



SUBSURFACE SOIL INVESTIGATION

**Empire State Varnish Company, Inc.
38 Varick Street
Brooklyn, NY 11222**

Prepared by:

**CA RICH CONSULTANTS, INC.
17 Dupont Street
Plainview, New York 11803
(516) 576-8844**

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June 11, 2007

Mr. Vivek Nattanmai
New York State Department of Environmental Conservation
Remedial Bureau D
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233-7013

Re: **Subsurface Soil Investigation**
Empire State Varnish Company, Inc.
38 Varick Street, Brooklyn, NY 11222
Site ID # 224123
RCRA Case # C02-20030729-161

Dear Mr. Nattanmai:

1.0 INTRODUCTION

On behalf of the Empire State Varnish Company, Inc. (Empire), CA Rich Consultants, Inc. (CA RICH) is pleased to submit this report outlining subsurface soil testing activities for the above-referenced property ("the Site"). This Report was prepared in accordance with the NYSDEC-approved Planned Site Closure Activities and Subsurface Investigation Report for the Site dated April 11, 2007.

2.0 BACKGROUND AND PURPOSE

2.1 General Site Information

The EMPIRE property is situated along the east side of Varick Street approximately 200 feet from the corner of Bridgewater Street in Greenpoint, NY. The irregular shaped Property is also accessed from Bridgewater Street. The Property is zoned M3-1 and consists of an approx. 30,000 sq. ft. lot improved with several small old buildings that were utilized to produce varnish and paint.

EMPIRE has been producing paint and varnish on-site since the 1930's. The production process involved heating and mixing natural or synthetic resins with a vegetable oil and/or a volatile solvent in large kettles. The oils used by EMPIRE were soybean and linseed oils. The volatile organic chemical solvent commonly used by EMPIRE was mineral spirits. The mineral spirits were stored on-site in underground storage tanks (USTs) until the early 1980's. The facility now uses only aboveground tanks (ASTs) or 55-gallon drums to store raw materials or finished product. Over the past few years, Mr. Richard Stark, existing property Owner, has been in the process of completing the final stages of certain regulatory compliance requirements under the Resource Conservation & Recovery Act (RCRA) mandated by the NYSDEC.

2.2 Regional Petroleum Spill

The neighborhood in which EMPIRE is situated contains a fairly widespread, notable, historical oil spill ("the Greenpoint Spill"). The Greenpoint Spill occurs as a subsurface plume present chiefly at water table depths. A portion of this approximately 55-acre plume of petroleum occurs beneath the subject property.

Over the past decade, Exxon/Mobil has been the lead responsible party managing the NYSDEC-required remedial investigation and cleanup of the well documented Greenpoint Spill in conformance with several Consent Orders. The pace, removal efficiencies, and adequacy of ExxonMobil's oil recovery efforts are presently the subject of recent litigation. To date, on the order of about 9 million gallons of hydrocarbon product have reportedly been removed from the subsurface plume by several active recovery wells operated by ExxonMobil throughout the impacted area of Greepoint. However, the length of time still required to adequately remediate the remaining oil in the ground, to the satisfaction of concerned parties and regulating agencies, is unknown.

ExxonMobil has expressed interest in purchasing the Site to expand the product recovery system by installing additional recovery wells. In the winter of 2007 a subsurface investigation was conducted by Roux Associates, Inc. on behalf of ExxonMobil to determine if historic varnish operations have impacted the shallow subsurface soils and to evaluate the potential for the installation of recovery wells on the Site to enhance the ongoing recovery of product from the Greenpoint Spill.

Based upon the work conducted to date by Roux Associates, Inc., it was proposed that additional shallow soil testing be conducted in the formerly inaccessible production areas. The Scope of Work detailed in this Report was performed to further evaluate the shallow soil quality beneath the formerly inaccessible production areas for signs of contamination that may be attributable to Empire's operations.

3.0 SUBSURFACE SOIL BORINGS

CA RICH performed the subsurface investigation through the conductance of subsurface boring activities at the six locations identified on Figure 1 (attached). A track-mounted remote access Geoprobe™ drill rig was mobilized to install six small-diameter soil borings through the concrete slab to a depth of 10-feet below grade. Soil/fill samples were continuously collected from each boring for real time organic headspace analysis using a calibrated photoionization detector (PID) and a Flameionization Detector (FID). Boring logs detailing the subsurface conditions observed are included in Appendix A.

Although no indication of shallow soil contamination was observed with field instrumentation, one shallow soil sample ranging from 2-5 feet was collected from each boring for laboratory testing purposes. Soil borings GP-4 and GP-6 revealed a thin clay layer at eight feet below grade. The soil beneath the clay layer exhibited olfactory indications of petroleum as well as PID readings ranging from 50 to 86 parts per million (ppm). A member of Roux Associates, Inc. confirmed that this situation appeared similar to subsurface conditions at other locations in the vicinity of the Greenpoint Spill. Based upon our discussions with NYSDEC personnel on-site to oversee the sampling activities, additional samples were collected from 10 feet below grade at locations GP-4 and GP-6.

4.0 ANALYTICAL RESULTS

A total of eight soil samples (6 shallow & 2 deep) were submitted to the Mitkem Corporation, a New York State Certified laboratory and analyzed for volatile organic compounds (VOCs) via Method 8260, semi-volatile organic compounds (SVOCs) via Method 8270 and the eight RCRA-listed heavy metals. The sample collection and testing activities were performed in accordance with the Quality Assurance Project Plan prepared for this project. A comparison of these results to the guidance provided in the NYSDEC Part 375 Restricted-Commercial Cleanup levels is presented on Tables 1, 2 & 3. A copy of the results and a CD containing the entire ASP Category B laboratory data package in PDF format is included as Appendix B.

VOCs

The results indicate that all VOCs detected in the soil were far below the NYSDEC Part 375 Restricted-Commercial Cleanup levels at each location.

SVOCs

The results indicate that all SVOCs detected in the soil were below the NYSDEC Part 375 Restricted-Commercial Cleanup levels with the exception of Benzo(a)pyrene in sample GP-2. At this location 3-4 feet below the concrete slab of the mixing department, Benzo(a)pyrene was reported at 2,850 parts per billion (ppb), slightly above the Restricted Commercial Cleanup Level of 1,000 ppb. A field duplicate sample of GP-2 was submitted to the lab as GP-X. The results for the field duplicate are similar to the original run with Benzo(a)pyrene reported at 1,770 ppb.

Heavy Metals

The results indicate that all heavy metals detected in the soil were far below the NYSDEC Part 375 Restricted-Commercial Cleanup levels at all locations except the field duplicate sample (GP-X). The field duplicate sample was performed on GP-2. However, the metals results for GP-X reported arsenic at 22.3 ppm while sample GP-2 did not detect arsenic. The NYSDEC Restricted Commercial Cleanup Level for arsenic is 16 ppm. The eastern U.S.A. background level for arsenic is between 3 to 12 ppm.

5.0 CONCLUSION

The objective of this investigation was to further evaluate the environmental integrity of the shallow subsurface soil beneath formerly inaccessible varnish manufacturing areas. With the use of a remote access Geoprobe™ the shallow soils beneath six separate areas were sampled and chemically analyzed for any evidence of possible contamination that may be attributable to historic varnish production at this Site.

The results indicate that virtually all of the shallow soil tested beneath the Site at various locations is well within NYSDEC's Restricted Commercial Cleanup Levels. The only exception is Benzo(a)pyrene and arsenic at location GP-2. Based upon our experience, the reported levels in the shallow soil are similar to levels found in "urban fill" material beneath most other industrial areas throughout New York City's five Boroughs and are not attributable to varnish production activities. The presence of the concrete slab eliminates any direct human health exposure pathway, thus no further testing or excavation of soil is necessary at this time. However, if future redevelopment plans include removal of the slab thereby creating a potential exposure pathway, then limited soil excavation and additional soil testing for SVOCs and heavy metals should be conducted by the owner of the property at that time.

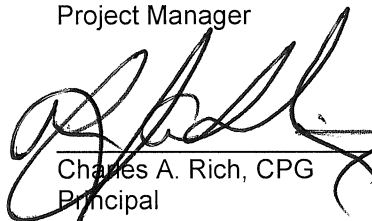
If you have questions, please do not hesitate to call us at your earliest convenience.

Respectfully submitted,

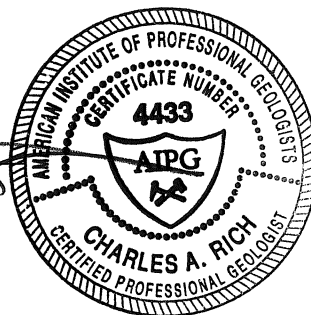
CA Rich Consultants, Inc.



