110	J
7005-72-3	4-Chlorophenyl-phenylether	640	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	640	U
101-55-3	4-Bromophenyl-phenylether	640	U
118-74-1	Hexachlorobenzene	640	U
1912-24-9	Atrazine	640	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	2100	
120-12-7	Anthracene	1300	
86-74-8	Carbazole	580	J
84-74-2	Di-n-butylphthalate	640	U
206-44-0	Fluoranthene	5100	
129-00-0	Pyrene	4100	
85-68-7	Butylbenzylphthalate	640	U
91-94-1	3,3'-Dichlorobenzidine	640	U
56-55-3	Benzo (a) anthracene	2100	
218-01-9	Chrysene	4500	
117-81-7	bis(2-Ethylhexyl)phthalate	1700	B
117-84-0	Di-n-octylphthalate	640	U
205-99-2	Benzo (b) fluoranthene	5200	
207-08-9	Benzo (k) fluoranthene	5300	
50-32-8	Benzo (a) pyrene	2000	
193-39-5	Indeno (1,2,3-cd) pyrene	1300	
53-70-3	Dibenzo (a,h) anthracene	380	J
191-24-2	Benzo (g,h,i) perylene	1300	

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSD2

Lab Name: MITKEM CORPORATION Contract: _____
Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149
Matrix: (soil/water) SOIL Lab Sample ID: C0149-09A
Sample wt/vol: 30.1 (g/mL) G Lab File ID: S4A4027
Level: (low/med) LOW Date Received: 02/14/04
% Moisture: 49 Decanted: (Y/N) N Date Extracted: 02/23/04
Concentrated Extract Volume: 500 (uL) Date Analyzed: 02/27/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) Y pH: 7.0 Extraction: (Type) SONC

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 646-07-1	PENTANOIC ACID, 4-METHYL-	5.99	530	NJ
2. 103-82-2	BENZENEACETIC ACID	9.27	240	NJ
3. 872-05-9	1-DECENE	11.36	560	NJ
4. 18794-84-8	1,6,10-DODECATRIENE, 7,11-DI	11.55	810	NJ
5. 495-61-4	CYCLOHEXENE, 1-METHYL-4-(5-M	11.71	720	NJ
6.	UNKNOWN	13.12	310	J
7.	UNKNOWN	13.32	140	J
8. 486-25-9	9H-FLUOREN-9-ONE	13.76	330	NJ
9. 613-12-7	ANTHRACENE, 2-METHYL-	14.91	360	NJ
10. 2091-29-4	9-HEXADECENOIC ACID	14.98	1300	NJ
11. 57-10-3	HEXADECANOIC ACID	15.04	1500	NJ
12. 90-44-8	ANTHRONE	15.30	270	NJ
13. 35465-71-5	2-PHENYLNAPHTHALENE	15.40	180	NJ
14. 84-65-1	9,10-ANTHRACENEDIONE	15.45	690	NJ
15. 1576-67-6	PHENANTHRENE, 3,6-DIMETHYL-	15.82	230	NJ
16. 81-84-5	1,8-NAPHTHALIC ANHYDRIDE	15.87	360	NJ
17. 5737-13-3	CYCLOPENTA(DEF) PHENANTHRENON	15.97	470	NJ
18.	UNKNOWN	16.17	300	J
19.	UNKNOWN	16.21	640	J
20.	UNKNOWN	16.23	710	J
21. 2381-21-7	PYRENE, 1-METHYL-	16.97	280	NJ
22. 3442-78-2	PYRENE, 2-METHYL-	17.01	310	NJ
23. 2381-21-7	PYRENE, 1-METHYL-	17.18	290	NJ
24. 646-13-9	OCTADECANOIC ACID, 2-METHYLP	17.65	290	NJ
25. 82-05-3	7H-BENZ [DE] ANTHRACEN-7-ONE	17.86	410	NJ
26.	UNKNOWN	18.03	270	J
27.	UNKNOWN	18.12	150	J
28. 82-05-3	7H-BENZ [DE] ANTHRACEN-7-ONE	18.21	320	NJ
29.	UNKNOWN	18.26	240	J
30.	UNKNOWN	19.31	640	J

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1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPSD2

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0149Matrix (soil/water): SOILLab Sample ID: C0149-09Level (low/med): MEDDate Received: 02/14/04% Solids: 51.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4520			P
7440-36-0	Antimony	1.7	B	N	P
7440-38-2	Arsenic	5.0			P
7440-39-3	Barium	61.6	B	*	P
7440-41-7	Beryllium	0.068	U		P
7440-43-9	Cadmium	0.65	B		P
7440-70-2	Calcium	10200			P
7440-47-3	Chromium	15.4			P
7440-48-4	Cobalt	3.2	B		P
7440-50-8	Copper	40.9		N*	P
7439-89-6	Iron	13800			P
7439-92-1	Lead	104		*	P
7439-95-4	Magnesium	1820			P
7439-96-5	Manganese	172			P
7440-02-0	Nickel	12.7	B		P
7440-09-7	Potassium	574	B		P
7782-49-2	Selenium	1.4	U		P
7440-22-4	Silver	0.68	U		P
7440-23-5	Sodium	103	B		P
7440-28-0	Thallium	1.0	U		P
7440-62-2	Vanadium	29.2			P
7440-66-6	Zinc	205		E	P
7439-97-6	Mercury	0.16	B		CV
	Cyanide	0.50	B	N	CA

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1894

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/06/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	1	J
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	3	J
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1894

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/06/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	1	J
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	9	J
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	1	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	1	J
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1894

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/06/04

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

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	11.64	10	NJ
2. 496-11-7	INDANE	12.39	10	NJ
3.	UNKNOWN	14.03	8	J
4.				
5.				
6.				
7.				
8.				
9.				
10.				
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29.				
30.				

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-06C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A4022

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/16/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	2	J
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	2	J
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	2	J
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	2	J
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	1	J

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-06C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A4022

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/16/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	1	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	2	J
120-12-7	Anthracene	10	U
86-74-8	Carbazole	2	J
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	3	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-06C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A4022

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/16/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	6.52	18	NJ
2. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.87	10	NJ
3. 496-11-7	INDANE	7.05	10	NJ
4. 2039-89-6	BENZENE, 2-ETHENYL-1,4-DIMET	8.35	16	NJ
5.	UNKNOWN	8.59	4	J
6.	UNKNOWN	8.73	4	J
7.	UNKNOWN	8.84	6	J
8. 95-15-8	BENZO [B] THIOPHENE	8.88	8	NJ
9.	UNKNOWN	9.02	4	J
10.	UNKNOWN	9.17	5	J
11.	UNKNOWN	9.21	5	J
12.	UNKNOWN	9.34	3	J
13.	UNKNOWN	9.40	6	J
14.	UNKNOWN	9.52	10	J
15.	UNKNOWN	9.97	4	J
16.	UNKNOWN	10.03	6	J
17. 90-12-0	NAPHTHALENE, 1-METHYL-	10.08	30	NJ
18.	UNKNOWN	10.61	9	J
19.	UNKNOWN	10.80	9	J
20.	UNKNOWN	10.99	2	J
21.	UNKNOWN	11.07	8	J
22.	UNKNOWN	11.39	4	J
23.	UNKNOWN	11.55	2	J
24.	UNKNOWN	11.83	5	J
25.	UNKNOWN	12.09	4	J
26.	UNKNOWN	12.42	8	J
27.	UNKNOWN	12.85	4	J
28.	UNKNOWN	13.00	3	J
29.	UNKNOWN	13.27	6	J
30.	UNKNOWN	16.54	12	J

1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-18B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5B6473F

% Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/31/04

Extraction: (Type) SEPF Date Extracted: 03/31/04

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/01/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u> Q
319-84-6	alpha-BHC	0.050 U
319-85-7	beta-BHC	0.050 U
319-86-8	delta-BHC	0.050 U
58-89-9	gamma-BHC (Lindane)	0.050 U
76-44-8	Heptachlor	0.050 U
309-00-2	Aldrin	0.050 U
1024-57-3	Heptachlor epoxide	0.050 U
959-98-8	Endosulfan I	0.050 U
60-57-1	Dieldrin	0.10 U
72-55-9	4,4'-DDE	0.10 U
72-20-8	Endrin	0.10 U
33213-65-9	Endosulfan II	0.10 U
72-54-8	4,4'-DDD	0.10 U
1031-07-8	Endosulfan sulfate	0.10 U
50-29-3	4,4'-DDT	0.10 U
72-43-5	Methoxychlor	0.50 U
53494-70-5	Endrin ketone	0.10 U
7421-93-4	Endrin aldehyde	0.10 U
5103-71-9	alpha-Chlordane	0.050 U
5103-74-2	gamma-Chlordane	0.050 U
8001-35-2	Toxaphene	5.0 U
12674-11-2	Aroclor-1016	1.0 U
11104-28-2	Aroclor-1221	2.0 U
11141-16-5	Aroclor-1232	1.0 U
53469-21-9	Aroclor-1242	1.0 U
12672-29-6	Aroclor-1248	1.0 U
11097-69-1	Aroclor-1254	1.0 U
11096-82-5	Aroclor-1260	1.0 U

FORM 1
HERB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BPGW1

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0265

Matrix: (soil/water) WATER

Lab Sample ID: C0265-18B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: E3E6529F

% Moisture: _____ decanted: (Y/N) _____

Date Received: 03/31/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 03/31/04

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 04/03/04

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

Sulfur Cleanup: (Y/N) N

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

75-99-0-----	Dalapon	2.5	U
1918-00-9-----	Dicamba	0.10	U
93-65-2-----	MCP	100	U
94-74-6-----	MCPA	100	U
120-36-5-----	Dichlorprop	1.0	U
94-75-7-----	2,4-D	1.5	
93-72-1-----	2,4,5-TP (Silvex)	0.10	U
93-76-5-----	2,4,5-T	0.10	U
94-82-6-----	2,4-DB	1.0	U
88-85-7-----	Dinoseb	0.50	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPGW1

Lab Name: Mitkem CorporationContract: 2150Lab Code: MITKEM Case No.

SAS No.:

SDG No.: MC0149Matrix (soil/water): WATERLab Sample ID: C0149-06Level (low/med): MEDDate Received: 02/14/04% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5410			P
7440-36-0	Antimony	2.9	B		P
7440-38-2	Arsenic	6.6	B		P
7440-39-3	Barium	65.5	B		P
7440-41-7	Beryllium	0.20	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	169000			P
7440-47-3	Chromium	32.8			P
7440-48-4	Cobalt	1.8	B		P
7440-50-8	Copper	23.4	B		P
7439-89-6	Iron	6180			P
7439-92-1	Lead	6.8			P
7439-95-4	Magnesium	6430			P
7439-96-5	Manganese	134			P
7440-02-0	Nickel	11.1	B		P
7440-09-7	Potassium	11300			P
7782-49-2	Selenium	7.1		N	P
7440-22-4	Silver	2.0	U		P
7440-23-5	Sodium	24200			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	16.4	B		P
7440-66-6	Zinc	28.0			P
7439-97-6	Mercury	0.18	U		CV
	Cyanide	3.0	U		CA

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1849

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1849

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-15A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1849

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-15B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9536

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO. COMPOUND

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-15B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9536

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	2	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-15B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9536

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-15B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5B6469F

% Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/31/04

Extraction: (Type) SEPF Date Extracted: 03/31/04

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/01/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND		
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.070	P
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM 1
HERB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BPGW2

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0265

Matrix: (soil/water) WATER

Lab Sample ID: C0265-15B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: E3E6524F

% Moisture: _____ decanted: (Y/N) _____

Date Received: 03/31/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 03/31/04

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 04/03/04

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

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

75-99-0-----	Dalapon	2.5	U
1918-00-9-----	Dicamba	0.10	U
93-65-2-----	MCP	100	U
94-74-6-----	MCPA	100	U
120-36-5-----	Dichlorprop	1.0	U
94-75-7-----	2,4-D	1.0	U
93-72-1-----	2,4,5-TP (Silvex)	0.10	U
93-76-5-----	2,4,5-T	0.10	U
94-82-6-----	2,4-DB	1.0	U
88-85-7-----	Dinoseb	0.50	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPGW2

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0265Matrix (soil/water): WATERLab Sample ID: C0265-15Level (low/med): MEDDate Received: 03/31/04% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	51.9	B		P
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	6.8	B		P
7440-39-3	Barium	33.1	B	N	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.72	B		P
7440-70-2	Calcium	19100			P
7440-47-3	Chromium	1.2	B		P
7440-48-4	Cobalt	1.7	B		P
7440-50-8	Copper	10.1	B		P
7439-89-6	Iron	595	*		P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	3280	B		P
7439-96-5	Manganese	24.0			P
7440-02-0	Nickel	6.3	B	N	P
7440-09-7	Potassium	2380	B		P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	3.8	B		P
7440-23-5	Sodium	8380			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	1.2	B		P
7440-66-6	Zinc	48.9			P
7439-97-6	Mercury	0.14	U		CV
	Cyanide	3.6	B		CA

Color Before: COLORLES Clarity Before: CLEAR

Texture: _____

Color After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1893

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/06/04

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

CAS NO. COMPOUND

75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	2	J
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1893

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/06/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1893

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/06/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-16B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9539

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-16B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9539

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	1	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-16B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9539

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.54	3	J
2.	UNKNOWN	20.15	2	J
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-16B

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: E5B6472F

% Moisture: _____ Decanted: (Y/N) _____ Date Received: 03/31/04

Extraction: (Type) SEPF Date Extracted: 03/31/04

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 04/01/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

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

319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM 1
HERB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BPGW3

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0265

Matrix: (soil/water) WATER

Lab Sample ID: C0265-16B

Sample wt/vol: 500.0 (g/mL) ML

Lab File ID: E3E6528F

% Moisture: _____ decanted: (Y/N) _____

Date Received: 03/31/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 03/31/04

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 04/03/04

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

Sulfur Cleanup: (Y/N) N

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

75-99-0-----	Dalapon	2.5	U
1918-00-9-----	Dicamba	0.10	U
93-65-2-----	MCP	100	U
94-74-6-----	MCPA	100	U
120-36-5-----	Dichlorprop	1.0	U
94-75-7-----	2,4-D	1.0	U
93-72-1-----	2,4,5-TP (Silvex)	0.10	U
93-76-5-----	2,4,5-T	0.10	U
94-82-6-----	2,4-DB	1.0	U
88-85-7-----	Dinoseb	0.50	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BPGW3

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM Case No.

SAS No.:

SDG No.: MC0265Matrix (soil/water): WATERLab Sample ID: C0265-16Level (low/med): MEDDate Received: 03/31/04% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	191	B		P
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	5.6	B		P
7440-39-3	Barium	12.6	B	N	P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.39	B		P
7440-70-2	Calcium	24300			P
7440-47-3	Chromium	5.1	B		P
7440-48-4	Cobalt	2.5	B		P
7440-50-8	Copper	12.5	B		P
7439-89-6	Iron	2280		*	P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	3800	B		P
7439-96-5	Manganese	290			P
7440-02-0	Nickel	10.5	B	N	P
7440-09-7	Potassium	2480	B		P
7782-49-2	Selenium	4.0	U		P
7440-22-4	Silver	3.8	B		P
7440-23-5	Sodium	14800			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	1.5	B		P
7440-66-6	Zinc	64.3			P
7439-97-6	Mercury	0.14	U		CV
	Cyanide	0	U		CA

Color Before: COLORLES Clarity Before: CLEAR

Texture: _____

Color After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-12B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1360

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	2	J
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-12B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1360

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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) <u>UG/L</u>	<u>Q</u>
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-12B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1360

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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.				
2.				
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-12A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3883

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-12A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3883

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis (2-Ethylhexyl) phthalate	1	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-12A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3883

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	13.14	2	J
2.				
3.				
4.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-11B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1359

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO. COMPOUND

75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	3	J
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-11B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1359

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-11B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1359

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-11A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3884

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO. COMPOUND

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-11A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3884

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW2

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-11A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3884

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 872-05-9	1-DECENE	11.47	6	NJ
2. 36653-82-4	1-HEXADECANOL	13.13	16	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-14B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1361

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-14B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1361

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-14B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1361

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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
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1.				
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-14A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3930

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-14A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3930

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW3

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-14A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3930

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 112-53-8	1-DODECANOL	11.42	3	NJ
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-16B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1362

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO. COMPOUND

75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-16B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1362

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-16B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1362

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-16A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3909

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO. COMPOUND

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-16A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3909

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-16A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3909

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-18B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1363

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-18B

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1363

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER

Lab Sample ID: C0132-18B

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

Lab File ID: V5F1363

Level: (low/med) LOW

Date Received: 02/12/04

% Moisture: not dec. _____

Date Analyzed: 02/17/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-18A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3931

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CONCENTRATION UNITS:

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

CAS NO.