Stephen Malinowski
Project Manager



Charles A. Rich, CPG
Principal

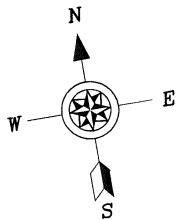


STM/CAR

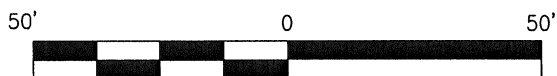
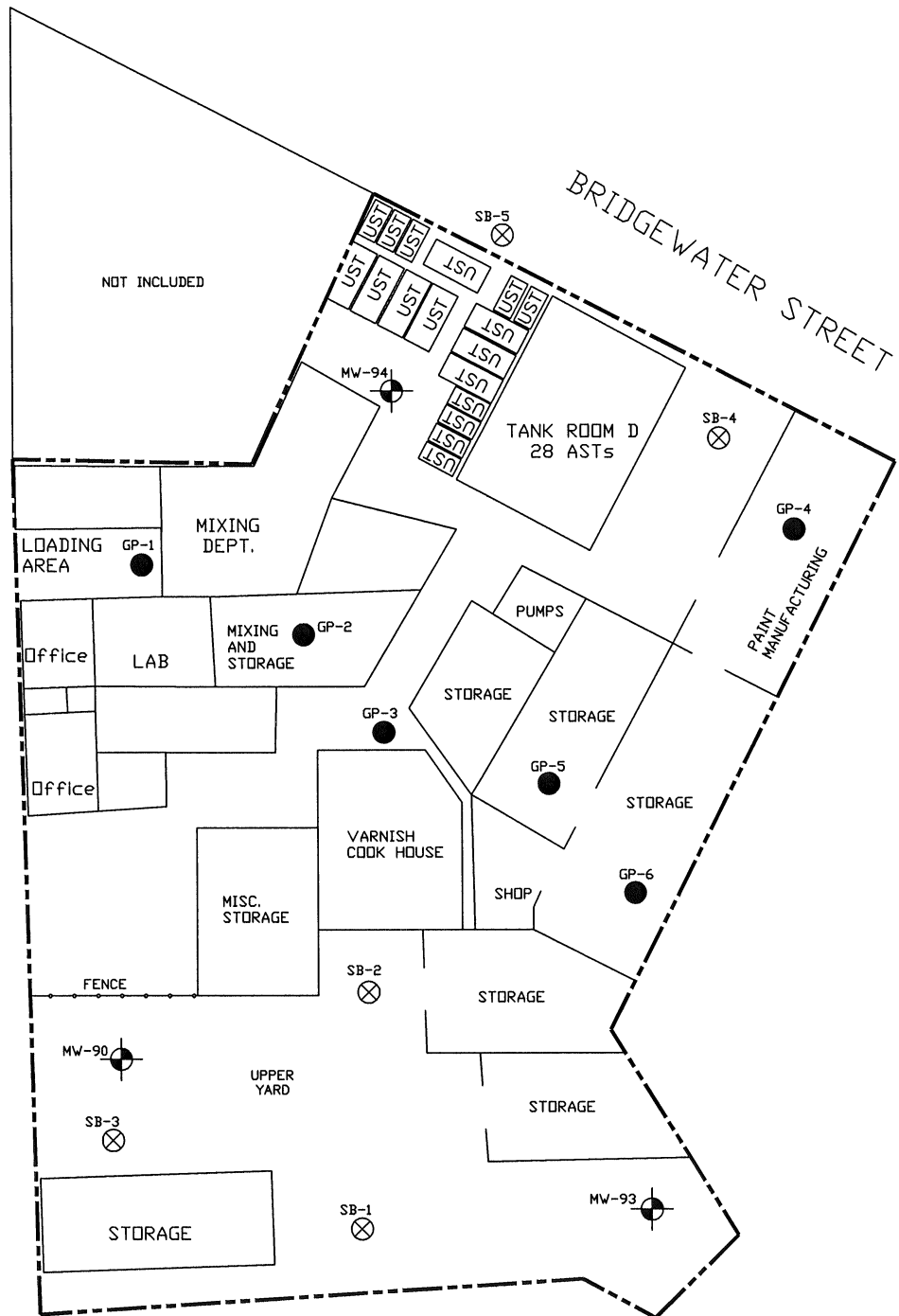
Attachments

cc: Christopher Proce, Roux Associates, Inc.
Michael T. Millar, McCusker, Anselmi, Rosen, Carvelli & Walsh
Richard Stark, Empire State Varnish
Stephen B. Latham, Esq., Twomey, Latham, Shea & Kelly, LLP
Steve P. Trifiletti, ExxonMobil

Figure



VARICK STREET



LEGEND

● CA Rich Soil Boring Location

⊕ ExxonMobil Monitoring Well

⊗ Previous Soil Boring Location

--- Approximate Property Boundary

CA RICH CONSULTANTS, INC.

Certified Groundwater and Environmental Specialists
17 Dupont Street, PLainview, New York 11803

TITLE:

SITE PLAN &
SAMPLING LOCATIONS

DATE:

6/6/07

SCALE:

AS SHOWN

FIGURE:

1

DRAWING NO:

2006-33B

EMPIRE STATE VARNISH
38 VARICK STREET
BROOKLYN, NEW YORK

DRAWN BY:

D.H.W..

APPR BY:

S.T.M.

Tables

Table 1

Analytical Results for Volatile Organic Compounds in Soil

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID Depth in Feet Date Sampled	GP-1 (3-4) 5/10/2007	GP-2 (3-4) 5/10/2007	GP-X (3-4) 5/10/2007	GP-3 (2,5-3) 5/10/2007	GP-4 4.5 5/10/2007	GP-4 10 5/10/2007	GP-5 (4-5) 5/10/2007	GP-6 (4-5) 5/10/2007	GP-6 10 5/10/2007	NYSDEC Restricted- Commercial Part 375
Volatile Organic Compounds										
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Dichlorodifluoromethane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Chloromethane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Vinyl Chloride	5U	5U	5U	5U	5U	5U	5U	5U	6U	13,000
Bromomethane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Chloroethane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Trichlorofluoromethane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
1,1-Dichloroethane	5U	5U	5U	5U	2J	5U	5U	5U	6U	240,000
Acetone	5U	5U	5U	5U	5U	13	5U	5U	15	500,000
Carbon Disulfide	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Methylene Chloride	5U	5U	5U	5U	5U	5U	5U	5U	6U	500,000
trans-1,2-Dichloroethene	5U	5U	5U	5U	5U	5U	5U	5U	6U	500,000
Methyl tert-butyl ether	5U	5U	5U	5U	5U	5U	5U	5U	2J	500,000
1,1-Dichloroethene	5U	5U	5U	5U	5U	5U	5U	5U	6U	500,000
2- Butanone	5U	5U	5U	5U	5U	5U	5U	5U	6U	500,000
cis-1,2-Dichloroethene	5U	5U	5U	5U	5U	5U	5U	5U	6U	500,000
Chloroform	5U	5U	5U	1J	5U	5U	5U	5U	6U	350,000
1,1,1-Trichloroethane	5U	6	7	9	5U	5U	5U	5U	6U	500,000
Carbon Tetrachloride	5U	5U	5U	5U	5U	5U	5U	5U	6U	22,000
1,2-Dichloroethane	5U	5U	5U	5U	5U	5U	5U	5U	6U	30,000
Benzene	5U	5U	5U	5U	5U	5U	5U	5U	6J	44,000
Trichloroethene	5U	5U	5U	5U	5U	5U	5U	5U	6U	200,000
1,2-Dichloropropane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Bromodichloromethane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
cis-1,3-Dichloropropene	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
4-Methyl-2-pentanone	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Toluene	5U	5U	5U	5U	5U	5U	5U	5U	7	500,000
trans-1,3-Dichloropropane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
1,1,2-Trichloroethane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Tetrachloroethene	5U	5U	5U	5U	5U	5U	5U	5U	6U	150,000
2-Hexanone	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Dibromochloromethane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
1,2-Dibromoethane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Chlorobenzene	5U	5U	5U	5U	5U	5U	5U	5U	6U	500,000
Ethylbenzene	5U	5U	5U	5U	5U	5U	5U	5U	1J	390,000
Xylene (Total)	5U	5U	5U	5U	5U	5U	5U	5U	16	500,000
Styrene	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Bromoform	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Isopropylbenzene	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
1,1,2,2-Tetrachloroethane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
1,3,5-Trimethylbenzene	5U	5U	5U	5U	5U	5U	5U	5U	2J	190,000
1,2,4-Trimethylbenzene	5U	5U	5U	5U	5U	5U	5U	5U	5J	190,000
1,3-Dichlorobenzene	5U	5U	5U	5U	5U	5U	5U	5U	6U	280,000
1,4-Dichlorobenzene	5U	5U	5U	5U	5U	5U	5U	5U	6U	130,000
1,2-Dichlorobenzene	5U	5U	5U	5U	5U	5U	5U	5U	6U	500,000
1,2-Dibromo-3-chloropropane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
1,2,4-Trichlorobenzene	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
1,1,2-Trichlo-1,2,2-trifluor	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Methyl Acetate	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Cyclohexane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG
Methylcyclohexane	5U	5U	5U	5U	5U	5U	5U	5U	6U	NVG

Notes:

J- Detection under laboratory detection limits

U- Not detected at or above laboratory detection limits.

NVG - No Value Given.

*GP-X (3-4) is a duplicate of GP-2 (3-4)

Detections shown in bold

Table 2

Analytical Results for Semi-Volatile Organic Compounds in Soil

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID Depth in Feet Date Sampled	GP-1 (3-4) 5/10/2007	GP-2 (3-4) 5/10/2007	GP-X* (3-4) 5/10/2007	GP-3 (2,5-3) 5/10/2007	GP-4 4.5 5/10/2007	GP-4 10 5/10/2007	GP-5 (4-5) 5/10/2007	GP-6 (4-5) 5/10/2007	GP-6 10 5/10/2007	NYSDEC Restricted- Commercial Part 375
Semi-Volatile Organic Compounds										UG/KG
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Phenol	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	500,000
bis(2-Chloroethyl)Ether	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
2-Chlorophenol	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
2-Methylphenol	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	500,000
2,2'-oxybis(1-Chloropropane)	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
4-Methylphenol	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
N-Nitroso-di-n-propylmine	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Hexachloroethane	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Nitrobenzene	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Isophorone	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
2-Nitrophenol	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
2,4-Dimethylphenol	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
2,4-Dichlorophenol	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
1,2,4-Trichlorobenzene	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Naphthalene	370 U	106 J	68.7 J	320 U	354 U	360 U	348 U	350 U	411 U	500,000
4-Chloroaniline	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Hexachlorobutadiene	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
bis(2-Chloroethoxy)methane	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
4-Chloro-3-Methylphenol	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
2-Methylnaphthalene	370 U	53.4 J	90.0 J	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Hexachlorocyclopentadiene	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
2,4,6-Trichlorophenol	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
2,4,5-Trichlorophenol	760 U	762 U	765 U	660 U	718 U	731 U	706 U	700 U	835 U	NVG
2-Chloronaphthalene	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
2-Nitroaniline	760 U	762 U	765 U	660 U	718 U	731 U	706 U	700 U	835 U	NVG
Dimethylphthalate	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Acenaphthylene	370 U	82.3 J	89.5 J	320 U	354 U	360 U	348 U	350 U	411 U	500,000
2,6-Dinitrotoluene	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
3-Nitroaniline	760 U	762 U	765 U	660 U	718 U	731 U	706 U	700 U	835 U	NVG
Acenaphthene	370 U	189 J	89.3 J	320 U	354 U	360 U	348 U	350 U	411 U	500,000
2,4-Dinitrophenol	760 U	762 U	765 U	660 U	718 U	731 U	706 U	700 U	835 U	NVG
4-Nitrophenol	760 U	762 U	765 U	660 U	718 U	731 U	706 U	700 U	835 U	NVG
Dibenzofuran	370 U	157 J	75.1 J	320 U	354 U	360 U	348 U	350 U	411 U	350,000
2,4-Dinitrotoluene	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Diethylphthalate	370 U	468	77.3 J	320 U	107 J	360 U	348 U	350 U	411 U	NVG
4-Chlorophenyl-phenylether	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Fluorene	370 U	171 J	74.9 J	320 U	354 U	360 U	706 U	350 U	411 U	500,000
4-Nitroaniline	760 U	762 U	765 U	660 U	718 U	731 U	706 U	700 U	835 U	NVG
4,6-Dinitro-2-methylphenol	760 U	762 U	765 U	660 U	718 U	731 U	348 U	700 U	835 U	NVG
N-Nitrosodiphenylamine_(1)	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
4-Bromophenyl-phenylether	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Hexachlorobenzene	370 U	376 U	377 U	320 U	354 U	360 U	706 U	350 U	411 U	6,000
Pentachlorophenol	760 U	762 U	765 U	660 U	718 U	731 U	348 U	700 U	835 U	6,700
Phenanthrene	370 U	3,000	1,420	320 U	360 U	348 U	350 U	411 U	411 U	500,000
Anthracene	370 U	496	281 J	320 U	41.5 J	360 U	348 U	350 U	411 U	500,000
Carbazole	370 U	248 J	134 J	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Di-n-butyl phthalate	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Fluoranthene	370 U	4,770	3,340	320 U	355	360 U	348 U	47 J	411 U	500,000
Pyrene	370 U	4,320	2,920	320 U	360	360 U	348 U	49 J	411 U	500,000
Butylbenzylphthalate	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
3,3'-Dichlorobenzidine	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Benzo (a) anthracene	370 U	2,680	1,820	320 U	205 J	360 U	348 U	350 U	411 U	5,600
Chrysene	370 U	2,880	1,750	320 U	202 J	360 U	348 U	350 U	411 U	56,000
bis(2-Ethylhexyl)phthalate	120 JB	223 JB	340 JB	420 B	232 JB	243 JB	184 JB	110 JB	281 JB	NVG
Di-n-octylphthalate	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Benzo(b)fluoranthene	370 U	3,950	2,610	40 J	287 J	360 U	348 U	350 U	411 U	5,600
Benzo(k)fluoranthene	370 U	1,300	866	320 U	94.0 J	360 U	348 U	350 U	411 U	56,000
Benzo(a)pyrene	370 U	2,850	1,770	320 U	200 J	360 U	348 U	350 U	411 U	1,000
Indeno(1,2,3-cd)pyrene	370 U	1,600	1,100	320 U	125 J	360 U	348 U	350 U	411 U	5,600
Dibenzo(a,h)anthracene	370 U	543	332 J	320 U	354 U	360 U	348 U	350 U	411 U	560
Benzo(g,h,i)perylene	370 U	1,990	1,310	320 U	354 U	360 U	348 U	350 U	411 U	500,000
1,1'-Biphenyl	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Acentophenone	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	500,000
Atrazine	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Benzaldehyde	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG
Caprolactam	370 U	376 U	377 U	320 U	354 U	360 U	348 U	350 U	411 U	NVG