COMPOUND

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-18A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3931

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl) phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0132

Matrix: (soil/water) WATER Lab Sample ID: C0132-18A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3931

Level: (low/med) LOW Date Received: 02/12/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 112-53-8	1-DODECANOL	11.42	4	NJ
2. 1454-85-9	1-HEPTADECANOL	13.09	3	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1412

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1412

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBGW6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-11A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1412

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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.				
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-11A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3932

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-11A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3932

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis (2-Ethylhexyl) phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBGW6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-11A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3932

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	UNKNOWN	12.12	4	J
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW7

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-13A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1413

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW7

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-13A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1413

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBGW7

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-13A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1413

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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.				
2.				
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBCW7

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-13A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3933

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW7

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-13A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3933

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBGW7

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-13A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3933

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	12.12	4	J
2.	UNKNOWN	13.60	2	J
3.	UNKNOWN	19.39	3	J
4.	UNKNOWN	27.40	4	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW8

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1414

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW8

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1414

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBGW8

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-16A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1414

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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.				
2.				
3.				
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW8

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-16A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3934

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	5	J
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	5	J
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW8

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-16A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3934

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND	UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	1	J
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	3	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	2	J
120-12-7	Anthracene	1	J
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	3	J
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBGW8

Lab Name: MITKEM CORPORATION Contract: _____
Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141
Matrix: (soil/water) WATER Lab Sample ID: C0141-16A
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3934
Level: (low/med) LOW Date Received: 02/13/04
% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/23/04
Injection Volume: 2.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 29

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 496-11-7	INDANE	7.11	7	NJ
2. 3333-13-9	BENZENE, 1-METHYL-4-(2-PROPE	7.65	6	NJ
3. 27133-93-3	2,3-DIHYDRO-1-METHYLINDENE	8.41	6	NJ
4. 575-37-1	NAPHTHALENE, 1,7-DIMETHYL-	11.12	4	NJ
5. 575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	11.34	3	NJ
6. 571-58-4	NAPHTHALENE, 1,4-DIMETHYL-	11.45	7	NJ
7.	UNKNOWN	11.53	4	J
8. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	11.87	8	NJ
9. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	12.09	7	NJ
10.	UNKNOWN	12.12	16	J
11. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	12.21	12	NJ
12. 829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	12.26	5	NJ
13.	UNKNOWN	12.36	8	J
14. 829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	12.38	4	NJ
15.	UNKNOWN	12.50	5	J
16.	UNKNOWN	12.63	6	J
17.	UNKNOWN	12.69	6	J
18.	UNKNOWN	12.82	5	J
19.	UNKNOWN	13.05	8	J
20. 490-65-3	NAPHTHALENE, 1-METHYL-7-(1-M	13.20	7	NJ
21. 490-65-3	NAPHTHALENE, 1-METHYL-7-(1-M	13.32	7	NJ
22.	UNKNOWN	13.53	12	J
23.	UNKNOWN	14.32	8	J
24. 16587-52-3	DIBENZOTHIOPHENE, 3-METHYL-	14.67	12	NJ
25.	UNKNOWN	14.95	11	J
26. 779-02-2	ANTHRACENE, 9-METHYL-	15.13	11	NJ
27. 1207-15-4	2,8-DIMETHYLDIBENZO(B,D)THIO	15.34	7	NJ
28. 1576-69-8	PHENANTHRENE, 2,7-DIMETHYL-	15.75	7	NJ
29. 3674-73-5	PHENANTHRENE, 2,3,5-TRIMETHY	16.61	12	NJ
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW9

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1384

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. _____ Date Analyzed: 02/18/04

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

CAS NO. COMPOUND

75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	5	J
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	13	
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW9

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1384

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. _____ Date Analyzed: 02/18/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	6	J
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	
1330-20-7	Xylene (Total)	35	
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	5	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW9

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1384

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. _____ Date Analyzed: 02/18/04

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

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 29

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 103-65-1	BENZENE, PROPYL-	10.98	11	NJ
2. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.09	38	NJ
3. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	11.19	37	NJ
4. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.43	13	NJ
5.	BRANCHED ALKANE	11.56	9	J
6. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	11.64	71	NJ
7. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	12.15	39	NJ
8.	STRAIGHT-CHAIN ALKANE	12.39	45	J
9. 527-84-4	BENZENE, 1-METHYL-2- (1-METHY	12.50	25	NJ
10.	UNKNOWN	12.65	9	J
11. 1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	12.83	13	NJ
12. 527-84-4	BENZENE, 1-METHYL-2- (1-METHY	12.87	17	NJ
13. 1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	12.96	16	NJ
14. 824-90-8	1-PHENYL-1-BUTENE	13.10	28	NJ
15. 527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL	13.44	13	NJ
16. 488-23-3	BENZENE, 1,2,3,4-TETRAMETHYL	13.51	28	NJ
17.	UNKNOWN	13.64	11	J
18. 767-58-8	INDAN, 1-METHYL-	13.83	17	NJ
19. 3333-13-9	BENZENE, 1-METHYL-4- (2-PROPE	14.03	56	NJ
20. 119-64-2	NAPHTHALENE, 1,2,3,4-TETRAHY	14.24	20	NJ
21. 4489-84-3	BENZENE, (3-METHYL-2-BUTENYL	14.44	11	NJ
22.	UNKNOWN	14.50	14	J
23. 6682-71-9	1H-INDENE, 2,3-DIHYDRO-4,7-D	14.63	13	NJ
24.	UNKNOWN	14.93	10	J
25. 4701-36-4	BENZENE, (1-ETHYL-1-PROPENYL	15.05	12	NJ
26. 6682-71-9	1H-INDENE, 2,3-DIHYDRO-4,7-D	15.29	13	NJ
27. 27087-54-3	BICYCLO[4.2.0]OCTA-1,3,5-TRI	15.52	16	NJ
28.	UNKNOWN	15.77	10	J
29. 90-12-0	NAPHTHALENE, 1-METHYL-	16.39	15	NJ
30.				

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW9

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A4018

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/16/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	31	
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	69	
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	1	J
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	2	J

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW9

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A4018

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/16/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	4	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	12	
120-12-7	Anthracene	2	J
86-74-8	Carbazole	6	J
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	1	J
129-00-0	Pyrene	3	J
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	1	J
218-01-9	Chrysene	2	J
117-81-7	bis(2-Ethylhexyl)phthalate	3	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW9

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A4018

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/16/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	6.53	24	NJ
2. 95-36-3	1,2,4-TRIMETHYLBENZENE	6.87	12	NJ
3. 496-11-7	INDANE	7.05	11	NJ
4. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	7.26	10	NJ
5. 2039-89-6	BENZENE, 2-ETHENYL-1,4-DIMET	8.25	12	NJ
6. 2039-89-6	BENZENE, 2-ETHENYL-1,4-DIMET	8.35	20	NJ
7. 527-60-6	PHENOL, 2,4,6-TRIMETHYL-	8.89	24	NJ
8.	UNKNOWN	8.98	12	J
9. 6682-71-9	1H-INDENE, 2,3-DIHYDRO-4,7-D	9.39	8	NJ
10. 621-36-3	M-TOLYLACETIC ACID	10.27	31	NJ
11. 492-37-5	BENZENEACETIC ACID, .ALPHA.-	10.34	15	NJ
12.	UNKNOWN	10.45	22	J
13. 1127-76-0	NAPHTHALENE, 1-ETHYL-	10.84	20	NJ
14. 575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	10.95	36	NJ
15.	UNKNOWN	11.00	16	J
16. 575-37-1	NAPHTHALENE, 1,7-DIMETHYL-	11.07	50	NJ
17. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	11.81	12	NJ
18.	UNKNOWN	11.88	12	J
19. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	12.04	9	NJ
20.	UNKNOWN	12.09	22	J
21. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	12.16	11	NJ
22. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	12.20	17	NJ
23.	UNKNOWN	12.28	12	J
24.	UNKNOWN	13.07	10	J
25. 2523-37-7	9H-FLUORENE, 9-METHYL-	13.49	7	NJ
26.	UNKNOWN	13.96	11	J
27. 2531-84-2	PHENANTHRENE, 2-METHYL-	14.91	10	NJ
28. 832-64-4	PHENANTHRENE, 4-METHYL-	14.96	17	NJ
29. 3674-66-6	PHENANTHRENE, 2,5-DIMETHYL-	15.83	17	NJ
30.	UNKNOWN	16.58	12	J

FORM I SV-TIC

OLM04.2

0057

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1416

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1416

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1416

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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.				
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW10

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0149

Matrix: (soil/water) WATER

Lab Sample ID: C0149-05B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S4A4021

Level: (low/med) LOW

Date Received: 02/14/04

% Moisture: _____ Decanted: (Y/N) _____

Date Extracted: 02/16/04

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

Extraction: (Type) CONT

CAS NO.

COMPOUND

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	3	J
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	8	J
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A4021

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/16/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	2	J
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A4021

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/16/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/26/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

Number TICs found: 12

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.53	3	NJ
2.	UNKNOWN	8.35	3	J
3. 90-12-0	NAPHTHALENE, 1-METHYL-	10.08	6	NJ
4. 1127-76-0	NAPHTHALENE, 1-ETHYL-	10.84	2	NJ
5. 575-37-1	NAPHTHALENE, 1,7-DIMETHYL-	10.94	6	NJ
6. 575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	11.07	5	NJ
7. 581-42-0	NAPHTHALENE, 2,6-DIMETHYL-	11.11	4	NJ
8. 2131-42-2	NAPHTHALENE, 1,4,6-TRIMETHYL	11.81	3	NJ
9. 2245-38-7	NAPHTHALENE, 1,6,7-TRIMETHYL	11.96	3	NJ
10. 829-26-5	NAPHTHALENE, 2,3,6-TRIMETHYL	12.03	2	NJ
11. 613-12-7	ANTHRACENE, 2-METHYL-	14.95	2	NJ
12.	UNKNOWN	15.82	3	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW11

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1417

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSBGW11

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0149

Matrix: (soil/water) WATER

Lab Sample ID: C0149-08A

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

Lab File ID: V5F1417

Level: (low/med) LOW

Date Received: 02/14/04

% Moisture: not dec. _____

Date Analyzed: 02/19/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BPSBGW11

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0149

Matrix: (soil/water) WATER Lab Sample ID: C0149-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1417

Level: (low/med) LOW Date Received: 02/14/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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.				
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW11

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-17A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9540

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO. COMPOUND

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW11

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-17A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9540

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	2	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBGW11

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-17A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9540

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.96	4	J
2.				
3.				
4.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1847

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1847

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBGW12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-12A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1847

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	STRAIGHT-CHAIN ALKANE	11.21	10	J
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-12B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9531

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-12B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9531

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	2	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis (2-Ethylhexyl) phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBGW12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-12B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9531

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	UNKNOWN	21.86	4	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW13

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-14A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1848

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW13

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-14A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1848

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBGW13

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-14A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1848

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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
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1.				
2.				
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW13

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-14B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9535

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBGW13

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-14B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9535

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	1	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBGW13

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-14B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9535

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP13026

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1411

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP13026

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1411

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP13026

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1411

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP13026

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0141

Matrix: (soil/water) WATER

Lab Sample ID: C0141-09B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S4A3908

Level: (low/med) LOW

Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____

Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

Extraction: (Type) CONT

CONCENTRATION UNITS:

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP13026

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-09B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3908

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP13026

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-09B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3908

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP14036

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1410

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP14036

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1410

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP14036

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: 0397H SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1410

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/19/04

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

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	17.30	6	J
2.	UNKNOWN	17.45	9	J
3.	UNKNOWN	17.49	6	J
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP14036

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-08B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3907

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP14036

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-08B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3907

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP14036

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-08B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3907

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP15046

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1371

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP15046

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1371

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP15046

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1371

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP15046

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3906

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP15046

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3906

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	1	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP15046

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3906

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.09	2	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP16056

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1370

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP16056

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1370

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP16056

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER

Lab Sample ID: C0141-06A

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

Lab File ID: V5F1370

Level: (low/med) LOW

Date Received: 02/13/04

% Moisture: not dec. _____

Date Analyzed: 02/17/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP16056

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3903

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP16056

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3903

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP16056

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3903

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP17066

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1369

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP17066

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1369

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP17066

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1369

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP17066

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3902

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP17066

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3902

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP17066

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3902

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP18076

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1368

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	1	J
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP18076

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1368

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP18076

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1368

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP18076

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3910

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP18076

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3910

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP18076

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3910

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP19086

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1367

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP19086

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1367

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP19086

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1367

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: not dec. _____ Date Analyzed: 02/17/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP19086

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3911

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP19086

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3911

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP19086

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0141

Matrix: (soil/water) WATER Lab Sample ID: C0141-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S4A3911

Level: (low/med) LOW Date Received: 02/13/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 02/13/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/19/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP22016

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1846

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP22016

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1846

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	44	
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	1	J
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	11	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP22016

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1846

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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: 30

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.65	48	J
2.	CYCLIC ALKANE	10.00	18	J
3.	BRANCHED ALKANE	10.22	40	J
4.	UNKNOWN	10.28	24	J
5.	UNKNOWN	10.38	74	J
6.	UNKNOWN	10.56	37	J
7.	UNKNOWN	10.76	24	J
8.	BRANCHED ALKANE	10.79	18	J
9.	UNKNOWN	10.89	41	J
10. 103-65-1	BENZENE, PROPYL-	10.99	47	NJ
11. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.09	510	NJ
12. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	11.19	540	NJ
13. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.44	350	NJ
14.	UNKNOWN	11.57	27	J
15. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	11.65	660	NJ
16. 135-98-8	BENZENE, (1-METHYLPROPYL) -	11.84	58	NJ
17. 99-87-6	BENZENE, 1-METHYL-4-(1-METHY	11.96	160	NJ
18. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	12.03	66	NJ
19. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	12.15	400	NJ
20. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	12.28	43	NJ
21. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	12.43	150	NJ
22. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	12.49	220	NJ
23. 135-01-3	BENZENE, 1,2-DIETHYL-	12.63	46	NJ
24. 1074-17-5	BENZENE, 1-METHYL-2-PROPYL-	12.72	100	NJ
25. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	12.83	75	NJ
26. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	12.87	71	NJ
27. 1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	12.96	66	NJ
28. 7525-62-4	BENZENE, 1-ETHENYL-3-ETHYL-	13.10	65	NJ
29. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	13.33	28	NJ
30. 76089-59-3	1,3-CYCLOPENTADIENE, 1,2,3,4	13.51	15	NJ

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP22016

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-10B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9541

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP22016

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-10B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9541

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	2	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	1	J
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	13	
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP22016

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-10B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9541

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/02/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

Number TICs found: 30

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 103-65-1	BENZENE, PROPYL-	5.89	63	NJ
2. 622-96-8	BENZENE, 1-ETHYL-4-METHYL-	6.04	190	NJ
3. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.17	120	NJ
4. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	6.30	130	NJ
5.	UNKNOWN	6.39	39	J
6. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.57	270	NJ
7.	UNKNOWN	6.77	66	J
8.	UNKNOWN	6.86	5	J
9.	UNKNOWN	6.92	110	J
10. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.96	110	NJ
11.	UNKNOWN	7.24	12	J
12. 141-93-5	BENZENE, 1,3-DIETHYL-	7.28	40	NJ
13. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.34	54	NJ
14.	UNKNOWN	7.38	19	J
15. 1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	7.44	100	NJ
16.	UNKNOWN	7.49	40	J
17. 1074-55-1	BENZENE, 1-METHYL-4-PROPYL-	7.54	52	NJ
18. 1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	7.67	26	NJ
19. 874-41-9	BENZENE, 1-ETHYL-2,4-DIMETHY	7.72	28	NJ
20. 2870-04-4	BENZENE, 2-ETHYL-1,3-DIMETHY	7.81	42	NJ
21.	UNKNOWN	8.01	7	J
22. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	8.06	11	NJ
23.	UNKNOWN	8.17	8	J
24. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	8.23	6	NJ
25. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	8.28	13	NJ
26. 2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	8.46	8	NJ
27. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	8.69	11	NJ
28. 119-64-2	NAPHTHALENE, 1,2,3,4-TETRAHY	8.85	8	NJ
29.	UNKNOWN	11.88	4	J
30. 10544-50-0	CYCLIC OCTAATOMIC SULFUR	18.06	3	NJ