Notes:
 U- Not detected at or above laboratory detection limits.
 NVG - No Value Given.
 B - Compound detected in laboratory method blank
 J- Detection under laboratory detection limits
 *GP-X (3-4) is a duplicate of GP-2 (3-4)

Detections shown in bold

Bold and boxed indicates value is above the NYSDEC Part 375 Restricted Commercial Cleanup Value

Table 3

Analytical Results for Metals in Soil
Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID Depth in Feet Date Sampled	GP-1 (3-4) 5/10/2007	GP-2 (3-4) 5/10/2007	GP-X* (3-4) 5/10/2007	GP-3 (2.5-3) 5/10/2007	GP-4 4.5 5/10/2007	GP-4 10 5/10/2007	GP-5 (4-5) 5/10/2007	GP-6 (4-5) 5/10/2007	GP-6 10 5/10/2007	NYSDEC Restricted-Commercial Part 375	Eastern U.S.A. Background
Heavy Metals											
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Arsenic	1.0	0.073 U	22.3	3.3	3.0	0.62 B	0.49 B	4.9	0.24 B	16	3 to 12
Barium	41.5	0.89 B	295	153	49.7	29.1	30	34.5	20.2	400	15 to 600
Cadmium	0.038 B	0.0053 U	2.6	1.8	0.11 B	0.0055 B	0.0050 U	0.089 B	0.0049 U	9.3	0.1 to 1
Chromium	13.2 E	23.4 E	48.2 E	20.7 E	9.1 E	12.3 E	9.1 E	8.8 E	6.9 E	NVG	1.5 to 40
Lead	10.5 E	0.99 E	691 E	98.1 E	52.6 E	8.3 E	7.7 E	26.5 E	6.4 E	1,000	**
Mercury	0.0077 U	0.70	0.67	0.19	0.14	0.0076 U	0.0067 U	0.058	0.0085 U	2.8	0.001 to 0.2
Selenium	0.046 U	0.064 U	0.069 U	0.071 U	0.038 U	0.050 U	0.061 U	0.037 U	0.060 U	1,500	0.1 to 3.9
Silver	0.38 B	0.055 B	2.1	0.77 B	0.30 B	0.43 B	0.28 B	0.29 B	0.26 B	1,500	NA
Notes: MG/KG - milligram per kilogram or parts per million NVG- No value Given *GP-X (3-4) is a duplicate of GP-2 (3-4) U- Not detected at or above laboratory detection limits. NA - Not Available SB - Site Background Bold indicates compound is above both eastern U.S.A. background and NYSDEC Restricted Commercial Limits. E-Serial Dilution B- Result is between Method Detection Limit and Practical Quantitation Limit											
** Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61 ppm. Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200-500 ppm.											

Appendix A
Boring Logs



CA RICH Consultants, Inc.

17 Dupont Street, Plainview, New York 11803

Boring Number GP-1

BORING LOG

Project Name Empire State Varnish		Site 38 Varick Street		Date: 5/9/2007	
Drilling Company Eastern Environmental Solutions, Inc.		Foreman Josh		Sampler(s) Victoria Whelan	
Drilling Equipment 6610DT Track Geoprobe		Method Direct Push		Sampler Hammer NA	
Bit Size(s) 5-Feet		Core Barrel(s) 2 1/4 -inch		Completion Depth 10 feet	
				Rock Depth NA	
				Geologist(s) Victoria Whelan	

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts		
LOCATION: GP-1					SURFACE DESCRIPTION: Concrete	In loading area
0	N/A			N/A	Poor recovery	
1					Poor recovery	
	N/A			N/A	Poor recovery	
					Poor recovery	
2	N/A	Full	0.0	N/A	Medium grain, minor small pebbles, light brown sands	
		Full	0.0		Medium grain, minor small pebbles, light brown sands	Sample: GP-1 (3-4 ft.) collected at 9:30 a.m. PID = 0.0
3	N/A	Full	0.0	N/A	Medium grain, minor small pebbles, light brown sands	
		Full	0.0		Medium grain, minor small pebbles, light brown sands	
4	N/A	Full	0.0	N/A	Medium grain, minor small pebbles, light brown sands	
		Full	0.0		Medium grain, minor small pebbles, light brown sands	
5	N/A			N/A	Poor Recovery	
					Poor Recovery	
6	N/A			N/A	Poor Recovery	
					Poor Recovery	
7	N/A	Full	0.0	N/A	Medium grain, light brown even sands	
		Full	0.0		Medium grain, light brown even sands	GP-1 (7.5-8ft.) collected at 9:30 a.m. Sample placed on hold, not submitted PID = 0.0
8	N/A	Full	0.0	N/A	Medium grain, light brown even sands	
		Full	0.0		Medium grain, light brown even sands	
9	N/A	Full	0.0	N/A	Medium grain, light brown even sands	
		Full	0.0		Medium grain, light brown even sands	
10	N/A			N/A	Medium grain, light brown even sands	



CA RICH Consultants, Inc.

17 Dupont Street, Plainview, New York 11803

Boring Number GP-2

BORING LOG

Project Name Empire State Varnish					Site 38 Varick Street		Date: 5/9/2007	
Drilling Company Eastern Environmental Solutions, Inc.					Foreman Josh		Sampler(s) Victoria Whelan	
Drilling Equipment 6610DT Track Geoprobe					Method Direct Push		Sampler Hammer NA	
Bit Size(s) 5-Feet					Core Barrel(s) 2 1/4 -inch		Drop NA	
							Elevation & Datum NA	
							Completion Depth 10 feet	
							Rock Depth NA	
							Geologist(s) Victoria Whelan	

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (feet)	FID / PID (ppm)	Blow Counts		
0	LOCATION: GP-2				SURFACE DESCRIPTION: Concrete	In mixing room Background PID =.2
	N/A			N/A	Poor recovery	Background FID: 1.1
1					Poor recovery	
	N/A			N/A	Poor recovery	
					Poor recovery	
2	N/A	Full	0.0	N/A	Dark brown to black fill	
		Full	0.0		Dark brown to black fill	
3	N/A	Full	1.7	N/A	2 in. thick dark black fill, high on PID of 1.7	Sample: GP-2 (3-4 ft.) collected at 10:15 a.m.
		Full	0.0		Fill, concrete, brick, pebbles, asphalt	PID = 0.0
4	N/A	Full	0.0	N/A	Fill, concrete, brick, pebbles, asphalt	Sampled was duplicated, GP-X (3-4ft.)
		Full	0.0		Fill, concrete, brick, pebbles, asphalt	
5	N/A			N/A	Poor Recovery	
					Poor Recovery	
6	N/A			N/A	Poor Recovery	
					Poor Recovery	
7	N/A	Full	0.0	N/A	Medium grain, light brown even sands	
		Full	0.0		Medium grain, light brown even sands	Sample placed on hold, not submitted
8	N/A	Full	0.0	N/A	Medium grain, light brown even sands	PID = 0.0
		Full	0.0		Medium grain, light brown even sands	GP-2 (8ft.) collected at 10:25 a.m.
9	N/A	Full	0.0	N/A	Medium grain, light brown even sands	
		Full	0.0		Medium grain, light brown even sands	
10	N/A		0.0	N/A	Medium grain, light brown even sands	

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Signature:

Date:

5/9/2007



CA RICH Consultants, Inc.

17 Dupont Street, Plainview, New York 11803

Boring Number GP-3

BORING LOG

Project Name Empire State Varnish		Site 38 Varick Street		Date: 5/9/2007	
Drilling Company Eastern Environmental Solutions, Inc.		Foreman Josh		Sampler(s) Victoria Whelan	Sampler Hammer NA
Drilling Equipment 6610DT Track Geoprobe		Method Direct Push		Elevation & Datum NA	Completion Depth 10 feet
Bit Size(s) 5-Feet		Core Barrel(s) 2 1/4 -inch		Geologist(s) Victoria Whelan	

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (feet)	FID/ PID (ppm)	Blow Counts		
	LOCATION: GP-3				SURFACE DESCRIPTION: Concrete	Outside of cook house
0	N/A			N/A	Poor recovery	
1					Poor recovery	
	N/A			N/A	Poor recovery	
2					Poor recovery	
	N/A			N/A	Poor recovery	
3		Full	0.0		Medium grain, light brown sand	Sample: GP-3 (2.5-3 ft.) collected at 10:45 a.m. PID = 0.0
	N/A	Full	0.0	N/A	Medium grain, light brown sand	
4		Full	0.0		Medium grain, light brown sand	
	N/A	Full	0.0	N/A	Medium grain, light brown sand	
5		Full	0.0		Medium grain, light brown sand	
	N/A			N/A	Poor Recovery	
6					Poor Recovery	
	N/A			N/A	Poor Recovery	
7					Poor Recovery	
	N/A	Full	0.0	N/A	Medium grain, light brown even sands	
8		Full	0.0		Medium grain, light brown even sands	GP-3 (8ft.) collected at 10:50 a.m. Sample placed on hold, not submitted PID = 0.0
	N/A	Full	0.0	N/A	Medium grain, light brown even sands	
9		Full	0.0		Medium grain, light brown even sands	
	N/A	Full	0.0	N/A	Medium grain, light brown even sands	
10		Full	0.0		Medium grain, light brown even sands	
	N/A			N/A	Medium grain, light brown even sands	

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Signature:

Date: 5/9/2007



CA RICH Consultants, Inc.

17 Dupont Street, Plainview, New York 11803

Boring Number **GP-4**

BORING LOG

Project Name Empire State Varnish		Site 38 Varick Street		Date: 5/9/2007	
Drilling Company Eastern Environmental Solutions, Inc.		Foreman Josh		Sampler(s) Victoria Whelan	
Drilling Equipment 6610DT Track Geoprobe		Method Direct Push		Sampler Hammer NA	
Bit Size(s) 5-Feet		Core Barrel(s) 2 1/4 -inch		Completion Depth 10 feet	
				Rock Depth NA	
				Geologist(s) Victoria Whelan	

DEPTH (ft. below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS
	Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts		
LOCATION: GP-4					SURFACE DESCRIPTION: Concrete	Paint Manufacturing Room
0	N/A			N/A	Poor recovery	
1	N/A			N/A	Poor recovery	
2	N/A			N/A	Poor recovery	
3	N/A	Full	0.0	N/A	Asphalt, white concrete	
4	N/A	Full	0.0	N/A	Medium grain, light brown sand	
5	N/A	Full	0.0	N/A	Medium grain, light brown sand	
6	N/A	Full	0.0	N/A	Medium grain, light brown sand	
7	N/A	Full	0.0	N/A	Medium grain, light brown sand	Sample: GP-4 (4.5 ft.) collected at 11:10 a.m. PID = 0.0
8	N/A	Full	1.0	N/A	Medium grain, light tan/brown sands	
9	N/A	Full	1.7	N/A	Medium grain, light tan/brown sands	
10	N/A	Full	3.0	N/A	Medium grain, light tan/brown sands	
11	N/A	Full	30.0	N/A	Medium grain, light tan/brown sands	
12	N/A	Full	41.3	N/A	Thin clay layer approximately 1in. Thick	GP-4 (8ft.) collected at 11:15 a.m. PID = 50.7
13	N/A	Full	50.7	N/A	Medium grain, light brown, tan sands	



CA RICH Consultants, Inc.

17 Dupont Street, Plainview, New York 11803

Boring Number GP-5

BORING LOG

Project Name Empire State Varnish					Site 38 Varick Street		Date: 5/9/2007					
Drilling Company Eastern Environmental Solutions, Inc.					Foreman Josh		Sampler(s) Victoria Whelan		Sampler Hammer NA		Drop NA	
Drilling Equipment 6610DT Track Geoprobe					Method Direct Push		Elevation & Datum NA		Completion Depth 10 feet		Rock Depth NA	
Bit Size(s) 5-Foot					Core Barrel(s) 2 1/4 -inch		Geologist(s) Victoria Whelan					

DEPTH (ft below grade)	SAMPLES				SOIL DESCRIPTION	REMARKS	
	Sample Number	Recovery (feet)	FID/ PID (ppm)	Blow Counts			
LOCATION: GP-5					SURFACE DESCRIPTION: Concrete		Storage Room
0	N/A			N/A	Poor recovery		
1					Poor recovery		
	N/A			N/A	Poor recovery		
					Poor recovery		
2	N/A			N/A	Asphalt, white concrete		
		Full	0.0		Asphalt, white concrete		
3	N/A	Full	0.0	N/A	Medium grain sand, brown		
		Full	0.0		Medium grain sand, brown		
4	N/A	Full	0.0	N/A	Medium grain sand, brown	Sample: GP-5 (4.5 ft.) collected at 11:30 a.m. PID = 0.0	
		Full	0.2		Medium grain sand, brown		
5	N/A		0.0	N/A	Poor recovery		
			0.0		Poor recovery		
6	N/A	Full		N/A	Medium grain light brown sand		
		Full			Medium grain light brown sand		
7	N/A	Full	0.0	N/A	Medium grain light brown sand		
		Full	0.0		Medium grain light brown sand		
8	N/A	Full	0.0	N/A	Medium grain light brown sand		
		Full	0.0		Medium grain light brown sand		
9	N/A	Full	0.0	N/A	Medium grain light brown sand	Sample placed on hold, not submitted	
		Full	0.0		Medium grain light brown sand	GP-5 (10ft.) collected at 11:45 a.m. PID = 0.0	
10	N/A		0.0	N/A			

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Signature:

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Date:

5/9/2007



CA RICH Consultants, Inc.

17 Dupont Street, Plainview, New York 11803

Boring Number GP-6

BORING LOG

Project Name Empire State Varnish		Site 38 Varick Street		Date: 5/9/2007	
Drilling Company Eastern Environmental Solutions, Inc.		Foreman Josh		Sampler(s) Victoria Whelan	
Drilling Equipment 6610DT Track Geoprobe		Method Direct Push		Sampler Hammer NA	
Bit Size(s) 5-Feet		Core Barrel(s) 2 1/4 -inch		Completion Depth 10 feet	
				Geologist(s) Victoria Whelan	
DEPTH		SAMPLES		SOIL DESCRIPTION	
(ft below grade)	Sample Number	Recovery (feet)	FID/PID (ppm)	Blow Counts	REMARKS
LOCATION:		GP6		SURFACE DESCRIPTION:	
0	N/A			N/A	Concrete
					Poor recovery
1					Poor recovery
	N/A			N/A	Poor recovery
					Poor recovery
2	N/A			N/A	Poor recovery
					Asphalt, white concrete
		Full	0.0		Medium grain, light brown sand
3	N/A	Full	0.0	N/A	Medium grain, light brown sand
		Full	0.0		Medium grain, light brown sand
4			0.0		Medium grain, light brown sand
	N/A	Full	0.0	N/A	Medium grain, light brown sand
		Full	0.0		Medium grain, light brown sand
5	N/A	Full	1.0	N/A	Medium grain, light tan/brown sands
		Full	1.7		Medium grain, light tan/brown sands
6	N/A	Full		N/A	Medium grain, light tan/brown sands
		Full			Medium grain, light tan/brown sands
7	N/A	Full	37.0	N/A	Medium grain, light tan/brown sands
		Full	35.0		Medium grain, light tan/brown sands
8	N/A	Full	30.0	N/A	Thin clay layer approximately 1in. Thick
		Full	30.0		Medium grain, light brown, tan sands
9	N/A	Full	50.0	N/A	Medium grain, light brown, tan sands
		Full	86.4	N/A	Medium grain, light brown, tan sands
10	N/A				GP-6 (10ft.) collected at 12:00 a.m. PID = 86.4

Appendix B

Laboratory Analytical Results

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

3 (2.5-3)

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-04B

Sample wt/vol: 5.5 (g/mL) G

Lab File ID: VLI4964

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 17

Date Analyzed: 05/15/07

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
---------	----------	---	---

75-71-8-----	Dichlorodifluoromethane	5	U
74-87-3-----	Chloromethane	5	U
75-01-4-----	Vinyl Chloride	5	U
74-83-9-----	Bromomethane	5	U
75-00-3-----	Chloroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
67-64-1-----	Acetone	5	U
75-15-0-----	Carbon Disulfide	5	U
75-09-2-----	Methylene Chloride	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
1634-04-4-----	Methyl tert-butyl ether	5	U
75-34-3-----	1,1-Dichloroethane	5	U
78-93-3-----	2-Butanone	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
67-66-3-----	Chloroform	1	J
71-55-6-----	1,1,1-Trichloroethane	9	
56-23-5-----	Carbon Tetrachloride	5	U
107-06-2-----	1,2-Dichloroethane	5	U
71-43-2-----	Benzene	5	U
79-01-6-----	Trichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
75-27-4-----	Bromodichloromethane	5	U
10061-01-5-----	cis-1,3-Dichloropropene	5	U
108-10-1-----	4-Methyl-2-pentanone	5	U
108-88-3-----	Toluene	5	U
10061-02-6-----	trans-1,3-Dichloropropene	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
591-78-6-----	2-Hexanone	5	U
124-48-1-----	Dibromochloromethane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U

FORM I VOA

OLM03.0

0012

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

3 (2.5-3)

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-04B

Sample wt/vol: 5.5 (g/mL) G

Lab File ID: VLI4964

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 17

Date Analyzed: 05/15/07

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
---------	----------	---	---

1330-20-7-----	Xylene (Total) _____	5 U	
100-42-5-----	Styrene _____	5 U	
75-25-2-----	Bromoform _____	5 U	
98-82-8-----	Isopropylbenzene _____	5 U	
79-34-5-----	1,1,2,2-Tetrachloroethane _____	5 U	
108-67-8-----	1,3,5-Trimethylbenzene _____	5 U	
95-63-6-----	1,2,4-Trimethylbenzene _____	5 U	
541-73-1-----	1,3-Dichlorobenzene _____	5 U	
106-46-7-----	1,4-Dichlorobenzene _____	5 U	
95-50-1-----	1,2-Dichlorobenzene _____	5 U	
96-12-8-----	1,2-Dibromo-3-chloropropane _____	5 U	
120-82-1-----	1,2,4-Trichlorobenzene _____	5 U	
76-13-1-----	1,1,2-Trichlo-1,2,2-trifluor _____	5 U	
79-20-9-----	Methyl Acetate _____	5 U	
110-81-7-----	Cyclohexane _____	5 U	
108-87-2-----	Methylcyclohexane _____	5 U	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

3 (2.5-3)

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-04B

Sample wt/vol: 5.5 (g/mL) G

Lab File ID: V1I4964

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 17

Date Analyzed: 05/15/07

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
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.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) WATER

Lab Sample ID: F0602-08A

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

Lab File ID: V6F2853

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. _____

Date Analyzed: 05/16/07

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
---------	----------	--	---

75-71-8-----	Dichlorodifluoromethane	5	U
74-87-3-----	Chloromethane	5	U
75-01-4-----	Vinyl Chloride	5	U
74-83-9-----	Bromomethane	5	U
75-00-3-----	Chloroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
67-64-1-----	Acetone	5	U
75-15-0-----	Carbon Disulfide	5	U
75-09-2-----	Methylene Chloride	4	J
156-60-5-----	trans-1,2-Dichloroethene	5	U
1634-04-4-----	Methyl tert-butyl ether	5	U
75-34-3-----	1,1-Dichloroethane	5	U
78-93-3-----	2-Butanone	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
67-66-3-----	Chloroform	5	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
107-06-2-----	1,2-Dichloroethane	5	U
71-43-2-----	Benzene	5	U
79-01-6-----	Trichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
75-27-4-----	Bromodichloromethane	5	U
10061-01-5-----	cis-1,3-Dichloropropene	5	U
108-10-1-----	4-Methyl-2-pentanone	5	U
108-88-3-----	Toluene	5	U
10061-02-6-----	trans-1,3-Dichloropropene	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
591-78-6-----	2-Hexanone	5	U
124-48-1-----	Dibromochloromethane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) WATER