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP23026

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1845

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP23026

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1845

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	2	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP23026

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1845

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.38	7	J
2.	CYCLIC ALKANE	10.89	6	J
3.	UNKNOWN	11.16	5	J
4.	STRAIGHT-CHAIN ALKANE	11.21	9	J
5. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	11.65	5	NJ
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP23026

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-09B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9530

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP23026

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-09B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9530

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	2	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	3	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP23026

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-09B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9530

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 8

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.84	5	J
2.	UNKNOWN	5.96	8	J
3.	UNKNOWN	6.01	8	J
4.	UNKNOWN	6.34	4	J
5.	UNKNOWN	6.95	2	J
6. 933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	7.39	2	NJ
7.	UNKNOWN	7.47	3	J
8.	UNKNOWN	21.86	4	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP24036

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1844

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO. COMPOUND

75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP24036

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1844

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	2	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP24036

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1844

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.38	8	J
2.	CYCLIC ALKANE	10.88	6	J
3.	UNKNOWN	11.16	5	J
4.	STRAIGHT-CHAIN ALKANE	11.21	9	J
5. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	11.64	5	NJ
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP24036

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-08B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9529

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP24036

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-08B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9529

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	3	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	3	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP24036

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-08B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9529

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 6 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.85	5	J
2.	UNKNOWN	5.96	7	J
3.	UNKNOWN	6.02	7	J
4.	UNKNOWN	6.11	5	J
5.	UNKNOWN	6.34	4	J
6.	UNKNOWN	7.47	3	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP25046

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1843

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP25046

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0265

Matrix: (soil/water) WATER

Lab Sample ID: C0265-07A

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

Lab File ID: V5F1843

Level: (low/med) LOW

Date Received: 03/31/04

% Moisture: not dec. _____

Date Analyzed: 04/02/04

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

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	2	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP25046

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1843

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.38	7	J
2.	CYCLIC ALKANE	10.88	6	J
3.	STRAIGHT-CHAIN ALKANE	11.21	10	J
4. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	11.64	5	NJ
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP25046

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9528

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u> Q
100-52-7	Benzaldehyde	10 U
108-95-2	Phenol	10 U
111-44-4	bis(2-Chloroethyl) Ether	10 U
95-57-8	2-Chlorophenol	10 U
95-48-7	2-Methylphenol	10 U
108-60-1	2,2'-oxybis(1-Chloropropane)	10 U
98-86-2	Acetophenone	10 U
106-44-5	4-Methylphenol	10 U
621-64-7	N-Nitroso-di-n-propylamine	10 U
67-72-1	Hexachloroethane	10 U
98-95-3	Nitrobenzene	10 U
78-59-1	Isophorone	10 U
88-75-5	2-Nitrophenol	10 U
105-67-9	2,4-Dimethylphenol	10 U
111-91-1	bis(2-Chloroethoxy) methane	10 U
120-83-2	2,4-Dichlorophenol	10 U
91-20-3	Naphthalene	10 U
106-47-8	4-Chloroaniline	10 U
87-68-3	Hexachlorobutadiene	10 U
105-60-2	Caprolactam	10 U
59-50-7	4-Chloro-3-Methylphenol	10 U
91-57-6	2-Methylnaphthalene	10 U
77-47-4	Hexachlorocyclopentadiene	10 U
88-06-2	2,4,6-Trichlorophenol	10 U
95-95-4	2,4,5-Trichlorophenol	25 U
92-52-4	1,1'-Biphenyl	10 U
91-58-7	2-Chloronaphthalene	10 U
88-74-4	2-Nitroaniline	25 U
131-11-3	Dimethylphthalate	10 U
606-20-2	2,6-Dinitrotoluene	10 U
208-96-8	Acenaphthylene	10 U
99-09-2	3-Nitroaniline	25 U
83-32-9	Acenaphthene	10 U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP25046

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9528

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	2	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	3	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP25046

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9528

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 12

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	UNKNOWN	5.86	6	J
2.	UNKNOWN	5.96	9	J
3.	UNKNOWN	6.02	10	J
4.	UNKNOWN	6.12	7	J
5.	UNKNOWN	6.34	5	J
6.	UNKNOWN	6.72	2	J
7.	UNKNOWN	6.95	3	J
8.	UNKNOWN	7.25	2	J
9.	UNKNOWN	7.39	3	J
10.	UNKNOWN	7.47	4	J
11.	UNKNOWN	20.14	5	J
12.	UNKNOWN	21.86	5	J
13.				
14.				
15.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP26056

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1842

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP26056

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1842

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO. COMPOUND

79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	3	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP26056

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1842

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 7 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	CYCLIC ALKANE	10.36	10	J
2.	UNKNOWN	10.88	9	J
3.	UNKNOWN	11.12	7	J
4.	UNKNOWN	11.21	17	J
5.	UNKNOWN	11.43	7	J
6. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	11.64	11	NJ
7. 874-41-9	BENZENE, 1-ETHYL-2,4-DIMETHY	12.50	6	NJ
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP26056

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9527

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP26056

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9527

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	2	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP26056

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-06B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9527

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 16

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.63	4	J
2.	UNKNOWN	5.85	6	J
3.	UNKNOWN	5.96	10	J
4.	UNKNOWN	6.01	10	J
5.	UNKNOWN	6.12	7	J
6.	UNKNOWN	6.34	6	J
7. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	6.49	5	NJ
8.	UNKNOWN	6.72	7	J
9.	UNKNOWN	6.86	11	J
10.	UNKNOWN	6.95	4	J
11.	UNKNOWN	7.09	5	J
12. 141-93-5	BENZENE, 1,3-DIETHYL-	7.25	2	NJ
13. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.31	2	NJ
14. 1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	7.39	4	NJ
15. 493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	7.47	3	NJ
16.	UNKNOWN	20.16	2	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP27066

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1841

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP27066

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1841

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	4	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP27066

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1841

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 10 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	CYCLIC ALKANE	10.36	11	J
2.	CYCLIC ALKANE	10.88	10	J
3. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.09	5	NJ
4. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	11.20	25	NJ
5. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.44	14	NJ
6. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	11.64	23	NJ
7. 535-77-3	BENZENE, 1-METHYL-3-(1-METHY	11.96	9	NJ
8. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	12.15	10	NJ
9. 1074-17-5	BENZENE, 1-METHYL-2-PROPYL-	12.42	7	NJ
10. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	12.50	12	NJ
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP27066

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9526

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP27066

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-05B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9526

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	3	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP27066

Lab Name: MITKEM CORPORATION Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265
 Matrix: (soil/water) WATER Lab Sample ID: C0265-05B
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9526
 Level: (low/med) LOW Date Received: 03/31/04
 % Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 17

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.54	12	J
2.	UNKNOWN	5.63	4	J
3.	UNKNOWN	5.85	9	J
4.	UNKNOWN	5.98	28	J
5. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	6.11	13	NJ
6.	UNKNOWN	6.34	7	J
7. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	6.50	12	NJ
8.	UNKNOWN	6.72	9	J
9.	UNKNOWN	6.86	10	J
10. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.89	5	NJ
11. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	6.95	4	NJ
12.	UNKNOWN	7.26	3	J
13. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.30	4	NJ
14. 934-74-7	BENZENE, 1-ETHYL-3,5-DIMETHY	7.39	10	NJ
15. 493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	7.47	5	NJ
16. 934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	7.65	2	NJ
17. 99-87-6	BENZENE, 1-METHYL-4-(1-METHY	7.69	2	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP28076

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1840

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	1	J
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP28076

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1840

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	2	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP28076

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1840

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 5 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.38	6	J
2.	CYCLIC ALKANE	10.88	5	J
3.	UNKNOWN	11.21	15	J
4. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.43	6	NJ
5. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	11.64	10	NJ
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP28076

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9525

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

CAS NO. COMPOUND

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

100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP28076

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9525

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	2	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP28076

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9525

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 12

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.84	6	J
2.	UNKNOWN	5.96	10	J
3. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.11	7	NJ
4.	UNKNOWN	6.34	5	J
5. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.49	5	NJ
6.	UNKNOWN	6.72	5	J
7.	UNKNOWN	6.86	6	J
8. 99-87-6	BENZENE, 1-METHYL-4-(1-METHY	6.95	2	NJ
9. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.30	2	NJ
10. 934-74-7	BENZENE, 1-ETHYL-3,5-DIMETHY	7.39	4	NJ
11. 91-17-8	NAPHTHALENE, DECAHYDRO-	7.47	3	NJ
12.	UNKNOWN	20.16	3	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP29086

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1839

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	2	J
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP29086

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1839

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	2	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP29086

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1839

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: not dec. _____ Date Analyzed: 04/02/04

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

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 8 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.38	6	J
2. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.09	13	NJ
3. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	11.19	18	NJ
4. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.44	9	NJ
5. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	11.64	18	NJ
6. 535-77-3	BENZENE, 1-METHYL-3-(1-METHY	11.96	5	NJ
7. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	12.15	8	NJ
8. 99-87-6	BENZENE, 1-METHYL-4-(1-METHY	12.50	6	NJ
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP29086

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9524

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GWVP29086

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9524

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO. COMPOUND

51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	2	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	2	J
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GWVP29086

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0265

Matrix: (soil/water) WATER Lab Sample ID: C0265-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9524

Level: (low/med) LOW Date Received: 03/31/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 03/31/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/01/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 12

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 87-61-6	BENZENE, 1,2,3-TRICHLORO-	5.85	5	NJ
2. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	5.99	18	NJ
3. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.12	9	NJ
4.	UNKNOWN	6.34	3	J
5. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	6.49	9	NJ
6.	UNKNOWN	6.72	2	J
7.	UNKNOWN	6.86	5	J
8. 622-96-8	BENZENE, 1-ETHYL-4-METHYL-	6.89	5	NJ
9. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	6.95	2	NJ
10. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.31	2	NJ
11. 1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	7.39	5	NJ
12.	UNKNOWN	7.47	2	J
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1998

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: not dec. _____ Date Analyzed: 04/13/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	7	J
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	5	J
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-4

Lab Name: MITKEM CORPORATION

Contract: _____

Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: C0292

Matrix: (soil/water) WATER

Lab Sample ID: C0292-04A

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

Lab File ID: V5F1998

Level: (low/med) LOW

Date Received: 04/07/04

% Moisture: not dec. _____

Date Analyzed: 04/13/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	22	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	4	J
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	32	
1330-20-7	Xylene (Total)	310	
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	40	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BP-4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1998

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: not dec. _____ Date Analyzed: 04/13/04

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

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 30 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.28	16	J
2.	CYCLIC ALKANE	10.36	26	J
3.	UNKNOWN	10.56	11	J
4.	UNKNOWN	10.76	17	J
5.	UNKNOWN	10.89	23	J
6. 103-65-1	BENZENE, PROPYL-	10.98	110	NJ
7. 611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.09	660	NJ
8. 108-67-8	BENZENE, 1,3,5-TRIMETHYL-	11.19	460	NJ
9.	UNKNOWN	11.44	460	J
10.	UNKNOWN	11.59	15	J
11.	UNKNOWN	11.65	820	J
12.	UNKNOWN	11.81	26	J
13. 1074-55-1	BENZENE, 1-METHYL-4-PROPYL-	11.85	47	NJ
14. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	11.97	94	NJ
15. 535-77-3	BENZENE, 1-METHYL-3-(1-METHY	12.03	44	NJ
16. 526-73-8	BENZENE, 1,2,3-TRIMETHYL-	12.16	550	NJ
17. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	12.28	27	NJ
18. 637-50-3	BENZENE, 1-PROPENYL-	12.39	230	NJ
19. 1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	12.50	130	NJ
20. 135-01-3	BENZENE, 1,2-DIETHYL-	12.63	31	NJ
21. 1074-55-1	BENZENE, 1-METHYL-4-PROPYL-	12.72	68	NJ
22. 99-87-6	BENZENE, 1-METHYL-4-(1-METHY	12.83	62	NJ
23. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	12.87	68	NJ
24. 1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	12.95	64	NJ
25. 824-63-5	1H-INDENE, 2,3-DIHYDRO-2-MET	13.01	22	NJ
26. 824-90-8	1-PHENYL-1-BUTENE	13.10	63	NJ
27. 933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	13.33	33	NJ
28. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	13.45	20	NJ
29. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	13.51	28	NJ
30.	UNKNOWN	14.03	41	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9696

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 04/08/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/14/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	18	
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	1	J
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9696

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 04/08/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/14/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	1	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	18	B
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BP-4

Lab Name: MITKEM CORPORATION Contract: _____
 Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292
 Matrix: (soil/water) WATER Lab Sample ID: C0292-04B
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9696
 Level: (low/med) LOW Date Received: 04/07/04
 % Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 04/08/04
 Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/14/04
 Injection Volume: 2.0 (uL) Dilution Factor: 1.0
 GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

Number TICs found: 30

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 103-65-1	BENZENE, PROPYL-	5.58	41	NJ
2. 622-96-8	BENZENE, 1-ETHYL-4-METHYL-	5.76	76	NJ
3. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	5.85	160	NJ
4. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	6.26	650	NJ
5. 1074-55-1	BENZENE, 1-METHYL-4-PROPYL-	6.42	27	NJ
6. 95-63-6	BENZENE, 1,2,4-TRIMETHYL-	6.64	340	NJ
7.	UNKNOWN	6.80	49	J
8. 1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	7.00	34	NJ
9. 934-74-7	BENZENE, 1-ETHYL-3,5-DIMETHY	7.09	65	NJ
10.	UNKNOWN	7.35	31	J
11. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	7.39	26	NJ
12.	UNKNOWN	7.44	10	J
13. 527-84-4	BENZENE, 1-METHYL-2-(1-METHY	7.53	8	NJ
14. 874-41-9	BENZENE, 1-ETHYL-2,4-DIMETHY	7.73	13	NJ
15. 95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	7.96	10	NJ
16.	UNKNOWN	8.21	10	J
17. 934-74-7	BENZENE, 1-ETHYL-3,5-DIMETHY	8.37	28	NJ
18. 119-64-2	NAPHTHALENE, 1,2,3,4-TETRAHY	8.53	10	NJ
19.	UNKNOWN	8.74	21	J
20.	UNKNOWN	8.92	6	J
21.	UNKNOWN	9.42	38	J
22.	UNKNOWN	9.79	7	J
23.	UNKNOWN	9.89	9	J
24. 5651-47-8	BENZOIC ACID, 3-(1-METHYLETH	11.48	6	NJ
25.	UNKNOWN	11.68	6	J
26.	UNKNOWN	12.18	13	J
27.	UNKNOWN	16.07	7	J
28. 2315-61-9	ETHANOL, 2-[2-[4-(1,1,3,3-TE	18.17	13	NJ
29.	UNKNOWN	20.22	23	J
30.	UNKNOWN	22.03	29	J

1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-04B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5B6554F

% Moisture: _____ Decanted: (Y/N) _____ Date Received: 04/07/04

Extraction: (Type) SEPF Date Extracted: 04/08/04

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/16/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

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

CAS NO. COMPOUND

319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM 1
HERB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BP-4