Lab Sample ID: F0602-08A

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

Lab File ID: V6F2853

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. _____

Date Analyzed: 05/16/07

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
---------	----------	--	---

1330-20-7-----Xylene (Total)_____	5	U
100-42-5-----Styrene_____	5	U
75-25-2-----Bromoform_____	5	U
98-82-8-----Isopropylbenzene_____	5	U
79-34-5-----1,1,2,2-Tetrachloroethane_____	5	U
108-67-8-----1,3,5-Trimethylbenzene_____	5	U
95-63-6-----1,2,4-Trimethylbenzene_____	5	U
541-73-1-----1,3-Dichlorobenzene_____	5	U
106-46-7-----1,4-Dichlorobenzene_____	5	U
95-50-1-----1,2-Dichlorobenzene_____	5	U
96-12-8-----1,2-Dibromo-3-chloropropane_____	5	U
120-82-1-----1,2,4-Trichlorobenzene_____	5	U
76-13-1-----1,1,2-Trichloro-1,2,2-Triflu_____	5	U
79-20-9-----Methyl Acetate_____	5	U
110-81-7-----Cyclohexane_____	5	U
108-87-2-----Methylcyclohexane_____	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) WATER

Lab Sample ID: F0602-08A

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

Lab File ID: V6F2853

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. _____

Date Analyzed: 05/16/07

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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-1 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-01B

Sample wt/vol: 5.3 (g/mL) G

Lab File ID: VLI4984

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 12

Date Analyzed: 05/15/07

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

Dilution Factor: 1.0

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

75-71-8-----	Dichlorodifluoromethane	5	U
74-87-3-----	Chloromethane	5	U
75-01-4-----	Vinyl Chloride	5	U
74-83-9-----	Bromomethane	5	U
75-00-3-----	Chloroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
67-64-1-----	Acetone	5	U
75-15-0-----	Carbon Disulfide	5	U
75-09-2-----	Methylene Chloride	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
1634-04-4-----	Methyl tert-butyl ether	5	U
75-34-3-----	1,1-Dichloroethane	5	U
78-93-3-----	2-Butanone	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
67-66-3-----	Chloroform	5	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
107-06-2-----	1,2-Dichloroethane	5	U
71-43-2-----	Benzene	5	U
79-01-6-----	Trichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
75-27-4-----	Bromodichloromethane	5	U
10061-01-5-----	cis-1,3-Dichloropropene	5	U
108-10-1-----	4-Methyl-2-pentanone	5	U
108-88-3-----	Toluene	5	U
10061-02-6-----	trans-1,3-Dichloropropene	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
591-78-6-----	2-Hexanone	5	U
124-48-1-----	Dibromochloromethane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-1 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-01B

Sample wt/vol: 5.3 (g/mL) G

Lab File ID: V1I4984

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 12

Date Analyzed: 05/15/07

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
---------	----------	---	---

1330-20-7-----	Xylene (Total)	5	U
100-42-5-----	Styrene	5	U
75-25-2-----	Bromoform	5	U
98-82-8-----	Isopropylbenzene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-67-8-----	1,3,5-Trimethylbenzene	5	U
95-63-6-----	1,2,4-Trimethylbenzene	5	U
541-73-1-----	1,3-Dichlorobenzene	5	U
106-46-7-----	1,4-Dichlorobenzene	5	U
95-50-1-----	1,2-Dichlorobenzene	5	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5	U
120-82-1-----	1,2,4-Trichlorobenzene	5	U
76-13-1-----	1,1,2-Trichlo-1,2,2-trifluor	5	U
79-20-9-----	Methyl Acetate	5	U
110-81-7-----	Cyclohexane	5	U
108-87-2-----	Methylcyclohexane	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-1 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-01B

Sample wt/vol: 5.3 (g/mL) G

Lab File ID: V1I4984

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 12

Date Analyzed: 05/15/07

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
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-1 3-4MS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-01BMS

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: V1I4990

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 12

Date Analyzed: 05/15/07

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

Dilution Factor: 1.0

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

75-71-8-----	Dichlorodifluoromethane	41	
74-87-3-----	Chloromethane	56	
75-01-4-----	Vinyl Chloride	33	
74-83-9-----	Bromomethane	18	
75-00-3-----	Chloroethane	25	
75-69-4-----	Trichlorofluoromethane	38	
75-35-4-----	1,1-Dichloroethene	36	
67-64-1-----	Acetone	39	
75-15-0-----	Carbon Disulfide	35	
75-09-2-----	Methylene Chloride	39	
156-60-5-----	trans-1,2-Dichloroethene	40	
1634-04-4-----	Methyl tert-butyl ether	45	
75-34-3-----	1,1-Dichloroethane	42	
78-93-3-----	2-Butanone	43	
156-59-2-----	cis-1,2-Dichloroethene	42	
67-66-3-----	Chloroform	41	
71-55-6-----	1,1,1-Trichloroethane	41	
56-23-5-----	Carbon Tetrachloride	38	
107-06-2-----	1,2-Dichloroethane	42	
71-43-2-----	Benzene	43	
79-01-6-----	Trichloroethene	41	
78-87-5-----	1,2-Dichloropropane	42	
75-27-4-----	Bromodichloromethane	39	
10061-01-5-----	cis-1,3-Dichloropropene	42	
108-10-1-----	4-Methyl-2-pentanone	44	
108-88-3-----	Toluene	41	
10061-02-6-----	trans-1,3-Dichloropropene	40	
79-00-5-----	1,1,2-Trichloroethane	42	
127-18-4-----	Tetrachloroethene	38	
591-78-6-----	2-Hexanone	43	
124-48-1-----	Dibromochloromethane	37	
106-93-4-----	1,2-Dibromoethane	39	
108-90-7-----	Chlorobenzene	40	
100-41-4-----	Ethylbenzene	40	

FORM I VOA

OLM03.0

0021

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-1 3-4MS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-01BMS

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: V1I4990

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 12

Date Analyzed: 05/15/07

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
---------	----------	---	---

1330-20-7-----Xylene (Total)	120	
100-42-5-----Styrene	40	
75-25-2-----Bromoform	34	
98-82-8-----Isopropylbenzene	40	
79-34-5-----1,1,2,2-Tetrachloroethane	41	
108-67-8-----1,3,5-Trimethylbenzene	40	
95-63-6-----1,2,4-Trimethylbenzene	40	
541-73-1-----1,3-Dichlorobenzene	39	
106-46-7-----1,4-Dichlorobenzene	39	
95-50-1-----1,2-Dichlorobenzene	39	
96-12-8-----1,2-Dibromo-3-chloropropane	37	
120-82-1-----1,2,4-Trichlorobenzene	37	
76-13-1-----1,1,2-Trichloro-1,2,2-trifluor	38	
79-20-9-----Methyl Acetate	43	
110-81-7-----Cyclohexane	43	
108-87-2-----Methylcyclohexane	42	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-1 3-4MSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-01BMSD

Sample wt/vol: 5.2 (g/mL) G

Lab File ID: V1I4991

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 12

Date Analyzed: 05/15/07

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
---------	----------	---	---

75-71-8-----	Dichlorodifluoromethane	35	
74-87-3-----	Chloromethane	51	
75-01-4-----	Vinyl Chloride	34	
74-83-9-----	Bromomethane	23	
75-00-3-----	Chloroethane	36	
75-69-4-----	Trichlorofluoromethane	46	
75-35-4-----	1,1-Dichloroethene	40	
67-64-1-----	Acetone	37	
75-15-0-----	Carbon Disulfide	37	
75-09-2-----	Methylene Chloride	38	
156-60-5-----	trans-1,2-Dichloroethene	40	
1634-04-4-----	Methyl tert-butyl ether	44	
75-34-3-----	1,1-Dichloroethane	41	
78-93-3-----	2-Butanone	39	
156-59-2-----	cis-1,2-Dichloroethene	40	
67-66-3-----	Chloroform	40	
71-55-6-----	1,1,1-Trichloroethane	39	
56-23-5-----	Carbon Tetrachloride	37	
107-06-2-----	1,2-Dichloroethane	41	
71-43-2-----	Benzene	41	
79-01-6-----	Trichloroethene	40	
78-87-5-----	1,2-Dichloropropane	42	
75-27-4-----	Bromodichloromethane	39	
10061-01-5-----	cis-1,3-Dichloropropene	42	
108-10-1-----	4-Methyl-2-pentanone	44	
108-88-3-----	Toluene	40	
10061-02-6-----	trans-1,3-Dichloropropene	40	
79-00-5-----	1,1,2-Trichloroethane	40	
127-18-4-----	Tetrachloroethene	36	
591-78-6-----	2-Hexanone	39	
124-48-1-----	Dibromochloromethane	36	
106-93-4-----	1,2-Dibromoethane	39	
108-90-7-----	Chlorobenzene	37	
100-41-4-----	Ethylbenzene	38	

FORM I VOA

OLM03.0

0023

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-1 3-4MSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-01BMSD

Sample wt/vol: 5.2 (g/mL) G

Lab File ID: VLI4991

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 12

Date Analyzed: 05/15/07

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

Dilution Factor: 1.0

Soil Extract Volume: _____ (mL)

Soil Aliquot Volume: _____ (uL)

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

1330-20-7-----Xylene (Total)	120	
100-42-5-----Styrene	40	
75-25-2-----Bromoform	35	
98-82-8-----Isopropylbenzene	38	
79-34-5-----1,1,2,2-Tetrachloroethane	41	
108-67-8-----1,3,5-Trimethylbenzene	38	
95-63-6-----1,2,4-Trimethylbenzene	38	
541-73-1-----1,3-Dichlorobenzene	38	
106-46-7-----1,4-Dichlorobenzene	37	
95-50-1-----1,2-Dichlorobenzene	37	
96-12-8-----1,2-Dibromo-3-chloropropane	35	
120-82-1-----1,2,4-Trichlorobenzene	35	
76-13-1-----1,1,2-Trichlo-1,2,2-trifluor	40	
79-20-9-----Methyl Acetate	43	
110-81-7-----Cyclohexane	42	
108-87-2-----Methylcyclohexane	40	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-2 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-02B

Sample wt/vol: 5.3 (g/mL) G

Lab File ID: VLI4962

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 13

Date Analyzed: 05/15/07

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
---------	----------	---	---

75-71-8-----	Dichlorodifluoromethane	5	U
74-87-3-----	Chloromethane	5	U
75-01-4-----	Vinyl Chloride	5	U
74-83-9-----	Bromomethane	5	U
75-00-3-----	Chloroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
67-64-1-----	Acetone	5	U
75-15-0-----	Carbon Disulfide	5	U
75-09-2-----	Methylene Chloride	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
1634-04-4-----	Methyl tert-butyl ether	5	U
75-34-3-----	1,1-Dichloroethane	5	U
78-93-3-----	2-Butanone	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
67-66-3-----	Chloroform	5	U
71-55-6-----	1,1,1-Trichloroethane	6	
56-23-5-----	Carbon Tetrachloride	5	U
107-06-2-----	1,2-Dichloroethane	5	U
71-43-2-----	Benzene	5	U
79-01-6-----	Trichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
75-27-4-----	Bromodichloromethane	5	U
10061-01-5-----	cis-1,3-Dichloropropene	5	U
108-10-1-----	4-Methyl-2-pentanone	5	U
108-88-3-----	Toluene	5	U
10061-02-6-----	trans-1,3-Dichloropropene	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
591-78-6-----	2-Hexanone	5	U
124-48-1-----	Dibromochloromethane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U

FORM I VOA

OLM03.0

0025

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-2 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-02B

Sample wt/vol: 5.3 (g/mL) G

Lab File ID: VLI4962

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 13

Date Analyzed: 05/15/07

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
---------	----------	---	---

1330-20-7-----Xylene (Total)	5	U
100-42-5-----Styrene	5	U
75-25-2-----Bromoform	5	U
98-82-8-----Isopropylbenzene	5	U
79-34-5-----1,1,2,2-Tetrachloroethane	5	U
108-67-8-----1,3,5-Trimethylbenzene	5	U
95-63-6-----1,2,4-Trimethylbenzene	5	U
541-73-1-----1,3-Dichlorobenzene	5	U
106-46-7-----1,4-Dichlorobenzene	5	U
95-50-1-----1,2-Dichlorobenzene	5	U
96-12-8-----1,2-Dibromo-3-chloropropane	5	U
120-82-1-----1,2,4-Trichlorobenzene	5	U
76-13-1-----1,1,2-Trichlo-1,2,2-trifluor	5	U
79-20-9-----Methyl Acetate	5	U
110-81-7-----Cyclohexane	5	U
108-87-2-----Methylcyclohexane	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-2 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-02B

Sample wt/vol: 5.3 (g/mL) G

Lab File ID: V1I4962

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 13

Date Analyzed: 05/15/07

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

Dilution Factor: 1.0

Soil Extract Volume: (mL)

Soil Aliquot Volume: (uL)

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	17.76	11	J
2. 582-16-1	NAPHTHALENE, 2,7-DIMETHYL-	18.18	6	NJ
3. 571-58-4	NAPHTHALENE, 1,4-DIMETHYL-	18.39	6	NJ
4.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-4 10

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-09B

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VII4996

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 9

Date Analyzed: 05/15/07

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

75-71-8-----	Dichlorodifluoromethane	5	U
74-87-3-----	Chloromethane	5	U
75-01-4-----	Vinyl Chloride	5	U
74-83-9-----	Bromomethane	5	U
75-00-3-----	Chloroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
67-64-1-----	Acetone	13	
75-15-0-----	Carbon Disulfide	5	U
75-09-2-----	Methylene Chloride	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
1634-04-4-----	Methyl tert-butyl ether	5	U
75-34-3-----	1,1-Dichloroethane	5	U
78-93-3-----	2-Butanone	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
67-66-3-----	Chloroform	5	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
107-06-2-----	1,2-Dichloroethane	5	U
71-43-2-----	Benzene	5	U
79-01-6-----	Trichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
75-27-4-----	Bromodichloromethane	5	U
10061-01-5-----	cis-1,3-Dichloropropene	5	U
108-10-1-----	4-Methyl-2-pentanone	5	U
108-88-3-----	Toluene	5	U
10061-02-6-----	trans-1,3-Dichloropropene	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
591-78-6-----	2-Hexanone	5	U
124-48-1-----	Dibromochloromethane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U

FORM I VOA

OLM03.0

0028

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-4 10

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-09B

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VLI4996

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 9

Date Analyzed: 05/15/07

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
---------	----------	---	---

1330-20-7-----Xylene (Total)	5	U
100-42-5-----Styrene	5	U
75-25-2-----Bromoform	5	U
98-82-8-----Isopropylbenzene	5	U
79-34-5-----1,1,2,2-Tetrachloroethane	5	U
108-67-8-----1,3,5-Trimethylbenzene	5	U
95-63-6-----1,2,4-Trimethylbenzene	5	U
541-73-1-----1,3-Dichlorobenzene	5	U
106-46-7-----1,4-Dichlorobenzene	5	U
95-50-1-----1,2-Dichlorobenzene	5	U
96-12-8-----1,2-Dibromo-3-chloropropane	5	U
120-82-1-----1,2,4-Trichlorobenzene	5	U
76-13-1-----1,1,2-Trichlo-1,2,2-trifluor	5	U
79-20-9-----Methyl Acetate	5	U
110-81-7-----Cyclohexane	5	U
108-87-2-----Methylcyclohexane	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-4 10

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-09B

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: V1I4996

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 9

Date Analyzed: 05/15/07

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
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-4 4.5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-05B

Sample wt/vol: 5.1 (g/mL) G

Lab File ID: VII4965

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 7

Date Analyzed: 05/15/07

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
---------	----------	---	---

75-71-8-----	Dichlorodifluoromethane	5	U
74-87-3-----	Chloromethane	5	U
75-01-4-----	Vinyl Chloride	5	U
74-83-9-----	Bromomethane	5	U
75-00-3-----	Chloroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
67-64-1-----	Acetone	5	U
75-15-0-----	Carbon Disulfide	5	U
75-09-2-----	Methylene Chloride	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
1634-04-4-----	Methyl tert-butyl ether	5	U
75-34-3-----	1,1-Dichloroethane	2	J
78-93-3-----	2-Butanone	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
67-66-3-----	Chloroform	5	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
107-06-2-----	1,2-Dichloroethane	5	U
71-43-2-----	Benzene	5	U
79-01-6-----	Trichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
75-27-4-----	Bromodichloromethane	5	U
10061-01-5-----	cis-1,3-Dichloropropene	5	U
108-10-1-----	4-Methyl-2-pentanone	5	U
108-88-3-----	Toluene	5	U
10061-02-6-----	trans-1,3-Dichloropropene	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
591-78-6-----	2-Hexanone	5	U
124-48-1-----	Dibromochloromethane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U

FORM I VOA

OLM03.0

0031

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-4 4.5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-05B

Sample wt/vol: 5.1 (g/mL) G

Lab File ID: V1I4965

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 7

Date Analyzed: 05/15/07

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
---------	----------	---	---

1330-20-7-----Xylene (Total)	5	U
100-42-5-----Styrene	5	U
75-25-2-----Bromoform	5	U
98-82-8-----Isopropylbenzene	5	U
79-34-5-----1,1,2,2-Tetrachloroethane	5	U
108-67-8-----1,3,5-Trimethylbenzene	5	U
95-63-6-----1,2,4-Trimethylbenzene	5	U
541-73-1-----1,3-Dichlorobenzene	5	U
106-46-7-----1,4-Dichlorobenzene	5	U
95-50-1-----1,2-Dichlorobenzene	5	U
96-12-8-----1,2-Dibromo-3-chloropropane	5	U
120-82-1-----1,2,4-Trichlorobenzene	5	U
76-13-1-----1,1,2-Trichlo-1,2,2-trifluor	5	U
79-20-9-----Methyl Acetate	5	U
110-81-7-----Cyclohexane	5	U
108-87-2-----Methylcyclohexane	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-4 4.5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-05B

Sample wt/vol: 5.1 (g/mL) G

Lab File ID: V1I4965

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 7

Date Analyzed: 05/15/07

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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-5 4-5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-06B

Sample wt/vol: 5.2 (g/mL) G

Lab File ID: VLI4966

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 6

Date Analyzed: 05/15/07

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
---------	----------	---	---

75-71-8-----	Dichlorodifluoromethane	5	U
74-87-3-----	Chloromethane	5	U
75-01-4-----	Vinyl Chloride	5	U
74-83-9-----	Bromomethane	5	U
75-00-3-----	Chloroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
67-64-1-----	Acetone	5	U
75-15-0-----	Carbon Disulfide	5	U
75-09-2-----	Methylene Chloride	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
1634-04-4-----	Methyl tert-butyl ether	5	U
75-34-3-----	1,1-Dichloroethane	5	U
78-93-3-----	2-Butanone	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
67-66-3-----	Chloroform	5	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
107-06-2-----	1,2-Dichloroethane	5	U
71-43-2-----	Benzene	5	U
79-01-6-----	Trichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
75-27-4-----	Bromodichloromethane	5	U
10061-01-5-----	cis-1,3-Dichloropropene	5	U
108-10-1-----	4-Methyl-2-pentanone	5	U
108-88-3-----	Toluene	5	U
10061-02-6-----	trans-1,3-Dichloropropene	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
591-78-6-----	2-Hexanone	5	U
124-48-1-----	Dibromochloromethane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-5 4-5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-06B

Sample wt/vol: 5.2 (g/mL) G

Lab File ID: VLI4966

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 6

Date Analyzed: 05/15/07

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
---------	----------	---	---

1330-20-7-----	Xylene (Total)	5	U
100-42-5-----	Styrene	5	U
75-25-2-----	Bromoform	5	U
98-82-8-----	Isopropylbenzene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-67-8-----	1,3,5-Trimethylbenzene	5	U
95-63-6-----	1,2,4-Trimethylbenzene	5	U
541-73-1-----	1,3-Dichlorobenzene	5	U
106-46-7-----	1,4-Dichlorobenzene	5	U
95-50-1-----	1,2-Dichlorobenzene	5	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5	U
120-82-1-----	1,2,4-Trichlorobenzene	5	U
76-13-1-----	1,1,2-Trichloro-1,2,2-trifluor	5	U
79-20-9-----	Methyl Acetate	5	U
110-81-7-----	Cyclohexane	5	U
108-87-2-----	Methylcyclohexane	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-5 4-5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-06B

Sample wt/vol: 5.2 (g/mL) G

Lab File ID: V1I4966

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 6

Date Analyzed: 05/15/07

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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-6 10

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-10B

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VLI4969

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 20

Date Analyzed: 05/15/07

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
---------	----------	---	---