Lab Name: MITKEM CORPORATION Contract:
Lab Code: MITKEM Case No.: SAS No.: SDG No.: C0292
Matrix: (soil/water) WATER Lab Sample ID: C0292-04B
Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3E6794F
% Moisture: _____ decanted: (Y/N) _____ Date Received: 04/07/04
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 04/12/04
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/22/04
Injection Volume: 1.0 (uL) Dilution Factor: 2.0
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-99-0-----	Dalapon	5.0	U
1918-00-9-----	Dicamba	0.20	U
93-65-2-----	MCP	200	P
94-74-6-----	MCPA	500	P
120-36-5-----	Dichlorprop	2.0	U
94-75-7-----	2,4-D	2.0	U
93-72-1-----	2,4,5-TP (Silvex)	0.20	U
93-76-5-----	2,4,5-T	0.20	U
94-82-6-----	2,4-DB	2.0	U
88-85-7-----	Dinoseb	1.0	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BP-4

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0292Matrix (soil/water): WATERLab Sample ID: C0292-04Level (low/med): MEDDate Received: 04/07/04% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17.9	B		P
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	46.0	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	73100			P
7440-47-3	Chromium	0.80	B		P
7440-48-4	Cobalt	0.30	U		P
7440-50-8	Copper	0.90	U		P
7439-89-6	Iron	170			P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	6370			P
7439-96-5	Manganese	77.5			P
7440-02-0	Nickel	1.8	B		P
7440-09-7	Potassium	6520			P
7782-49-2	Selenium	4.0	U	N	P
7440-22-4	Silver	0.40	U		P
7440-23-5	Sodium	22800			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	1.8	B		P
7440-66-6	Zinc	2.0	U		P
7439-97-6	Mercury	0.16	U		CV
	Cyanide	4.2	B		CA

Color Before: YELLOW Clarity Before: CLOUDY

Texture: _____

Color After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1997

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: not dec. _____ Date Analyzed: 04/13/04

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

CAS NO. COMPOUND

75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	10	U
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1997

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: not dec. _____ Date Analyzed: 04/13/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BP-6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1997

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: not dec. _____ Date Analyzed: 04/13/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9695

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 04/08/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/14/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9695

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 04/08/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/14/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	1	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	20	B
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BP-6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9695

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 04/08/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/14/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-6

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5B6553F

% Moisture: _____ Decanted: (Y/N) _____ Date Received: 04/07/04

Extraction: (Type) SEPF Date Extracted: 04/08/04

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/16/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND

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

319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM 1
HERB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BP-6

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0292

Matrix: (soil/water) WATER

Lab Sample ID: C0292-03B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: E3E6787F

% Moisture: _____ decanted: (Y/N) _____

Date Received: 04/07/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 04/12/04

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 04/21/04

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: _____

Sulfur Cleanup: (Y/N) N

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

75-99-0-----	Dalapon	2.5	U
1918-00-9-----	Dicamba	0.10	U
93-65-2-----	MCP	100	U
94-74-6-----	MCPA	100	U
120-36-5-----	Dichlorprop	1.0	U
94-75-7-----	2,4-D	1.0	U
93-72-1-----	2,4,5-TP (Silvex)	0.10	U
93-76-5-----	2,4,5-T	0.10	U
94-82-6-----	2,4-DB	1.0	U
88-85-7-----	Dinoseb	0.50	U

U.S. EPA - CLP

1

EPA SAMPLE NO

INORGANIC ANALYSIS DATA SHEET

BP-6

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0292Matrix (soil/water): WATERLab Sample ID: C0292-03Level (low/med): MEDDate Received: 04/07/04% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	38.2	B		P
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	13.0	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	16900			P
7440-47-3	Chromium	0.40	U		P
7440-48-4	Cobalt	0.30	U		P
7440-50-8	Copper	2.5	B		P
7439-89-6	Iron	84.2	B		P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	2580	B		P
7439-96-5	Manganese	2.6	B		P
7440-02-0	Nickel	0.94	B		P
7440-09-7	Potassium	3640	B		P
7782-49-2	Selenium	4.0	U	N	P
7440-22-4	Silver	0.40	U		P
7440-23-5	Sodium	13000			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	17.9	B		P
7439-97-6	Mercury	0.14	U		CV
	Cyanide	3.0	U		CA

Color Before: COLORLES Clarity Before: CLEAR

Texture: _____

Color After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-MW-1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1996

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: not dec. _____ Date Analyzed: 04/13/04

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

CAS NO.	COMPOUND		
75-71-8	Dichlorodifluoromethane	10	U
74-87-3	Chloromethane	10	U
75-01-4	Vinyl Chloride	10	U
74-83-9	Bromomethane	10	U
75-00-3	Chloroethane	10	U
75-69-4	Trichlorofluoromethane	10	U
75-35-4	1,1-Dichloroethene	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
79-20-9	Methyl Acetate	10	U
75-09-2	Methylene Chloride	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl tert-Butyl Ether	1	J
75-34-3	1,1-Dichloroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
71-55-6	1,1,1-Trichloroethane	10	U
110-82-7	Cyclohexane	10	U
56-23-5	Carbon Tetrachloride	10	U
71-43-2	Benzene	10	U
107-06-2	1,2-Dichloroethane	10	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-MW-1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1996

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: not dec. _____ Date Analyzed: 04/13/04

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

CAS NO.	COMPOUND		
79-01-6	Trichloroethene	10	U
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
127-18-4	Tetrachloroethene	10	U
591-78-6	2-Hexanone	10	U
124-48-1	Dibromochloromethane	10	U
106-93-4	1,2-Dibromoethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
1330-20-7	Xylene (Total)	10	U
100-42-5	Styrene	10	U
75-25-2	Bromoform	10	U
98-82-8	Isopropylbenzene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U

1F
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BP-MW-1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5F1996

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: not dec. _____ Date Analyzed: 04/13/04

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
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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-MW-1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9694

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 04/08/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/14/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl) Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U

1D
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-MW-1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9694

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 04/08/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/14/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

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

CAS NO.	COMPOUND		
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo (a) anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	20	B
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo (b) fluoranthene	10	U
207-08-9	Benzo (k) fluoranthene	10	U
50-32-8	Benzo (a) pyrene	10	U
193-39-5	Indeno (1,2,3-cd) pyrene	10	U
53-70-3	Dibenzo (a,h) anthracene	10	U
191-24-2	Benzo (g,h,i) perylene	10	U

(1) - Cannot be separated from Diphenylamine

1G
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BP-MW-1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S2D9694

Level: (low/med) LOW Date Received: 04/07/04

% Moisture: _____ Decanted: (Y/N) _____ Date Extracted: 04/08/04

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/14/04

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Extraction: (Type) CONT

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1E
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BP-MW-1

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: C0292

Matrix: (soil/water) WATER Lab Sample ID: C0292-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5B6552F

% Moisture: _____ Decanted: (Y/N) _____ Date Received: 04/07/04

Extraction: (Type) SEPF Date Extracted: 04/08/04

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 04/16/04

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND		
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM 1
HERB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BP-MW-1

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0292

Matrix: (soil/water) WATER

Lab Sample ID: C0292-02B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: E3E6786F

% Moisture: _____ decanted: (Y/N) _____

Date Received: 04/07/04

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 04/12/04

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 04/21/04

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Sulfur Cleanup: (Y/N) N

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

75-99-0-----	Dalapon	2.5	U
1918-00-9-----	Dicamba	0.10	U
93-65-2-----	MCP	100	U
94-74-6-----	MCPA	100	U
120-36-5-----	Dichlorprop	1.0	U
94-75-7-----	2,4-D	1.0	U
93-72-1-----	2,4,5-TP (Silvex)	0.10	U
93-76-5-----	2,4,5-T	0.10	U
94-82-6-----	2,4-DB	1.0	U
88-85-7-----	Dinoseb	0.50	U

U.S. EPA - CLP

1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO

BP-MW-1

Lab Name: Mitkem CorporationContract: 2150-02Lab Code: MITKEM

Case No.

SAS No.:

SDG No.: MC0292Matrix (soil/water): WATERLab Sample ID: C0292-02Level (low/med): MEDDate Received: 04/07/04% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	466			P
7440-36-0	Antimony	3.0	U		P
7440-38-2	Arsenic	3.0	U		P
7440-39-3	Barium	20.7	B		P
7440-41-7	Beryllium	0.30	U		P
7440-43-9	Cadmium	0.34	B		P
7440-70-2	Calcium	15200			P
7440-47-3	Chromium	0.40	U		P
7440-48-4	Cobalt	2.4	B		P
7440-50-8	Copper	10.1	B		P
7439-89-6	Iron	5.1	B		P
7439-92-1	Lead	2.0	U		P
7439-95-4	Magnesium	3890	B		P
7439-96-5	Manganese	1170			P
7440-02-0	Nickel	3.1	B		P
7440-09-7	Potassium	3770	B		P
7782-49-2	Selenium	4.0	U	N	P
7440-22-4	Silver	0.74	B		P
7440-23-5	Sodium	12800			P
7440-28-0	Thallium	3.0	U		P
7440-62-2	Vanadium	0.71	B		P
7440-66-6	Zinc	96.2			P
7439-97-6	Mercury	0.14	U		CV
	Cyanide	4.0	B		CA

Color Before: COLORLES Clarity Before: CLEAR

Texture: _____

Color After: COLORLES Clarity After: CLEAR

Artifacts: _____

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSV14

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0132

Matrix: (soil/water) AIR

Lab Sample ID: C0132-01A

Sample wt/vol: 25 (g/mL) ML

Lab File ID: V1G0175

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: not dec.

Date Analyzed: 02/16/04

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) MG/M3		Q
74-87-3	Chloromethane	1	U	
75-01-4	Vinyl Chloride	1	U	
74-83-9	Bromomethane	1	U	
75-00-3	Chloroethane	1	U	
75-35-4	1,1-Dichloroethene	1	U	
67-64-1	Acetone	1	U	
75-15-0	Carbon Disulfide	1	U	
75-09-2	Methylene Chloride	1	U	
156-60-5	trans-1,2-Dichloroethene	1	U	
1634-04-4	Methyl tert-butyl ether	1	U	
75-34-3	1,1-Dichloroethane	1	U	
78-93-3	2-Butanone	1	U	
156-59-2	cis-1,2-Dichloroethene	1	U	
67-66-3	Chloroform	1	U	
71-55-6	1,1,1-Trichloroethane	1	U	
56-23-5	Carbon Tetrachloride	1	U	
107-06-2	1,2-Dichloroethane	1	U	
71-43-2	Benzene	1	U	
79-01-6	Trichloroethene	1	U	
78-87-5	1,2-Dichloropropane	1	U	
75-27-4	Bromodichloromethane	1	U	
10061-01-5	cis-1,3-Dichloropropene	1	U	
108-10-1	4-Methyl-2-pentanone	1	U	
108-88-3	Toluene	1	U	
10061-02-6	trans-1,3-Dichloropropene	1	U	
79-00-5	1,1,2-Trichloroethane	1	U	
127-18-4	Tetrachloroethene	1	U	
591-78-6	2-Hexanone	1	U	
124-48-1	Dibromochloromethane	1	U	
108-90-7	Chlorobenzene	1	U	
100-41-4	Ethylbenzene	1	U	
	m,p-Xylene	0.3	J	
95-47-6	o-Xylene	1	U	
1330-20-7	Xylene (Total)	0.3	J	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSV14

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0132

Matrix: (soil/water) AIR

Lab Sample ID: C0132-01A

Sample wt/vol: 25 (g/mL) ML

Lab File ID: V1G0175

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: not dec.

Date Analyzed: 02/16/04

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) MG/M3

Q

100-42-5-----	Styrene	1	U
75-25-2-----	Bromoform	1	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSV24

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0132

Matrix: (soil/water) AIR

Lab Sample ID: C0132-02A

Sample wt/vol: 25 (g/mL) ML

Lab File ID: V1G0176

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: not dec.

Date Analyzed: 02/16/04

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) MG/M3	Q

74-87-3-----	Chloromethane	1	U
75-01-4-----	Vinyl Chloride	1	U
74-83-9-----	Bromomethane	1	U
75-00-3-----	Chloroethane	1	U
75-35-4-----	1,1-Dichloroethene	1	U
67-64-1-----	Acetone	1	U
75-15-0-----	Carbon Disulfide	1	U
75-09-2-----	Methylene Chloride	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
1634-04-4-----	Methyl tert-butyl ether	1	U
75-34-3-----	1,1-Dichloroethane	1	U
78-93-3-----	2-Butanone	1	U
156-59-2-----	cis-1,2-Dichloroethene	1	U
67-66-3-----	Chloroform	1	U
71-55-6-----	1,1,1-Trichloroethane	1	U
56-23-5-----	Carbon Tetrachloride	1	U
107-06-2-----	1,2-Dichloroethane	1	U
71-43-2-----	Benzene	1	U
79-01-6-----	Trichloroethene	1	U
78-87-5-----	1,2-Dichloropropane	1	U
75-27-4-----	Bromodichloromethane	1	U
10061-01-5-----	cis-1,3-Dichloropropene	1	U
108-10-1-----	4-Methyl-2-pentanone	1	U
108-88-3-----	Toluene	1	U
10061-02-6-----	trans-1,3-Dichloropropene	1	U
79-00-5-----	1,1,2-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	1	U
591-78-6-----	2-Hexanone	1	U
124-48-1-----	Dibromochloromethane	1	U
108-90-7-----	Chlorobenzene	1	U
100-41-4-----	Ethylbenzene	1	U
-----	m,p-Xylene	1	U
95-47-6-----	o-Xylene	1	U
1330-20-7-----	Xylene (Total)	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSV24

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: C0132

Matrix: (soil/water) AIR

Lab Sample ID: C0132-02A

Sample wt/vol: 25__ (g/mL) ML

Lab File ID: V1G0176

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: not dec. _____

Date Analyzed: 02/16/04

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) MG/M3

Q

100-42-5-----Styrene	1	U
75-25-2-----Bromoform	1	U
79-34-5-----1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSV34

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0132

Matrix: (soil/water) AIR

Lab Sample ID: C0132-03A

Sample wt/vol: 25 (g/mL) ML

Lab File ID: V1G0177

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: not dec.

Date Analyzed: 02/16/04

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) MG/M3	Q
74-87-3	Chloromethane	1 U	
75-01-4	Vinyl Chloride	1 U	
74-83-9	Bromomethane	1 U	
75-00-3	Chloroethane	1 U	
75-35-4	1,1-Dichloroethene	1 U	
67-64-1	Acetone	1 U	
75-15-0	Carbon Disulfide	1 U	
75-09-2	Methylene Chloride	1 U	
156-60-5	trans-1,2-Dichloroethene	1 U	
1634-04-4	Methyl tert-butyl ether	1 U	
75-34-3	1,1-Dichloroethane	1 U	
78-93-3	2-Butanone	1 U	
156-59-2	cis-1,2-Dichloroethene	1 U	
67-66-3	Chloroform	1 U	
71-55-6	1,1,1-Trichloroethane	1 U	
56-23-5	Carbon Tetrachloride	1 U	
107-06-2	1,2-Dichloroethane	1 U	
71-43-2	Benzene	1 U	
79-01-6	Trichloroethene	1 U	
78-87-5	1,2-Dichloropropane	1 U	
75-27-4	Bromodichloromethane	1 U	
10061-01-5	cis-1,3-Dichloropropene	1 U	
108-10-1	4-Methyl-2-pentanone	1 U	
108-88-3	Toluene	1 U	
10061-02-6	trans-1,3-Dichloropropene	1 U	
79-00-5	1,1,2-Trichloroethane	1 U	
127-18-4	Tetrachloroethene	1 U	
591-78-6	2-Hexanone	1 U	
124-48-1	Dibromochloromethane	1 U	
108-90-7	Chlorobenzene	1 U	
100-41-4	Ethylbenzene	1 U	
	m,p-Xylene	1 U	
95-47-6	o-Xylene	1 U	
1330-20-7	Xylene (Total)	1 U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSV34

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: C0132

Matrix: (soil/water) AIR

Lab Sample ID: C0132-03A

Sample wt/vol: 25 (g/mL) ML

Lab File ID: V1G0177

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: not dec. _____

Date Analyzed: 02/16/04

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) MG/M3	Q

100-42-5-----	Styrene	1	U
75-25-2-----	Bromoform	1	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSV44

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0132

Matrix: (soil/water) AIR

Lab Sample ID: C0132-04A

Sample wt/vol: 25 (g/mL) ML

Lab File ID: V1G0178

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: not dec.