75-71-8-----	Dichlorodifluoromethane	6	U
74-87-3-----	Chloromethane	6	U
75-01-4-----	Vinyl Chloride	6	U
74-83-9-----	Bromomethane	6	U
75-00-3-----	Chloroethane	6	U
75-69-4-----	Trichlorofluoromethane	6	U
75-35-4-----	1,1-Dichloroethene	6	U
67-64-1-----	Acetone	15	
75-15-0-----	Carbon Disulfide	6	U
75-09-2-----	Methylene Chloride	6	U
156-60-5-----	trans-1,2-Dichloroethene	6	U
1634-04-4-----	Methyl tert-butyl ether	2	J
75-34-3-----	1,1-Dichloroethane	6	U
78-93-3-----	2-Butanone	6	U
156-59-2-----	cis-1,2-Dichloroethene	6	U
67-66-3-----	Chloroform	6	U
71-55-6-----	1,1,1-Trichloroethane	6	U
56-23-5-----	Carbon Tetrachloride	6	U
107-06-2-----	1,2-Dichloroethane	6	U
71-43-2-----	Benzene	6	J
79-01-6-----	Trichloroethene	6	U
78-87-5-----	1,2-Dichloropropane	6	U
75-27-4-----	Bromodichloromethane	6	U
10061-01-5-----	cis-1,3-Dichloropropene	6	U
108-10-1-----	4-Methyl-2-pentanone	6	U
108-88-3-----	Toluene	7	
10061-02-6-----	trans-1,3-Dichloropropene	6	U
79-00-5-----	1,1,2-Trichloroethane	6	U
127-18-4-----	Tetrachloroethene	6	U
591-78-6-----	2-Hexanone	6	U
124-48-1-----	Dibromochloromethane	6	U
106-93-4-----	1,2-Dibromoethane	6	U
108-90-7-----	Chlorobenzene	6	U
100-41-4-----	Ethylbenzene	1	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-6 10

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-10B

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: V1I4969

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 20

Date Analyzed: 05/15/07

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
---------	----------	---	---

1330-20-7-----Xylene (Total)	16	
100-42-5-----Styrene	6	U
75-25-2-----Bromoform	6	U
98-82-8-----Isopropylbenzene	6	U
79-34-5-----1,1,2,2-Tetrachloroethane	6	U
108-67-8-----1,3,5-Trimethylbenzene	2	J
95-63-6-----1,2,4-Trimethylbenzene	5	J
541-73-1-----1,3-Dichlorobenzene	6	U
106-46-7-----1,4-Dichlorobenzene	6	U
95-50-1-----1,2-Dichlorobenzene	6	U
96-12-8-----1,2-Dibromo-3-chloropropane	6	U
120-82-1-----1,2,4-Trichlorobenzene	6	U
76-13-1-----1,1,2-Trichlo-1,2,2-trifluor	6	U
79-20-9-----Methyl Acetate	6	U
110-81-7-----Cyclohexane	6	U
108-87-2-----Methylcyclohexane	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-6 10

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-10B

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: VII4969

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 20

Date Analyzed: 05/15/07

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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-6 4-5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-07B

Sample wt/vol: 5.6 (g/mL) G

Lab File ID: VLI4967

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 5

Date Analyzed: 05/15/07

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
---------	----------	---	---

75-71-8-----	Dichlorodifluoromethane	5	U
74-87-3-----	Chloromethane	5	U
75-01-4-----	Vinyl Chloride	5	U
74-83-9-----	Bromomethane	5	U
75-00-3-----	Chloroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
67-64-1-----	Acetone	5	U
75-15-0-----	Carbon Disulfide	5	U
75-09-2-----	Methylene Chloride	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
1634-04-4-----	Methyl tert-butyl ether	5	U
75-34-3-----	1,1-Dichloroethane	5	U
78-93-3-----	2-Butanone	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
67-66-3-----	Chloroform	5	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
107-06-2-----	1,2-Dichloroethane	5	U
71-43-2-----	Benzene	5	U
79-01-6-----	Trichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
75-27-4-----	Bromodichloromethane	5	U
10061-01-5-----	cis-1,3-Dichloropropene	5	U
108-10-1-----	4-Methyl-2-pentanone	5	U
108-88-3-----	Toluene	5	U
10061-02-6-----	trans-1,3-Dichloropropene	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
591-78-6-----	2-Hexanone	5	U
124-48-1-----	Dibromochloromethane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-6 4-5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-07B

Sample wt/vol: 5.6 (g/mL) G

Lab File ID: V1I4967

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 5

Date Analyzed: 05/15/07

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
---------	----------	---	---

1330-20-7-----Xylene (Total)	5	U
100-42-5-----Styrene	5	U
75-25-2-----Bromoform	5	U
98-82-8-----Isopropylbenzene	5	U
79-34-5-----1,1,2,2-Tetrachloroethane	5	U
108-67-8-----1,3,5-Trimethylbenzene	5	U
95-63-6-----1,2,4-Trimethylbenzene	5	U
541-73-1-----1,3-Dichlorobenzene	5	U
106-46-7-----1,4-Dichlorobenzene	5	U
95-50-1-----1,2-Dichlorobenzene	5	U
96-12-8-----1,2-Dibromo-3-chloropropane	5	U
120-82-1-----1,2,4-Trichlorobenzene	5	U
76-13-1-----1,1,2-Trichlo-1,2,2-trifluor	5	U
79-20-9-----Methyl Acetate	5	U
110-81-7-----Cyclohexane	5	U
108-87-2-----Methylcyclohexane	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-6 4-5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-07B

Sample wt/vol: 5.6 (g/mL) G

Lab File ID: V1I4967

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 5

Date Analyzed: 05/15/07

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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-X 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-03B

Sample wt/vol: 5.4 (g/mL) G

Lab File ID: VLI4963

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 13

Date Analyzed: 05/15/07

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
---------	----------	---	---

75-71-8-----	Dichlorodifluoromethane	5	U
74-87-3-----	Chloromethane	5	U
75-01-4-----	Vinyl Chloride	5	U
74-83-9-----	Bromomethane	5	U
75-00-3-----	Chloroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
67-64-1-----	Acetone	5	U
75-15-0-----	Carbon Disulfide	5	U
75-09-2-----	Methylene Chloride	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
1634-04-4-----	Methyl tert-butyl ether	5	U
75-34-3-----	1,1-Dichloroethane	5	U
78-93-3-----	2-Butanone	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
67-66-3-----	Chloroform	5	U
71-55-6-----	1,1,1-Trichloroethane	7	
56-23-5-----	Carbon Tetrachloride	5	U
107-06-2-----	1,2-Dichloroethane	5	U
71-43-2-----	Benzene	5	U
79-01-6-----	Trichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
75-27-4-----	Bromodichloromethane	5	U
10061-01-5-----	cis-1,3-Dichloropropene	5	U
108-10-1-----	4-Methyl-2-pentanone	5	U
108-88-3-----	Toluene	5	U
10061-02-6-----	trans-1,3-Dichloropropene	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
591-78-6-----	2-Hexanone	5	U
124-48-1-----	Dibromochloromethane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-X 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-03B

Sample wt/vol: 5.4 (g/mL) G

Lab File ID: V1I4963

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 13

Date Analyzed: 05/15/07

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
---------	----------	---	---

1330-20-7-----	Xylene (Total)	5	U
100-42-5-----	Styrene	5	U
75-25-2-----	Bromoform	5	U
98-82-8-----	Isopropylbenzene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-67-8-----	1,3,5-Trimethylbenzene	5	U
95-63-6-----	1,2,4-Trimethylbenzene	5	U
541-73-1-----	1,3-Dichlorobenzene	5	U
106-46-7-----	1,4-Dichlorobenzene	5	U
95-50-1-----	1,2-Dichlorobenzene	5	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5	U
120-82-1-----	1,2,4-Trichlorobenzene	5	U
76-13-1-----	1,1,2-Trichlo-1,2,2-trifluor	5	U
79-20-9-----	Methyl Acetate	5	U
110-81-7-----	Cyclohexane	5	U
108-87-2-----	Methylcyclohexane	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-X 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-03B

Sample wt/vol: 5.4 (g/mL) G

Lab File ID: VLI4963

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. 13

Date Analyzed: 05/15/07

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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) WATER

Lab Sample ID: F0602-15A

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

Lab File ID: V6F2854

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. _____

Date Analyzed: 05/16/07

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
---------	----------	--	---

75-71-8-----	Dichlorodifluoromethane	5	U
74-87-3-----	Chloromethane	5	U
75-01-4-----	Vinyl Chloride	5	U
74-83-9-----	Bromomethane	5	U
75-00-3-----	Chloroethane	5	U
75-69-4-----	Trichlorofluoromethane	5	U
75-35-4-----	1,1-Dichloroethene	5	U
67-64-1-----	Acetone	5	U
75-15-0-----	Carbon Disulfide	5	U
75-09-2-----	Methylene Chloride	5	U
156-60-5-----	trans-1,2-Dichloroethene	5	U
1634-04-4-----	Methyl tert-butyl ether	5	U
75-34-3-----	1,1-Dichloroethane	5	U
78-93-3-----	2-Butanone	5	U
156-59-2-----	cis-1,2-Dichloroethene	5	U
67-66-3-----	Chloroform	5	U
71-55-6-----	1,1,1-Trichloroethane	5	U
56-23-5-----	Carbon Tetrachloride	5	U
107-06-2-----	1,2-Dichloroethane	5	U
71-43-2-----	Benzene	5	U
79-01-6-----	Trichloroethene	5	U
78-87-5-----	1,2-Dichloropropane	5	U
75-27-4-----	Bromodichloromethane	5	U
10061-01-5-----	cis-1,3-Dichloropropene	5	U
108-10-1-----	4-Methyl-2-pentanone	5	U
108-88-3-----	Toluene	5	U
10061-02-6-----	trans-1,3-Dichloropropene	5	U
79-00-5-----	1,1,2-Trichloroethane	5	U
127-18-4-----	Tetrachloroethene	5	U
591-78-6-----	2-Hexanone	5	U
124-48-1-----	Dibromochloromethane	5	U
106-93-4-----	1,2-Dibromoethane	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) WATER

Lab Sample ID: F0602-15A

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

Lab File ID: V6F2854

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. _____

Date Analyzed: 05/16/07

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
---------	----------	--	---

1330-20-7-----	Xylene (Total)	5	U
100-42-5-----	Styrene	5	U
75-25-2-----	Bromoform	5	U
98-82-8-----	Isopropylbenzene	5	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5	U
108-67-8-----	1,3,5-Trimethylbenzene	5	U
95-63-6-----	1,2,4-Trimethylbenzene	5	U
541-73-1-----	1,3-Dichlorobenzene	5	U
106-46-7-----	1,4-Dichlorobenzene	5	U
95-50-1-----	1,2-Dichlorobenzene	5	U
96-12-8-----	1,2-Dibromo-3-chloropropane	5	U
120-82-1-----	1,2,4-Trichlorobenzene	5	U
76-13-1-----	1,1,2-Trichloro-1,2,2-Triflu	5	U
79-20-9-----	Methyl Acetate	5	U
110-81-7-----	Cyclohexane	5	U
108-87-2-----	Methylcyclohexane	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) WATER