Date Analyzed: 02/16/04

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) MG/M3	Q

74-87-3-----	Chloromethane	1	U
75-01-4-----	Vinyl Chloride	1	U
74-83-9-----	Bromomethane	1	U
75-00-3-----	Chloroethane	1	U
75-35-4-----	1,1-Dichloroethene	1	U
67-64-1-----	Acetone	1	U
75-15-0-----	Carbon Disulfide	1	U
75-09-2-----	Methylene Chloride	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
1634-04-4-----	Methyl tert-butyl ether	1	U
75-34-3-----	1,1-Dichloroethane	1	U
78-93-3-----	2-Butanone	1	U
156-59-2-----	cis-1,2-Dichloroethene	1	U
67-66-3-----	Chloroform	1	U
71-55-6-----	1,1,1-Trichloroethane	1	U
56-23-5-----	Carbon Tetrachloride	1	U
107-06-2-----	1,2-Dichloroethane	1	U
71-43-2-----	Benzene	1	U
79-01-6-----	Trichloroethene	1	U
78-87-5-----	1,2-Dichloropropane	1	U
75-27-4-----	Bromodichloromethane	1	U
10061-01-5-----	cis-1,3-Dichloropropene	1	U
108-10-1-----	4-Methyl-2-pentanone	1	U
108-88-3-----	Toluene	1	U
10061-02-6-----	trans-1,3-Dichloropropene	1	U
79-00-5-----	1,1,2-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	1	U
591-78-6-----	2-Hexanone	1	U
124-48-1-----	Dibromochloromethane	1	U
108-90-7-----	Chlorobenzene	1	U
100-41-4-----	Ethylbenzene	1	U
-----	m,p-Xylene	1	U
95-47-6-----	o-Xylene	1	U
1330-20-7-----	Xylene (Total)	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSV44

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0132

Matrix: (soil/water) AIR

Lab Sample ID: C0132-04A

Sample wt/vol: 25 (g/mL) ML

Lab File ID: V1G0178

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: not dec. _____

Date Analyzed: 02/16/04

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) MG/M3	Q

100-42-5-----	Styrene	1	U
75-25-2-----	Bromoform	1	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSV515

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0132

Matrix: (soil/water) AIR

Lab Sample ID: C0132-05A

Sample wt/vol: 25 (g/mL) ML

Lab File ID: V1G0179

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: not dec.

Date Analyzed: 02/16/04

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) MG/M3 Q

74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	1	U
74-83-9	Bromomethane	1	U
75-00-3	Chloroethane	1	U
75-35-4	1,1-Dichloroethene	1	U
67-64-1	Acetone	1	U
75-15-0	Carbon Disulfide	1	U
75-09-2	Methylene Chloride	1	U
156-60-5	trans-1,2-Dichloroethene	1	U
1634-04-4	Methyl tert-butyl ether	1	U
75-34-3	1,1-Dichloroethane	1	U
78-93-3	2-Butanone	1	U
156-59-2	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
107-06-2	1,2-Dichloroethane	1	U
71-43-2	Benzene	1	U
79-01-6	Trichloroethene	1	U
78-87-5	1,2-Dichloropropane	1	U
75-27-4	Bromodichloromethane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
108-10-1	4-Methyl-2-pentanone	1	U
108-88-3	Toluene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
79-00-5	1,1,2-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
591-78-6	2-Hexanone	1	U
124-48-1	Dibromochloromethane	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
	m,p-Xylene	1	U
95-47-6	o-Xylene	1	U
1330-20-7	Xylene (Total)	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BPSV515

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: C0132

Matrix: (soil/water) AIR

Lab Sample ID: C0132-05A

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

Lab File ID: V1G0179

Level: (low/med) LOW

Date Received: 02/11/04

% Moisture: not dec. _____

Date Analyzed: 02/16/04

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) MG/M3	Q

100-42-5-----	Styrene	1	U
75-25-2-----	Bromoform	1	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1	U

Appendix E



APPENDIX E

DATA VALIDATION FORMS



DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella 

Date of Review: 4/1/04

I. Data Deliverable Requirements

A. Legible	Yes
B. Paginated	Yes
C. Arranged in order	Yes
D. Consistent dates	Yes
E. Case Narrative	Yes
F. Chain-of-Custody Record	Yes
G. Sample Data Complete	Yes
H. Standard Data Complete	Yes
I. Raw QC Data Complete	Yes

Comments: C0119

12 Surface soils samples for TCL SVOC, TCL Pest, Herb, TAL Metals and CN

Additional sample volume was collected on 2/11 in order to perform the herbicide analysis

Herbicide analysis was subcontracted out to STL Pittsburgh.

BPSS-12 had MCPA reported at 4400J ug/kg

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/1/04

II. Holding Times

<u>Sample I.D.</u>	<u>Date Received</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
BP-SS-1	2/6/04	2/11/04	2/25-26, 2/21	No
BP-SS-2	2/6/04	2/11/04	2/25-26, 2/21	No
BP-SS-3	2/6/04	2/11/04	2/25-26, 2/21	No
BP-SS-4	2/6/04	2/11/04	2/25-26, 2/21	No
BP-SS-5	2/6/04	2/11/04	2/25-26, 2/21	No
BP-SS-6	2/6/04	2/11/04	2/25-26, 2/21	No
BP-SS-7	2/6/04	2/11/04	2/25-26, 2/21	No
BP-SS-8	2/6/04	2/11/04	2/25-26, 2/21	No
BP-SS-9*	2/6/04	2/11/04	2/25-26, 2/21	No
BP-SS-10	2/6/04	2/11/04	2/25-26, 2/21	No
BP-SS-11	2/6/04	2/11/04	2/25-26, 2/21	No
BP-SS-12	2/6/04	2/11/04	2/25-26, 2/21	No

*Sample was
run as the
MS/MSD

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

Fraction: SVOA

III. Tune Summary

Tune File I.D. Number	Acceptable ?	Comments
1. S4A3646	Yes	Initial
2. S4A3980	Yes	Samples
3. S4A4010	Yes	Dilution
4.		
5.		
6.		
7.		
8.		
9.		
10.		

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

Fraction: SVOA

IV. Initial Calibration Summary (GC/MS)

Date of Calibration: 1/29/04

A. Standard Data Files

Standard 1 ID: <u>S4A3649</u>	Conc: <u>20</u>
Standard 2 ID: <u>S4A3647</u>	Conc: <u>50</u>
Standard 3 ID: <u>S4A3651</u>	Conc: <u>80</u>
Standard 4 ID: <u>S4A3652</u>	Conc: <u>120</u>
Standard 5 ID: <u>S4A3648</u>	Conc: <u>160</u>

B. 1. All SPCC met Criteria ?

Yes

2. Calculate a SPCC average RRF

Comments: _____

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

Fraction: SVOA Date of Calibration: 1/29/04

IV. Initial Calibration Summary (continued)

2. All CCC met Criteria ?

Yes

Comments: _____

Calculate a CCC % RSD

C. 1. Was the tune for the initial calibration acceptable ?

Yes

2. Was the calibration conducted within 12 hours of the tune

Yes

Comments: _____

D. Overall assessment of the initial calibration: (list the associated samples)

All ok _____

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

Fraction: SVOA

VI. Continuing Calibration Summary (GC/MS)

Date of Initial Calibration: 1/29/04

Date of Continuing Calibration: 2/25/04, 2/26/04

File ID: S4A3981,
S4A4011

A. 1. All SPCC met criteria ?

Yes

Calculate a SPCC RRF

Comments: _____

2. All CCC met criteria ?

Yes

Calculate a CCC % D

Comments: Protocol allows up to 4 %D to be above the 25% limit as long as its <40%,
qualification of the data was not required

B. Overall assessment of Continuing Calibration
(list associated samples)

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

Fraction: SVOA

VIII. Internal Standard Area Summary (GC/MS)

Were all internal standard peak areas within the contract limits ?

Yes

If No, please note below

<u>Sample</u>	<u>Internal Standard Outside Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

Fraction: SVOA

IX. Blank Summary

Date/Time of Analysis: _____ File ID: _____

All SVOA blanks were clean

<u>Compound</u>	<u>Concentration</u>	<u>≤ CROL</u>	<u>Comments</u>

List the samples associated with this method blank.

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

Fraction: SVOA, PEST, herb

X. Surrogate Recovery Summary

Were all surrogate recoveries within the contract limits ?

Yes – SVOA, herb No- Pest

If No, please note below.

<u>Sample</u>	<u>Surrogate Compound Outside Recovery Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>
BPSS9	TCX recovery on both columns was 0%		Sample run as MS/MSD and TCX recoveries were within limits but DCB's were out. Sample also run diluted and recovery was 0%

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

Fraction: SVOA, pest, herb

XI. Matrix Spike/Matrix Spike Duplication Summary

Sample ID: BPSS-9 Matrix: soil

Did the MS/MSD recovery data meet the contract recommended requirements ?

Yes

No-Pest

If No, please note below.

Recovery of Dieldrin in both the MS and MSD was slightly above limits RPD was ok, no qualification of the data required

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

I. Holding times

<u>Sample</u>	<u>Date Received</u>	<u>Date Digested</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
BP-SS-1	2/6/04		2/11-2/18	No
BP-SS-2	2/6/04		2/11-2/18	No
BP-SS-3	2/6/04		2/11-2/18	No
BP-SS-4	2/6/04		2/11-2/18	No
BP-SS-5	2/6/04		2/11-2/18	No
BP-SS-6	2/6/04		2/11-2/18	No
BP-SS-7	2/6/04		2/11-2/18	No
BP-SS-8	2/6/04		2/11-2/18	No
BP-SS-9	2/6/04		2/11-2/18	No
BP-SS-10	2/6/04		2/11-2/18	No
BP-SS-11	2/6/04		2/11-2/18	No
BP-SS-12	2/6/04		2/11-2/18	No

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

Associated Samples: _____

II. Initial Calibration

1. Were all initial instrument calibrations performed?

Yes

2. Were the initial calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

3. Were the initial calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

Associated Samples: _____

III. Continuing Calibration

1. Were the continuing calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

2. Were the continuing calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/1/04

IV. Blank Summary

A. Method Blanks

1. Was a method blank prepared and analyzed at the contract specified frequency?

Yes

2. Were all the analytes below the CRDL in the method blank?

Yes

Comments:

B. Calibration Blanks

1. Were all initial and continuing calibration blanks analyzed at the contract specified frequency/

Yes

2. Were all the analytes below the CRDL in all the calibration blanks?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/1/04

BPSS-9

V. Duplicate Analysis

1. Was a duplicate prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were control limits for the relative percent differences (RPD) met for each analyte?

No

Comments:

7 analytes were outside limits (Al, Ca, Cr, Cu, Pb, Zn and Hg

For sample values >5 times the CRDL, the RPD control limit is $\pm 20\%$.

For sample values ≤ 5 times the CRDL, the RPD control limit is $\pm \text{CRDL}$.

If sample results were outside of the control limits, all data associated with that duplicate sample should have been flagged with a "**".

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

BBSS-9

VI. Matrix Spike Analysis

1. Was a matrix spike prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were the matrix spike recoveries within the contract specified control limits (75-125%)?

No

If "No", note analytes Al, Cu, Se, Zn Post digest spike was run and all recoveries were within limits.

Data should have been flagged with "N" for analytes out of control limits. If the sample concentration exceeds the spike concentration by a factor of four or more, no flag is required.

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

VII. ICP Interference Check Sample Summary

1. Was the ICP serial dilution analyzed at the contract specified frequency?

Yes

Comments:

2. Were the serial dilution differences within the contract specified limits of $\pm 10\%$?

Yes

Comments:

3. Was the ICP CRDL check standard analyzed at the contract specified frequency for the analytes required?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

VII. ICP Interference Check Sample Summary (continued):

4. Was the ICP interference check sample analyzed at the contract specified frequency:

Yes

Comments:

5. Were the ICP interference check sample results within the control limit of $\pm 20\%$ of the mean value?

Yes

If "No", not analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

VIII. Laboratory Control Sample Analysis

1. Was a laboratory control sample analyzed at the contract required frequency?

Yes

Comments:

2. Were the percent recoveries within the control limits of 80-120% (except for Ag and Sb) for each analyte?

Yes

Comments:

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/6/04

II. Holding Times

<u>Sample I.D.</u>	<u>Date Received</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
BPSV14	2/11/04		2/16	No
BPSV24	2/11/04		2/16	No
BPSV34	2/11/04		2/16	No
BPSV44	2/11/04		2/16	No
BPSV515	2/11/04		2/16	No
BPSSS142	2/11/04	2/13/04	2/19, 2/23	No
BPBS1108	2/11/04	2/13/04	2/18, 2/23	No
BPSBS2108	2/11/04	2/13/04	2/18, 2/27	No
BPSSS242	2/11/04	2/13/04	2/18, 2/24	No
BPSSS342	2/11/04	2/13/04	2/18, 2/24	No
BPSBGW2	2/12/04	2/13/04	2/17, 2/18	No
BPSBGW1	2/12/04	2/13/04	2/17, 2/18	No
BPSBS342	2/12/04	2/13/04	2/18, 3/4	No
BPSBGW3	2/13/04	2/13/04	2/17, 2/23	No
BPSBA41159 5	2/12/04	2/13/04	2/18, 2/24	No
BPSBGW4	2/12/04	2/13/04	2/17, 2/19	No
BPSBS5119	2/12/04	2/13/04	2/18, 2/24	No
BPSBGW5	2/12/04	2/13/04	2/17, 2/23	No
BPSSS432	2/12/04		2/18, 2/24	No
TB-1	2/13/04		2/17	No

DATA VALIDATION – ORGANICS

*Sample was
run as the
MS/MSD

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

Fraction: SVOA,VOA

III. Tune Summary

Tune File I.D. Number	Acceptable ?	Comments
1. S4A3646	Yes	Initial
2. S4A3875A	Yes	Blanks
3. S4A3900	Yes	samples
4. S4A3920	YES	SAMPLES
5. S4A3950	YES	SAMPLES
6. S4A4010	YES	SAMPLES
7. S2D9135	Yes	Initial and samples
8.		
9. V2G1070	YES	INITIAL
10. V2G1200	YES	SAMPLES
11. V2G1230	YES	SAMPLES
12. V5F1330	YES	INITIAL
13. V5F1350	YES	SAMPLES
14. V5F1400	YES	SAMPLES
15. V1F9860	YES	INITIAL-AIR
16. V1G0170	YES	SAMPLES-AIR

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

Fraction: SVOA, VOA

IV. Initial Calibration Summary (GC/MS)

Date of Calibration: 1/29/04, 3/4/04,
2/5, 2/12, 1/28

A. Standard Data Files

Standard 1 ID: <u>S4A3649, S2D9138,</u> <u>V2G1073, V5F1332,</u> <u>V1F9862</u>	Conc: <u>20, 10</u>
Standard 2 ID: <u>S4A3647, S2D9136,</u> <u>V2G1072, V5F1335,</u> <u>V1F9867</u>	Conc: <u>50, 20</u>
Standard 3 ID: <u>S4A3651, S2D9139,</u> <u>V2G1071, V5F1331,</u> <u>V1F9861</u>	Conc: <u>80, 50</u>
Standard 4 ID: <u>S4A3652, S2D9140,</u> <u>V2G1075, V5F1334,</u> <u>V1F9865</u>	Conc: <u>120, 100</u>
Standard 5 ID: <u>S4A3648, S2D9137,</u> <u>V2G1074, V5F1333,</u> <u>V1F9864</u>	Conc: <u>160, 200</u>

B. 1. All SPCC met Criteria ?

Yes

2. Calculate a SPCC average RRF

Comments: _____

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem
Reviewer: R. Petrella Date of Review: 4/2/04
Fraction: SVOA, VOA Date of Calibration: 1/29/04, 3/4/04, 2/5, 2/12, 1/28

IV. Initial Calibration Summary (continued)

2. All CCC met Criteria ?

Yes

Comments: _____

Calculate a CCC % RSD

C. 1. Was the tune for the initial calibration acceptable ?

Yes

2. Was the calibration conducted within 12 hours of the tune

Yes

Comments: _____

D. Overall assessment of the initial calibration: (list the associated samples)

All ok _____

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/6/04

Fraction: SVOA, VOA

VI. Continuing Calibration Summary (GC/MS)

Date of Initial Calibration: 1/29/04, 3/4, 2/5, 2/12, 1/28

Date of Continuing Calibration: 3/4, 2/18/04, 2/19/04, 2/23, 2/24, 2/26, 2/18, 2/19, 2/17, 2/18, 2/19, 2/16

File ID: S2D9136,
S4A3876,
S4A3901,
S4A3921,
S4A3951,
S4A4011,
V2G1201,
V2G1231,
V2F1351,
V5F1401,
V1G0171

A. 1. All SPCC met criteria ?

Yes

Calculate a SPCC RRF

Comments: _____

2. All CCC met criteria ?

Yes

Calculate a CCC % D

Comments: Protocol allows up to 4 %D to be above the 25% limit as long as its <40%,
qualification of the data was not required

DATA VALIDATION – ORGANICS

B. Overall assessment of Continuing Calibration
(list associated samples)

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

Fraction: SVOA, VOA

VIII. Internal Standard Area Summary (GC/MS)

Were all internal standard peak areas within the contract limits ?