Lab Sample ID: F0602-15A

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

Lab File ID: V6F2854

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: not dec. _____

Date Analyzed: 05/16/07

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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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

3(2.5-3)

Lab Name: MITKEM CORPORATION Contract:
Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602
Matrix: (soil/water) SOIL Lab Sample ID: F0602-04A
Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E3086
Level: (low/med) LOW Date Received: 05/11/07
% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/13/07
Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/21/07
Injection Volume: 1.0 (uL) Dilution Factor: 1.0
GPC Cleanup: (Y/N) N pH: ____

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

108-95-2-----	Phenol	320	U
111-44-4-----	bis(2-Chloroethyl) Ether	320	U
95-57-8-----	2-Chlorophenol	320	U
95-48-7-----	2-Methylphenol	320	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	320	U
106-44-5-----	4-Methylphenol	320	U
621-64-7-----	N-Nitroso-di-n-propylamine	320	U
67-72-1-----	Hexachloroethane	320	U
98-95-3-----	Nitrobenzene	320	U
78-59-1-----	Isophorone	320	U
88-75-5-----	2-Nitrophenol	320	U
105-67-9-----	2,4-Dimethylphenol	320	U
120-83-2-----	2,4-Dichlorophenol	320	U
120-82-1-----	1,2,4-Trichlorobenzene	320	U
91-20-3-----	Naphthalene	320	U
106-47-8-----	4-Chloroaniline	320	U
87-68-3-----	Hexachlorobutadiene	320	U
111-91-1-----	bis(2-Chloroethoxy) methane	320	U
59-50-7-----	4-Chloro-3-Methylphenol	320	U
91-57-6-----	2-Methylnaphthalene	320	U
77-47-4-----	Hexachlorocyclopentadiene	320	U
88-06-2-----	2,4,6-Trichlorophenol	320	U
95-95-4-----	2,4,5-Trichlorophenol	660	U
91-58-7-----	2-Chloronaphthalene	320	U
88-74-4-----	2-Nitroaniline	660	U
131-11-3-----	Dimethylphthalate	320	U
208-96-8-----	Acenaphthylene	320	U
606-20-2-----	2,6-Dinitrotoluene	320	U
99-09-2-----	3-Nitroaniline	660	U
83-32-9-----	Acenaphthene	320	U
51-28-5-----	2,4-Dinitrophenol	660	U
100-02-7-----	4-Nitrophenol	660	U
132-64-9-----	Dibenzofuran	320	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

3 (2.5-3)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602

Matrix: (soil/water) SOIL Lab Sample ID: F0602-04A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E3086

Level: (low/med) LOW Date Received: 05/11/07

% Moisture: 17 decanted: (Y/N) N Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/21/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
121-14-2-----	2,4-Dinitrotoluene	320 U	
84-66-2-----	Diethylphthalate	320 U	
7005-72-3-----	4-Chlorophenyl-phenylether	320 U	
86-73-7-----	Fluorene	320 U	
100-01-6-----	4-Nitroaniline	660 U	
534-52-1-----	4,6-Dinitro-2-methylphenol	660 U	
86-30-6-----	N-Nitrosodiphenylamine (1)	320 U	
101-55-3-----	4-Bromophenyl-phenylether	320 U	
118-74-1-----	Hexachlorobenzene	320 U	
87-86-5-----	Pentachlorophenol	660 U	
85-01-8-----	Phenanthrene	320 U	
120-12-7-----	Anthracene	320 U	
86-74-8-----	Carbazole	320 U	
84-74-2-----	Di-n-butylphthalate	320 U	
206-44-0-----	Fluoranthene	320 U	
129-00-0-----	Pyrene	320 U	
85-68-7-----	Butylbenzylphthalate	320 U	
91-94-1-----	3,3'-Dichlorobenzidine	320 U	
56-55-3-----	Benzo(a)anthracene	320 U	
218-01-9-----	Chrysene	320 U	
117-81-7-----	bis(2-Ethylhexyl)phthalate	420 B	
117-84-0-----	Di-n-octylphthalate	320 U	
205-99-2-----	Benzo(b)fluoranthene	40 J	
207-08-9-----	Benzo(k)fluoranthene	320 U	
50-32-8-----	Benzo(a)pyrene	320 U	
193-39-5-----	Indeno(1,2,3-cd)pyrene	320 U	
53-70-3-----	Dibenzo(a,h)anthracene	320 U	
191-24-2-----	Benzo(g,h,i)perylene	320 U	
92-52-4-----	1,1'-Biphenyl	320 U	
98-86-2-----	Acetophenone	320 U	
1912-24-9-----	Atrazine	320 U	
100-52-7-----	Benzaldehyde	320 U	
105-60-2-----	Caprolactam	320 U	

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

OLM03.0

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

3 (2.5-3)

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-04A

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

Lab File ID: S3E3086

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 17 decanted: (Y/N) N

Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/21/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: ____

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	5.93	1500	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) WATER

Lab Sample ID: F0602-08B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3E3022

Level: (low/med) LOW

Date Received: 05/12/07

% Moisture: _____ decanted: (Y/N) _____

Date Extracted: 05/14/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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108-95-2-----Phenol	10.0	U
111-44-4-----bis(2-Chloroethyl) Ether	10.0	U
95-57-8-----2-Chlorophenol	10.0	U
95-48-7-----2-Methylphenol	10.0	U
108-60-1-----2,2'-oxybis(1-Chloropropane)	10.0	U
106-44-5-----4-Methylphenol	10.0	U
621-64-7-----N-Nitroso-di-n-propylamine	10.0	U
67-72-1-----Hexachloroethane	10.0	U
98-95-3-----Nitrobenzene	10.0	U
78-59-1-----Isophorone	10.0	U
88-75-5-----2-Nitrophenol	10.0	U
105-67-9-----2,4-Dimethylphenol	10.0	U
120-83-2-----2,4-Dichlorophenol	10.0	U
120-82-1-----1,2,4-Trichlorobenzene	10.0	U
91-20-3-----Naphthalene	10.0	U
106-47-8-----4-Chloroaniline	10.0	U
87-68-3-----Hexachlorobutadiene	10.0	U
111-91-1-----bis(2-Chloroethoxy) methane	10.0	U
59-50-7-----4-Chloro-3-Methylphenol	10.0	U
91-57-6-----2-Methylnaphthalene	10.0	U
77-47-4-----Hexachlorocyclopentadiene	10.0	U
88-06-2-----2,4,6-Trichlorophenol	10.0	U
95-95-4-----2,4,5-Trichlorophenol	20.0	U
91-58-7-----2-Chloronaphthalene	10.0	U
88-74-4-----2-Nitroaniline	20.0	U
131-11-3-----Dimethylphthalate	10.0	U
208-96-8-----Acenaphthylene	10.0	U
606-20-2-----2,6-Dinitrotoluene	10.0	U
99-09-2-----3-Nitroaniline	20.0	U
83-32-9-----Acenaphthene	10.0	U
51-28-5-----2,4-Dinitrophenol	20.0	U
100-02-7-----4-Nitrophenol	20.0	U
132-64-9-----Dibenzofuran	10.0	U

FORM I SV-1

OLM03.0

0058

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) WATER

Lab Sample ID: F0602-08B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3E3022

Level: (low/med) LOW

Date Received: 05/12/07

% Moisture: _____ decanted: (Y/N) _____

Date Extracted: 05/14/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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121-14-2-----	2,4-Dinitrotoluene	10.0	U
84-66-2-----	Diethylphthalate	10.0	U
7005-72-3-----	4-Chlorophenyl-phenylether	10.0	U
86-73-7-----	Fluorene	10.0	U
100-01-6-----	4-Nitroaniline	20.0	U
534-52-1-----	4,6-Dinitro-2-methylphenol	20.0	U
86-30-6-----	N-Nitrosodiphenylamine (1)	10.0	U
101-55-3-----	4-Bromophenyl-phenylether	10.0	U
118-74-1-----	Hexachlorobenzene	10.0	U
87-86-5-----	Pentachlorophenol	20.0	U
85-01-8-----	Phenanthrene	10.0	U
120-12-7-----	Anthracene	10.0	U
86-74-8-----	Carbazole	10.0	U
84-74-2-----	Di-n-butylphthalate	10.0	U
206-44-0-----	Fluoranthene	10.0	U
129-00-0-----	Pyrene	10.0	U
85-68-7-----	Butylbenzylphthalate	10.0	U
91-94-1-----	3,3'-Dichlorobenzidine	10.0	U
56-55-3-----	Benzo(a)anthracene	10.0	U
218-01-9-----	Chrysene	10.0	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	10.0	U
117-84-0-----	Di-n-octylphthalate	10.0	U
205-99-2-----	Benzo(b)fluoranthene	10.0	U
207-08-9-----	Benzo(k)fluoranthene	10.0	U
50-32-8-----	Benzo(a)pyrene	10.0	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	10.0	U
53-70-3-----	Dibenzo(a,h)anthracene	10.0	U
191-24-2-----	Benzo(g,h,i)perylene	10.0	U
92-52-4-----	1,1'-Biphenyl	10.0	U
98-86-2-----	Acetophenone	10.0	U
1912-24-9-----	Atrazine	10.0	U
100-52-7-----	Benzaldehyde	10.0	U
105-60-2-----	Caprolactam	10.0	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

OLM03.0

0059

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) WATER

Lab Sample ID: F0602-08B

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: S3E3022

Level: (low/med) LOW

Date Received: 05/12/07

% Moisture: _____ decanted: (Y/N)____

Date Extracted: 05/14/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: ____

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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8B
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract:
Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602
Lab File ID (Standard): S3E3011 Date Analyzed: 05/17/07
Instrument ID: S3 Time Analyzed: 2131

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	=====	=====	=====	=====	=====	=====	=====
	12 HOUR STD	170143	6.49	710520	8.94	369519	11.66
	UPPER LIMIT	340286	6.99	1421040	9.44	739038	12.16
	LOWER LIMIT	85072	5.99	355260	8.44	184760	11.16
	=====	=====	=====	=====	=====	=====	=====
	EPA SAMPLE NO.						
	=====	=====	=====	=====	=====	=====	=====
01	SBLK3N	185164	6.49	780443	8.93	406726	11.66
02	FB	196683	6.49	842170	8.93	441638	11.66
03	GP-2 3-4	224621	6.49	946324	8.93	500238	11.66
04	GP-X 3-4	210227	6.49	892644	8.93	470205	11.66
05	GP-4 4.5	203747	6.49	851837	8.93	434365	11.66
06	GP-5 4-5	208036	6.49	869707	8.93	451559	11.66
07	GP-4 10	210041	6.49	894136	