Yes

If No, please note below

<u>Sample</u>	<u>Internal Standard Outside Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>
BPSBS342	CRY and PRY (SVOA fraction)		Sample reanalyzed with similar results, data from initial run should be used

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

Fraction: SVOA

IX. Blank Summary

Date/Time of Analysis: _____ File ID: _____

All SVOA blanks were clean

<u>Compound</u>	<u>Concentration</u>	<u>≤ CROL</u>	<u>Comments</u>
di-n-butylphthalate	33J		Found in SBLK4J, but not in any of the samples associated with this blank, qualification of the data not required

List the samples associated with this method blank.

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

Fraction: SVOA, VOA

For SVOA analysis protocol allows 1 recovery per fraction to be outside QC limits as long as it's >10% with no action required

X. Surrogate Recovery Summary

Were all surrogate recoveries within the contract limits ?

Yes

If No, please note below.

<u>Sample</u>	<u>Surrogate Compound Outside Recovery Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

Fraction: SVOA, VOA

Site specific QC not provided

XI. Matrix Spike/Matrix Spike Duplication Summary

Sample ID: _____ Matrix: _____

Did the MS/MSD recovery data meet the contract recommended requirements ?

Yes

If No, please note below.

VOA blank spike was analyzed and met QC limits.

A water blank spike was run and the recoveries of 4-nitrophenol and pentachlorophenol were slightly above recovery limits ins both the MS and MSD, however the RPD's for these compounds were within limits

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

I. Holding times

<u>Sample</u>	<u>Date Received</u>	<u>Date Digested</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
BPSSS142	2/11/04		2/17-2/24	No
BPBS1108	2/11/04		2/17-2/24	No
BPSBS2108	2/11/04		2/17-2/24	No
BPSSS242	2/11/04		2/17-2/24	No
BPSSS342	2/11/04		2/17-2/24	No
BPSBS342	2/12/04		2/17-2/24	No
BPSBA41159	2/12/04		2/17-2/24	No
5				
BPSBS5119	2/12/04		2/17-2/24	No
BPSSS432	2/12/04		2/17-2/24	No

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

Associated Samples: _____

II. Initial Calibration

1. Were all initial instrument calibrations performed?

Yes

2. Were the initial calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

3. Were the initial calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

Associated Samples: _____

III. Continuing Calibration

1. Were the continuing calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

2. Were the continuing calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

IV. Blank Summary

A. Method Blanks

1. Was a method blank prepared and analyzed at the contract specified frequency?

Yes

2. Were all the analytes below the CRDL in the method blank?

Yes

Comments:

B. Calibration Blanks

1. Were all initial and continuing calibration blanks analyzed at the contract specified frequency/

Yes

2. Were all the analytes below the CRDL in all the calibration blanks?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

BPSSS142

V. Duplicate Analysis

1. Was a duplicate prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were control limits for the relative percent differences (RPD) met for each analyte?

YES

Comments:

For sample values >5 times the CRDL, the RPD control limit is $\pm 20\%$.

For sample values ≤ 5 times the CRDL, the RPD control limit is $\pm \text{CRDL}$.

If sample results were outside of the control limits, all data associated with that duplicate sample should have been flagged with a "**".

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

BPSSS142

VI. Matrix Spike Analysis

1. Was a matrix spike prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were the matrix spike recoveries within the contract specified control limits (75-125%)?

No

If "No", note analytes Sb, Cd, Se Post digest spike was run and all recoveries were within limits.

Data should have been flagged with "N" for analytes out of control limits. If the sample concentration exceeds the spike concentration by a factor of four or more, no flag is required.

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

VII. ICP Interference Check Sample Summary

1. Was the ICP serial dilution analyzed at the contract specified frequency?

Yes

Comments:

2. Were the serial dilution differences within the contract specified limits of $\pm 10\%$?

Yes

Comments:

3. Was the ICP CRDL check standard analyzed at the contract specified frequency for the analytes required?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

VII. ICP Interference Check Sample Summary (continued):

4. Was the ICP interference check sample analyzed at the contract specified frequency:

Yes

Comments:

5. Were the ICP interference check sample results within the control limit of $\pm 20\%$ of the mean value?

Yes

If "No", not analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/6/04

VIII. Laboratory Control Sample Analysis

1. Was a laboratory control sample analyzed at the contract required frequency?

Yes

Comments:

2. Were the percent recoveries within the control limits of 80-120% (except for Ag and Sb) for each analyte?

Yes

Comments:

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/2/04

I. Data Deliverable Requirements

A. Legible	Yes
B. Paginated	Yes
C. Arranged in order	Yes
D. Consistent dates	Yes
E. Case Narrative	Yes
F. Chain-of-Custody Record	Yes
G. Sample Data Complete	Yes
H. Standard Data Complete	Yes
I. Raw QC Data Complete	Yes

Comments: C0141

4 soil and 12 water samples for VOC TCL SVOC, TCL Pest, and/or Metals depending on sample location

Sample SBS842 was analyzed at a 1:10 dilution for SVOA due to the sample matrix and the high hydrocarbons present, may have masked low levels of SVOA compounds

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/2/04

II. Holding Times

<u>Sample I.D.</u>	<u>Date Received</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
Tb-2	2/13/04		2/17,	No
SBVP12220	2/13/04	2/13/04	2/18, 2/24	No
GWVP19086	2/13/04	2/13/04	2/17, 2/19	No
GWVP18076	2/13/04	2/13/04	2/17, 2/19	No
GWVP17066	2/13/04	2/13/04	2/17, 2/19	No
GWVP16056	2/13/04	2/13/04	2/17, 2/19	No
GWVP15046	2/13/04	2/13/04	2/17, 2/19	No
GWVP14036	2/13/04	2/13/04	2/19, 2/19	No
GWPVP13026	2/13/04	2/13/04	2/19, 2/19	No
SBS6255	2/13/04	2/13/04	2/18, 2/19	No
SBGW6	2/13/04	2/13/04	2/19, 2/19	No
SBS731	2/13/04	2/13/04	2/18, 2/24	No
SBGW7	2/13/04	2/13/04	2/19, 2/23	No
SBS731	2/13/04	2/13/04	2/19, 2/27	No
SBSSS531	2/13/04	2/13/04	2/19, 2/23	No
SBS842	2/13/04	2/13/04	2/18, 3/4	No
SBGW8	2/13/04	2/13/04	2/19, 2/23	No

*Sample was
run as the
MS/MSD

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/2/04

Fraction: SVOA

III. Tune Summary

Tune File I.D. Number	Acceptable ?	Comments
1. S4A3646	Yes	Initial
2. S4A3875A	Yes	Blanks
3. S4A3900	Yes	samples
4. S4A3920	YES	SAMPLES
5. S4A3950	YES	SAMPLES
6. S4A4040	YES	SAMPLES
7. S2D9135	Yes	Initial and samples
8.		
9. V2G1070	YES	INITIAL
10. V2G1200	YES	SAMPLES
11. V2G1230	YES	SAMPLES
12. V5F1330	YES	INITIAL
13. V5F1350	YES	SAMPLES
14. V5F1380	YES	SAMPLES
15. V5F1400	YES	SAMPLES

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/2/04

Fraction: SVOA, VOA

IV. Initial Calibration Summary (GC/MS)

Date of Calibration: 1/29/04, 3/4/04,
2/5, 2/12

A. Standard Data Files

Standard 1 ID: S4A3649, S2D9138,
V2G1073, V5F1332

Conc: 20, 10

Standard 2 ID: S4A3647, S2D9136,
V2G1072, V5F1335,

Conc: 50, 20

Standard 3 ID: S4A3651, S2D9139,
V2G1071, V5F1331

Conc: 80, 50

Standard 4 ID: S4A3652, S2D9140,
V2G1075, V5F1334

Conc: 120, 100

Standard 5 ID: S4A3648, S2D9137,
V2G1074, V5F1333

Conc: 160, 200

B. 1. All SPCC met Criteria ?

Yes

2. Calculate a SPCC average RRF

Comments: _____

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory

Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/2/04

Fraction: SVOA, VOA

Date of Calibration: 1/29/04, 3/4/04, 2/5, 2/12

IV. Initial Calibration Summary (continued)

2. All CCC met Criteria ?

Yes

Comments: _____

Calculate a CCC % RSD

C. 1. Was the tune for the initial calibration acceptable ?

Yes

2. Was the calibration conducted within 12 hours of the tune

Yes

Comments: _____

D. Overall assessment of the initial calibration: (list the associated samples)

All ok

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/2/04

Fraction: SVOA, VOA

VI. Continuing Calibration Summary (GC/MS)

Date of Initial Calibration: 1/29/04, 3/4, 2/5, 2/12

Date of Continuing Calibration: 3/4, 2/18/04, 2/19/04, 2/23, 2/24, 2/27, 2/18, 2/19, 2/17, 2/18, 2/19

File ID: S2D9136,
S4A3876,
S4A3901,
S4A3921,
S4A3951,
S4A4041,
V2G1201,
V2G1231,
V2F1351,
V5F1381,
V5F1401

A. 1. All SPCC met criteria ?

Yes

Calculate a SPCC RRF

Comments: _____

2. All CCC met criteria ?

Yes

Calculate a CCC % D

Comments: Protocol allows up to 4 %D to be above the 25% limit as long as its <40%, qualification of the data was not required

DATA VALIDATION – ORGANICS

B. Overall assessment of Continuing Calibration
(list associated samples)

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/2/04

Fraction: SVOA, VOA

VIII. Internal Standard Area Summary (GC/MS)

Were all internal standard peak areas within the contract limits ?

Yes

If No, please note below

<u>Sample</u>	<u>Internal Standard Outside Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>
SBS842	PRY (SVOA fraction)		Sample reanalyzed with similar results, data from initial run should be used

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/2/04

Fraction: SVOA

IX. Blank Summary

Date/Time of Analysis: _____ File ID: _____

All SVOA blanks were clean

<u>Compound</u>	<u>Concentration</u>	<u>≤ CROL</u>	<u>Comments</u>
di-n-butylphthalate	33J		Found in SBLK4J, but not in any of the samples associated with this blank, qualification of the data not required

List the samples associated with this method blank.

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/6/04

Fraction: SVOA, VOA

X. Surrogate Recovery Summary

Were all surrogate recoveries within the contract limits ?

Yes

If No, please note below.

<u>Sample</u>	<u>Surrogate Compound Outside Recovery Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/2/04

Fraction: SVOA, VOA, PCB

XI. Matrix Spike/Matrix Spike Duplication Summary

Sample ID: SBS731 Matrix: soil

Did the MS/MSD recovery data meet the contract recommended requirements ?

Yes

If No, please note below.

All SVOA spike recoveries were within limits, the RPD for pyrene was slightly above limits.

A water blank spike was run and the recoveries of 4-nitrophenol and pentachlorophenol were slightly above recovery limits ins both the MS and MSD, however the RPD's for these compounds were within limits

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/6/04

I. Holding times

<u>Sample</u>	<u>Date Received</u>	<u>Date Digested</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
SBS6255	2/13/04		2/20-3/04	No
SBS731	2/13/04		2/20-3/04	No
SBS842	2/13/04		2/20-3/04	No

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

Associated Samples: _____

II. Initial Calibration

1. Were all initial instrument calibrations performed?

Yes

2. Were the initial calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

3. Were the initial calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

Associated Samples: _____

III. Continuing Calibration

1. Were the continuing calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

2. Were the continuing calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

IV. Blank Summary

A. Method Blanks

1. Was a method blank prepared and analyzed at the contract specified frequency?

Yes

2. Were all the analytes below the CRDL in the method blank?

Yes

Comments:

B. Calibration Blanks

1. Were all initial and continuing calibration blanks analyzed at the contract specified frequency/

Yes

2. Were all the analytes below the CRDL in all the calibration blanks?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

SBS731

V. Duplicate Analysis

1. Was a duplicate prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were control limits for the relative percent differences (RPD) met for each analyte?

No

Comments:

7 analytes were outside limits (Ca, Cr, Fe, Pb, Mn, Ag and Zn)

For sample values >5 times the CRDL, the RPD control limit is $\pm 20\%$.

For sample values ≤ 5 times the CRDL, the RPD control limit is $\pm \text{CRDL}$.

If sample results were outside of the control limits, all data associated with that duplicate sample should have been flagged with a "**".

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

SBS731

VI. Matrix Spike Analysis

1. Was a matrix spike prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were the matrix spike recoveries within the contract specified control limits (75-125%)?

No

If "No", note analytes Sb, Cd, Se, Ag, Zn Post digest spike was run and all recoveries were within limits.

Data should have been flagged with "N" for analytes out of control limits. If the sample concentration exceeds the spike concentration by a factor of four or more, no flag is required.

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

VII. ICP Interference Check Sample Summary

1. Was the ICP serial dilution analyzed at the contract specified frequency?

Yes

Comments:

2. Were the serial dilution differences within the contract specified limits of $\pm 10\%$?

Yes

Comments:

3. Was the ICP CRDL check standard analyzed at the contract specified frequency for the analytes required?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/1/04

VII. ICP Interference Check Sample Summary (continued):

4. Was the ICP interference check sample analyzed at the contract specified frequency:

Yes

Comments:

5. Were the ICP interference check sample results within the control limit of $\pm 20\%$ of the mean value?

Yes

If "No", not analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/1/04

VIII. Laboratory Control Sample Analysis

1. Was a laboratory control sample analyzed at the contract required frequency?

Yes

Comments:

2. Were the percent recoveries within the control limits of 80-120% (except for Ag and Sb) for each analyte?

Yes

Comments:

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella *RP*

Date of Review: 4/7/04

I. Data Deliverable Requirements

A. Legible	Yes
B. Paginated	Yes
C. Arranged in order	Yes
D. Consistent dates	Yes
E. Case Narrative	Yes
F. Chain-of-Custody Record	Yes
G. Sample Data Complete	Yes
H. Standard Date Complete	Yes
I. Raw QC Data Complete	Yes

Comments: C0149

6 soil and 3 water samples for VOC TCL SVOC, TCL Pest, and/or Metals depending on sample location and one trip blank for VOA

Sample SBS842 was analyzed at a 1:10 dilution for SVOA due to the sample matrix and the high hydrocarbons present, may have masked low levels of SVOA compounds

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

II. Holding Times

<u>Sample I.D.</u>	<u>Date Received</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
TB-3	2/14/04		2/19	No
BPSBS964	2/14/04	2/23	2/18, 2/27	No
BPSBGW9*	2/14/04	2/16	2/18, 2/26	No
BPSBS1046	2/14/04	2/23	2/18, 2/27	No
BPSBGW10	2/14/04	2/16	2/19, 2/26	No
BPGW1	2/14/04	2/16	2/26	No
CPSBS1131	2/14/04	2/16	2/18, 26	No
BPSBGW11	2/14/04	2/23	2/19	No
BPSD2	2/14/04	2/23	2/18, 2/27	No
BPSD1	2/14/04	2/23	2/19, 2/26	No

*Sample was
run as the
MS/MSD

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

Fraction: SVOA

III. Tune Summary

Tune File I.D. Number	Acceptable ?	Comments
1. S4A3646	Yes	Initial
2. S4A4010	Yes	samples
3. S4A4040	Yes	dilutions
4.		
5. V2G1070	YES	INITIAL
6. V2G1200	YES	SAMPLES
7. V2G1230	YES	SAMPLES
8. V5F1330	YES	INITIAL
9. V5F1380	YES	SAMPLES
10. V5F1400	YES	SAMPLES

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

Fraction: SVOA, VOA

IV. Initial Calibration Summary (GC/MS)

Date of Calibration: 1/29/04, 2/5, 2/12

A. Standard Data Files

Standard 1 ID: <u>S4A3649, V2G1073,</u> <u>V5F1332</u>	Conc: <u>20, 10</u>
Standard 2 ID: <u>S4A3647, V2G1072,</u> <u>V5F1335,</u>	Conc: <u>50, 20</u>
Standard 3 ID: <u>S4A3651, V2G1071,</u> <u>V5F1331</u>	Conc: <u>80, 50</u>
Standard 4 ID: <u>S4A3652, V2G1075,</u> <u>V5F1334</u>	Conc: <u>120, 100</u>
Standard 5 ID: <u>S4A3648, V2G1074,</u> <u>V5F1333</u>	Conc: <u>160, 200</u>

B. 1. All SPCC met Criteria ?

Yes

2. Calculate a SPCC average RRF

Comments: _____

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory
Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/7/04

Fraction: SVOA, VOA

Date of Calibration: 1/29/04, 2/5, 2/12

IV. Initial Calibration Summary (continued)

2. All CCC met Criteria ?

Yes

Comments: _____

Calculate a CCC % RSD

C. 1. Was the tune for the initial calibration acceptable ?

Yes

2. Was the calibration conducted within 12 hours of the tune

Yes

Comments: _____

D. Overall assessment of the initial calibration: (list the associated samples)

All ok

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

Fraction: SVOA, VOA

VI. Continuing Calibration Summary (GC/MS)

Date of Initial Calibration: 1/29/04, 3/4, 2/5, 2/12

Date of Continuing Calibration: 2/26, 2/27, 2/18, 2/19, 2/17, 2/18, 2/19

File ID: S4A4011,
S4A4041,
V2G1201,
V2G1231,
V5F1381,
V5F1401

A. 1. All SPCC met criteria ?

Yes

Calculate a SPCC RRF

Comments: _____

2. All CCC met criteria ?

Yes

Calculate a CCC % D

Comments: Protocol allows up to 4 %D to be above the 25% limit as long as its <40%,
qualification of the data was not required

B. Overall assessment of Continuing Calibration
(list associated samples)

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

Fraction: SVOA, VOA

VIII. Internal Standard Area Summary (GC/MS)

Were all internal standard peak areas within the contract limits ?

Yes

If No, please note below

<u>Sample</u>	<u>Internal Standard Outside Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

Fraction: SVOA

IX. Blank Summary

Date/Time of Analysis: _____ File ID: _____

All SVOA blanks were clean

<u>Compound</u>	<u>Concentration</u>	<u>≤ CROL</u>	<u>Comments</u>
di-n-butylphthalate	33J		Found in SBLK4J, but not in any of the samples associated with this blank, qualification of the data not required

List the samples associated with this method blank.

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

Fraction: SVOA, VOA

X. Surrogate Recovery Summary

For SVOA protocol allows one recovery per fraction to be outside QC limits as long as its >10%

Were all surrogate recoveries within the contract limits ?

Yes

If No, please note below.

<u>Sample</u>	<u>Surrogate Compound Outside Recovery Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

Fraction: SVOA, VOA, PCB

XI. Matrix Spike/Matrix Spike Duplication Summary

Sample ID: BPSBGW9 (VOA), BPSD1 Matrix: WATER, soil
(SVOA)

Did the MS/MSD recovery data meet the contract recommended requirements ?

Yes

If No, please note below.

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

I. Holding times

<u>Sample</u>	<u>Date Received</u>	<u>Date Digested</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
BPSBS964	2/14/04		2/20-3/9	No
BPSBS1046	2/14/04		2/20-3/9	No
BPGW1	2/14/04		2/20-3/9	No
CPSBS1131	2/14/04		2/20-3/9	No
BPSD2	2/14/04		2/20-3/9	No
BPSD1	2/14/04		2/20-3/9	No

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

Associated Samples: _____

II. Initial Calibration

1. Were all initial instrument calibrations performed?

Yes

2. Were the initial calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

3. Were the initial calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

Associated Samples: _____

III. Continuing Calibration

1. Were the continuing calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

2. Were the continuing calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

IV. Blank Summary

A. Method Blanks

1. Was a method blank prepared and analyzed at the contract specified frequency?

Yes

2. Were all the analytes below the CRDL in the method blank?

Yes

Comments:

B. Calibration Blanks

1. Were all initial and continuing calibration blanks analyzed at the contract specified frequency/

Yes

2. Were all the analytes below the CRDL in all the calibration blanks?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

BPGW1, BPSBS964

V. Duplicate Analysis

1. Was a duplicate prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were control limits for the relative percent differences (RPD) met for each analyte?

Yes – BPGW1

No – BPSBS964

Comments:

3 analytes were outside limits (Ba, Cu and Pb)

For sample values >5 times the CRDL, the RPD control limit is $\pm 20\%$.

For sample values ≤ 5 times the CRDL, the RPD control limit is $\pm \text{CRDL}$.

If sample results were outside of the control limits, all data associated with that duplicate sample should have been flagged with a “*”.

DATA VALIDATION – METALS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/7/04

BPGW1, BPSBS964

VI. Matrix Spike Analysis

1. Was a matrix spike prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were the matrix spike recoveries within the contract specified control limits (75-125%)?

No

If "No", note analytes FOR BPGW1 Se was out, for BPSBS964 Sb, Cu and CN were out. Post digest spike was run and all recoveries were within limits.

Data should have been flagged with "N" for analytes out of control limits. If the sample concentration exceeds the spike concentration by a factor of four or more, no flag is required.

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

VII. ICP Interference Check Sample Summary

1. Was the ICP serial dilution analyzed at the contract specified frequency?

Yes

Comments:

2. Were the serial dilution differences within the contract specified limits of $\pm 10\%$?

Yes

Comments:

3. Was the ICP CRDL check standard analyzed at the contract specified frequency for the analytes required?

Yes

Comments:

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Laboratory Name: Mitkem

Date of Review:4/7/04

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- Yes

- Yes

If "No", not analytes

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/7/04

VIII. Laboratory Control Sample Analysis

1. Was a laboratory control sample analyzed at the contract required frequency?

Yes

Comments:

2. Were the percent recoveries within the control limits of 80-120% (except for Ag and Sb) for each analyte?

Yes

Comments:

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 5/4/04

I. Data Deliverable Requirements

A. Legible	Yes
B. Paginated	Yes
C. Arranged in order	Yes
D. Consistent dates	Yes
E. Case Narrative	Yes
F. Chain-of-Custody Record	Yes
G. Sample Data Complete	Yes
H. Standard Data Complete	Yes
I. Raw QC Data Complete	Yes

Comments: C0265

14 water samples, 1 trip blank and 5 soil samples for VOA, TCL SVOC, pest and/or Metals depending on sample locations

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 5/4/04

II. Holding Times

<u>Sample I.D.</u>	<u>Date Received</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
TB-4	3/31/04		4/2/04	No
SBVP2 11.5-13.5	3/31/04		4/6, 4/2	No
GWVP2 86-90	3/31/04	3/31/04	4/2, 4/1	No
GWVP2 76-80	3/31/04	3/31/04	4/2, 4/1	No
GWVP2 66-70	3/31/04	3/31/04	4/2, 4/1	No
GWVP2 56-60	3/31/04	3/31/04	4/2, 4/1	No
GWVP2 46-50	3/31/04	3/31/04	4/2, 4/1	No
GWVP2 36-40	3/31/04	3/31/04	4/2, 4/1	No
GWVP2 26-30	3/31/04	3/31/04	4/2, 4/1	No
GWVP2 16-20	3/31/04	3/31/04	4/2, 4/2	No
SBS12 6-8	3/31/04	3/31/04	4/6, 4/2	No
SBGW12	3/31/04	3/31/04	4/2, 4/1	No
SBS13 6-8	3/31/04	3/31/04	4/6, 4/2	No
SBGW13	3/31/04	3/31/04	4/2, 4/2	No
BPGW2	3/31/04	3/31/04	4/2, 4/2, 4/1	No
BPGW3	3/31/04	3/31/04	4/6, 4/2, 4/1	No
SBGW11	3/31/04	3/31/04	4/2,	No
BPGW1	3/31/04	3/31/04	4/6, 4/1	No
BPSBSSS6	3/31/04	3/31/04	4/2, 4/6	No
BPSBSSS7	3/31/04	3/31/04	4/2, 4/2	No

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 5/28/04

Fraction: VOA, SVOA

III. Tune Summary

Tune File I.D. Number	Acceptable ?	Comments
1. V5F1810	YES	INITIAL- W
2. V5F1830	YES	SAMPLES –W
3. V5F1870	YES	INITIAL AND SAMPLES - S
4. V5F1890	YES	SAMPLES-W
5.		
6.		
7.		
8.		
9. S2D9315	Yes	Initial
10. S2D9520	Yes	samples
11. S2D9533	Yes	samples
12. S2D9570	Yes	samples
13. S2D9594	Yes	Samples
14. S2D9610	Yes	Samples
15.		
16.		
17. /		
18.		

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Fraction: VOA, SVOA,

IV. Initial Calibration Summary (GC/MS)

Date of Calibration: 4/1, 4/6, 3/17/04

A. Standard Data Files

Standard 1 ID: <u>V5F1812, V5F1872,</u> <u>S2D9318</u>	Conc: <u>10, 20</u>
Standard 2 ID: <u>V5F1815, V5F1875,</u> <u>S2D9316</u>	Conc: <u>20, 50</u>
Standard 3 ID: <u>V5F1811, V5F1871,</u> <u>S2D9319</u>	Conc: <u>50, 80</u>
Standard 4 ID: <u>V5F1814, V5F1874,</u> <u>S2D9320</u>	Conc: <u>100, 120</u>
Standard 5 ID: <u>V5F1813, V5F1873,</u> <u>S2D9317</u>	Conc: <u>200, 160</u>

B. 1. All SPCC met Criteria ?

Yes

2. Calculate a SPCC average RRF

Comments: _____

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory

Name: Mitkem

Reviewer: R. Petrella

Date of Review: 5/28/04

Fraction: VOA, SVOA

Date of Calibration: 4/1, 4/6, 3/17/04

IV. Initial Calibration Summary (continued)

2. All CCC met Criteria ?

Yes

Comments: _____

Calculate a CCC % RSD

C. 1. Was the tune for the initial calibration acceptable ?

Yes

2. Was the calibration conducted within 12 hours of the tune

Yes

Comments: _____

D. Overall assessment of the initial calibration: (list the associated samples)

All ok

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Fraction: SVOA

VI. Continuing Calibration Summary (GC/MS)

Date of Initial Calibration: 4/1, 4/6, 3/17/04

Date of Continuing Calibration: 4/2, 4/6, 4/6, 4/1, 4/2, 4/2, 4/5,
4/6

File ID: V5F1831,
V5F1871,
V5F1891,
S2D9521,
S2D9534,
S2D9571,
S2D9595,
S2D9611

A. 1. All SPCC met criteria ?

Yes

Calculate a SPCC RRF

Comments: _____

2. All CCC met criteria ?

Yes

Calculate a CCC % D

Comments: Protocol allows up to 4 %D to be above the 25% limit as long as its <40%,
qualification of the data was not required

DATA VALIDATION – ORGANICS

- B. Overall assessment of Continuing Calibration
(list associated samples)

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Fraction: SVOA, VOA

VIII. Internal Standard Area Summary (GC/MS)

Were all internal standard peak areas within the contract limits ?

Yes

If No, please note below

<u>Sample</u>	<u>Internal Standard Outside Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>
SBSSS7 4-6	PRY		Sample rerun with similar results
SBSSS6	PRY		Sample was rerun at a dilution with all are cts within limits.

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Fraction: SVOA

IX. Blank Summary

Date/Time of Analysis: _____ File ID: _____

~~All SVOA blanks were clean~~ *RP*

<u>Compound</u>	<u>Concentration</u>	<u>≤ CROL</u>	<u>Comments</u>
2-hexanone	1 J		Found in VBLK1R (WATER) but not in any of the samples associated with this blank, qualification of the data not required
di-n-butylphthalate	2 J		Found in SBLK2L, all water sample results have been qualified as ND if present.
di-n-butylphthalate, 77 J, 230 J bis2ethylhexylphthalate			Found in SBLK2M, all soil sample results have been qualified as ND if present.

List the samples associated with this method blank.

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Fraction: VOA, SVOA, PEST

X. Surrogate Recovery Summary

For SVOA protocol allows one recovery per fraction to be outside QC limits as long as its >10%

Were all surrogate recoveries within the contract limits ?

Yes

If No, please note below.

<u>Sample</u>	<u>Surrogate Compound Outside Recovery Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Fraction: VOA, **SVOA**, PEST, HEB

XI. Matrix Spike/Matrix Spike Duplication Summary

Sample ID: BPGW2, SBS12 (6-8) Matrix: WATER, SOIL

Did the MS/MSD recovery data meet the contract recommended requirements ?

YES – VOA,
PEST, HERB **No-** SVOA

If No, please note below.

Recovery of phenol and pentachlorophenol in BPGW2 was slightly above limits in both the MS and MSD, but the RPD was ok. 8 of 18 recoveries were slightly above limits in the SVOA fraction of SBS12(6-8) but all RPDs were ok, qualification of the data is not required.

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/4/04

I. Holding times

<u>Sample</u>	<u>Date Received</u>	<u>Date Digested</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
SBVP2 11.5- 13.5	3/31/04		4/2-4/9	No
SBS12 6-8	3/31/04		4/2-4/9	No
SBS13 6-8	3/31/04		4/2-4/9	No
BPGW2	3/31/04		4/2-4/9	No
BPGW3	3/31/04		4/2-4/9	No
BPGW1	3/31/04		4/2-4/9	No
BPSBSSS6	3/31/04		4/2-4/9	No
BPSBSSS7	3/31/04		4/2-4/9	No

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/4/04

Associated Samples: _____

II. Initial Calibration

1. Were all initial instrument calibrations performed?

Yes

2. Were the initial calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

3. Were the initial calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Associated Samples: _____

III. Continuing Calibration

1. Were the continuing calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

2. Were the continuing calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

IV. Blank Summary

A. Method Blanks

1. Was a method blank prepared and analyzed at the contract specified frequency?

Yes

2. Were all the analytes below the CRDL in the method blank?

Yes

Comments:

B. Calibration Blanks

1. Were all initial and continuing calibration blanks analyzed at the contract specified frequency/

Yes

2. Were all the analytes below the CRDL in all the calibration blanks?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

BPGW2, SBS12 (6-8)

V. Duplicate Analysis

1. Was a duplicate prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were control limits for the relative percent differences (RPD) met for each analyte?

Yes

Comments:

No- Iron was out in the duplicate of BPGW2

For sample values >5 times the CRDL, the RPD control limit is $\pm 20\%$.

For sample values ≤ 5 times the CRDL, the RPD control limit is $\pm \text{CRDL}$.

If sample results were outside of the control limits, all data associated with that duplicate sample should have been flagged with a "**".

DATA VALIDATION – METALS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 5/28/04

BPGW2, SBS12 (6-8)

VI. Matrix Spike Analysis

1. Was a matrix spike prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were the matrix spike recoveries within the contract specified control limits (75-125%)?

No

If "No", note analytes FOR BPGW2 Ba and Ni were out, for BPSBS12 (6-8) Cd, Pb and CN were out. Post digest spike was run and all recoveries were within limits.

Data should have been flagged with "N" for analytes out of control limits. If the sample concentration exceeds the spike concentration by a factor of four or more, no flag is required.

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

VII. ICP Interference Check Sample Summary

1. Was the ICP serial dilution analyzed at the contract specified frequency?

Yes

Comments:

2. Were the serial dilution differences within the contract specified limits of $\pm 10\%$?

Yes

Comments:

3. Was the ICP CRDL check standard analyzed at the contract specified frequency for the analytes required?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

VII. ICP Interference Check Sample Summary (continued):

4. Was the ICP interference check sample analyzed at the contract specified frequency:

Yes

Comments:

5. Were the ICP interference check sample results within the control limit of $\pm 20\%$ of the mean value?

Yes

If "No", not analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

VIII. Laboratory Control Sample Analysis

1. Was a laboratory control sample analyzed at the contract required frequency?

Yes

Comments:

2. Were the percent recoveries within the control limits of 80-120% (except for Ag and Sb) for each analyte?

Yes

Comments:

100

Laboratory Name: Mitkem

Date of Review: 4/30/04

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DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

II. Holding Times

<u>Sample I.D.</u>	<u>Date Received</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
BPSSS8 2.5-5	4/1/04	4/2	4/7	No
BPSSS9 4-6	4/1/04	4/2	4/6, 4/8	No
BPSSS10 4-6	4/1/04	4/2	4/6	No
BPSSS11 1-3	4/1/04	4/2	4/8	No
BPSSS12 1-3	4/1/04	4/2	4/6	No
BPSSS13 2.5-5	4/1/04	4/2	4/8	No
BPSSS14 1-3	4/1/04	4/2	4/6	No

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

Fraction: SVOA

III. Tune Summary

Tune File I.D. Number	Acceptable ?	Comments
1. S2D9315	Yes	Initial
2. S2D9610	Yes	samples
3. S2D9632	Yes	samples
4. S2D9650	Yes	samples
5.		
6.		
7.		
8.		
9.		
10.		

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

Fraction: SVOA,

IV. Initial Calibration Summary (GC/MS)

Date of Calibration: 3/17/04

A. Standard Data Files

Standard 1 ID: <u>S2D9318</u>	Conc: <u>20</u>
Standard 2 ID: <u>S2D9316</u>	Conc: <u>50</u>
Standard 3 ID: <u>S2D9319</u>	Conc: <u>80</u>
Standard 4 ID: <u>S2D9320</u>	Conc: <u>120</u>
Standard 5 ID: <u>S2D9317</u>	Conc: <u>160</u>

B. 1. All SPCC met Criteria ?

Yes

2. Calculate a SPCC average RRF

Comments: _____

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

Fraction: SVOA Date of Calibration: 3/17/04

IV. Initial Calibration Summary (continued)

2. All CCC met Criteria ?

Yes

Comments: _____

Calculate a CCC % RSD

C. 1. Was the tune for the initial calibration acceptable ?

Yes

2. Was the calibration conducted within 12 hours of the tune

Yes

Comments: _____

D. Overall assessment of the initial calibration: (list the associated samples)

All ok _____

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

Fraction: SVOA

VI. Continuing Calibration Summary (GC/MS)

Date of Initial Calibration: 3/17/04

Date of Continuing Calibration: 4/6, 4/7, 4/8

File ID: S2D9611,
S2D9633,
S2D9651

A. 1. All SPCC met criteria ?

Yes

Calculate a SPCC RRF

Comments: _____

2. All CCC met criteria ?

Yes

Calculate a CCC % D

Comments: Protocol allows up to 4 %D to be above the 25% limit as long as its <40%,
qualification of the data was not required

B. Overall assessment of Continuing Calibration
(list associated samples)

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

Fraction: SVOA, VOA

VIII. Internal Standard Area Summary (GC/MS)

Were all internal standard peak areas within the contract limits ?

Yes

If No, please note below

<u>Sample</u>	<u>Internal Standard Outside Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>
SBSSS9 4-6	PRY		Sample rerun at a dilution all area cts within limits
SBSSS11 1-3	CRY, PRY		Sample rerun with similar results
SBSSS13 2.5-5	CRY, PRY		Sample rerun with similar results

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

Fraction: SVOA

IX. Blank Summary

Date/Time of Analysis: _____ File ID: _____

All SVOA blanks were clean

<u>Compound</u>	<u>Concentration</u>	<u>≤ CROL</u>	<u>Comments</u>
di-n-butylphthalate	33J		Found in SBLK4J, but not in any of the samples associated with this blank, qualification of the data not required

List the samples associated with this method blank.

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/30/04

Fraction: SVOA

X. Surrogate Recovery Summary

For SVOA protocol allows one recovery per fraction to be outside QC limits as long as its >10%

Were all surrogate recoveries within the contract limits ?

Yes

If No, please note below.

<u>Sample</u>	<u>Surrogate Compound Outside Recovery Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

Fraction: SVOA,

XI. Matrix Spike/Matrix Spike Duplication Summary

Sample ID: BPSSS8 2.5-5 Matrix: SOIL

Did the MS/MSD recovery data meet the contract recommended requirements ?

No

If No, please note below.

Recovery of n-nitros-di-n-propylamine was outside limits in both the MS and MSD, this
cmpd was not detected in the samples so qualification of the data was not required

DATA VALIDATION – METALS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/30/04

I. Holding times

<u>Sample</u>	<u>Date Received</u>	<u>Date Digested</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
BPSSS8 2.5-5	4/1/04		4/7-4/9	No
BPSSS9 4-6	4/1/04		4/7-4/9	No
BPSSS10 4-6	4/1/04		4/7-4/9	No
BPSSS11 1-3	4/1/04		4/7-4/9	No
BPSSS12 1-3	4/1/04		4/7-4/9	No
BPSSS13 2.5-5	4/1/04		4/7-4/9	No
BPSSS14 1-3	4/1/04		4/7-4/9	No

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

Associated Samples: _____

II. Initial Calibration

1. Were all initial instrument calibrations performed?

Yes

2. Were the initial calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

3. Were the initial calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

Associated Samples: _____

III. Continuing Calibration

1. Were the continuing calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

2. Were the continuing calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

IV. Blank Summary

A. Method Blanks

1. Was a method blank prepared and analyzed at the contract specified frequency?

Yes

2. Were all the analytes below the CRDL in the method blank?

Yes

Comments:

B. Calibration Blanks

1. Were all initial and continuing calibration blanks analyzed at the contract specified frequency/

Yes

2. Were all the analytes below the CRDL in all the calibration blanks?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/30/04

BPSBSSS8 2.5-5

V. Duplicate Analysis

1. Was a duplicate prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were control limits for the relative percent differences (RPD) met for each analyte?

Yes

Comments:

For sample values >5 times the CRDL, the RPD control limit is $\pm 20\%$.

For sample values ≤ 5 times the CRDL, the RPD control limit is $\pm \text{CRDL}$.

If sample results were outside of the control limits, all data associated with that duplicate sample should have been flagged with a "**".

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

BPSBSSS8 2.5-5

VI. Matrix Spike Analysis

1. Was a matrix spike prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were the matrix spike recoveries within the contract specified control limits (75-125%)?

No

If "No", note analytes FOR BPGW1 Se was out, for BPSBS964 Sb, Cu and CN were out. Post digest spike was run and all recoveries were within limits.

Data should have been flagged with "N" for analytes out of control limits. If the sample concentration exceeds the spike concentration by a factor of four or more, no flag is required.

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

VII. ICP Interference Check Sample Summary

1. Was the ICP serial dilution analyzed at the contract specified frequency?

Yes

Comments:

2. Were the serial dilution differences within the contract specified limits of $\pm 10\%$?

Yes

Comments:

3. Was the ICP CRDL check standard analyzed at the contract specified frequency for the analytes required?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 4/30/04

VII. ICP Interference Check Sample Summary (continued):

4. Was the ICP interference check sample analyzed at the contract specified frequency:

Yes

Comments:

5. Were the ICP interference check sample results within the control limit of $\pm 20\%$ of the mean value?

Yes

If "No", not analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 4/30/04

VIII. Laboratory Control Sample Analysis

1. Was a laboratory control sample analyzed at the contract required frequency?

Yes

Comments:

2. Were the percent recoveries within the control limits of 80-120% (except for Ag and Sb) for each analyte?

Yes

Comments:

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 5/28/04

I. Data Deliverable Requirements

A. Legible Yes

B. Paginated	Yes

C. Arranged in order Yes

D. Consistent dates Yes

E. Case Narrative	Yes

F. Chain-of-Custody Record	Yes

G. Sample Data Complete Yes

H. Standard Date Complete Yes

I. Raw QC Data Complete	Yes

Comments: C0292

3 water samples and 1 trip blank for VOA,TCL SVOC, pest, herb and Metals

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

II. Holding Times

<u>Sample I.D.</u>	<u>Date Received</u>	<u>Date Extracted</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
TB-5	4/7/04	NA	4/13	No
BP-MW-1	4/7/04	4/8, 4/12	4/13, 4/14, 4/16, 4/21	
BP-6	4/7/04	4/8, 4/12	4/13, 4/14, 4/16, 4/21	
BP-4*	4/7/04	4/8, 4/12	4/13, 4/14, 4/16, 4/22	

*Sample run as
MS/MSD

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 5/28/04

Fraction: VOA, SVOA

III. Tune Summary

Tune File I.D. Number	Acceptable ?	Comments
1. V5F1810	YES	INITIAL- W
2. V5F1990	YES	SAMPLES –W
3.		
4. S2D9315	Yes	Initial
5. S2D9690	Yes	samples
6.		
7.		
8. /		
9.		

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Fraction: VOA, SVOA,

IV. Initial Calibration Summary (GC/MS)

Date of Calibration: 4/1, 3/17/04

A. Standard Data Files

Standard 1 ID: <u>V5F1812, S2D9318</u>	Conc: <u>10, 20</u>
Standard 2 ID: <u>V5F1815, S2D9316</u>	Conc: <u>20, 50</u>
Standard 3 ID: <u>V5F1811, S2D9319</u>	Conc: <u>50, 80</u>
Standard 4 ID: <u>V5F1814, S2D9320</u>	Conc: <u>100, 120</u>
Standard 5 ID: <u>V5F1813, S2D9317</u>	Conc: <u>200, 160</u>

B. 1. All SPCC met Criteria ?

Yes

2. Calculate a SPCC average RRF

Comments: _____

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry

Laboratory
Name: Mitkem

Reviewer: R. Petrella

Date of Review: 5/28/04

Fraction: VOA, SVOA

Date of Calibration: 4/1, 3/17/04

IV. Initial Calibration Summary (continued)

2. All CCC met Criteria ?

Yes

Comments: _____

Calculate a CCC % RSD

C. 1. Was the tune for the initial calibration acceptable ?

Yes

2. Was the calibration conducted within 12 hours of the tune

Yes

Comments: _____

D. Overall assessment of the initial calibration: (list the associated samples)

All ok

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Fraction: SVOA

VI. Continuing Calibration Summary (GC/MS)

Date of Initial Calibration: 4/1, 3/17/04

Date of Continuing Calibration: 4/13

File ID: V5F1991,
S2D9534,
S2D9571,
S2D9595,
S2D9611

A. 1. All SPCC met criteria ?

Yes

Calculate a SPCC RRF

Comments: _____

2. All CCC met criteria ?

Yes

Calculate a CCC % D

Comments: Protocol allows up to 4 %D to be above the 25% limit as long as its <40%,
qualification of the data was not required

B. Overall assessment of Continuing Calibration
(list associated samples)

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Fraction: SVOA, VOA

VIII. Internal Standard Area Summary (GC/MS)

Were all internal standard peak areas within the contract limits ?

Yes

If No, please note below

<u>Sample</u>	<u>Internal Standard Outside Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Fraction: SVOA

IX. Blank Summary

Date/Time of Analysis: _____ File ID: _____

All SVOA blanks were clean

<u>Compound</u>	<u>Concentration</u>	<u>≤ CROL</u>	<u>Comments</u>
bis2ethylhexylphth- 20 J alate			Found in SBLK2S, all sample results have been qualified as ND if present.

List the samples associated with this method blank.

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Fraction: VOA, SVOA, PEST, herb

X. Surrogate Recovery Summary

For SVOA protocol allows one recovery per fraction to be outside QC limits as long as its >10%

Were all surrogate recoveries within the contract limits ?

Yes

If No, please note below.

<u>Sample</u>	<u>Surrogate Compound Outside Recovery Limits</u>	<u>Amount Above Contract Requirement</u>	<u>Comments</u>

DATA VALIDATION – ORGANICS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Fraction: VOA, SVOA, PEST, HERB

XI. Matrix Spike/Matrix Spike Duplication Summary

Sample ID: BP-4 Matrix: WATER

Did the MS/MSD recovery data meet the contract recommended requirements ?

YES – VOA, PEST No- SVOA, herb

If No, please note below.

Recovery of phenol and pentachlorophenol in BP4 was slightly above limits in both the MS and MSD, but the RPD was ok.

Herb: 4 of 10 recoveries and 1 of 10 RPDs out

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

I. Holding times

<u>Sample</u>	<u>Date Received</u>	<u>Date Digested</u>	<u>Date Analyzed</u>	<u>Holding Time Exceeded?</u>
BP-MW-1	4/7/04		4/2-4/9	No
BP-6	4/7/04		4/2-4/9	No
BP-4*	4/7/04		4/2-4/9	No
*Sample run as MS/MSD			4/2-4/9	No

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Associated Samples: _____

II. Initial Calibration

1. Were all initial instrument calibrations performed?

Yes

2. Were the initial calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

3. Were the initial calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

Associated Samples: _____

III. Continuing Calibration

1. Were the continuing calibration verification standards analyzed at the contract specified frequency?

Yes

Comments:

2. Were the continuing calibration results within the control limits listed below?

For tin and mercury: 80-120% of the true value

For all other metals: 90-110% of the true value

Yes

If "No", note analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

IV. Blank Summary

A. Method Blanks

1. Was a method blank prepared and analyzed at the contract specified frequency?

Yes

2. Were all the analytes below the CRDL in the method blank?

Yes

Comments:

B. Calibration Blanks

1. Were all initial and continuing calibration blanks analyzed at the contract specified frequency/

Yes

2. Were all the analytes below the CRDL in all the calibration blanks?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

BP4

V. Duplicate Analysis

1. Was a duplicate prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were control limits for the relative percent differences (RPD) met for each analyte?

Yes

Comments:

For sample values >5 times the CRDL, the RPD control limit is $\pm 20\%$.

For sample values ≤ 5 times the CRDL, the RPD control limit is $\pm \text{CRDL}$.

If sample results were outside of the control limits, all data associated with that duplicate sample should have been flagged with a “*”.

DATA VALIDATION – METALS

Site Name: Blue Point Laundry

Laboratory Name: Mitkem

Reviewer: R. Petrella

Date of Review: 5/28/04

BP4

VI. Matrix Spike Analysis

1. Was a matrix spike prepared and analyzed at the contract specified frequency?

Yes

Comments:

2. Were the matrix spike recoveries within the contract specified control limits (75-125%)?

No

If "No", note analytes Se was but a post digest spike was run and all recovery was within limits.

Data should have been flagged with "N" for analytes out of control limits. If the sample concentration exceeds the spike concentration by a factor of four or more, no flag is required.

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

VII. ICP Interference Check Sample Summary

1. Was the ICP serial dilution analyzed at the contract specified frequency?

Yes

Comments:

2. Were the serial dilution differences within the contract specified limits of $\pm 10\%$?

Yes

Comments:

3. Was the ICP CRDL check standard analyzed at the contract specified frequency for the analytes required?

Yes

Comments:

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

VII. ICP Interference Check Sample Summary (continued):

4. Was the ICP interference check sample analyzed at the contract specified frequency:

Yes

Comments:

5. Were the ICP interference check sample results within the control limit of $\pm 20\%$ of the mean value?

Yes

If "No", not analytes _____

DATA VALIDATION – METALS

Site Name: Blue Point Laundry Laboratory Name: Mitkem

Reviewer: R. Petrella Date of Review: 5/28/04

VIII. Laboratory Control Sample Analysis

1. Was a laboratory control sample analyzed at the contract required frequency?

Yes

Comments:

2. Were the percent recoveries within the control limits of 80-120% (except for Ag and Sb) for each analyte?

Yes

Comments:
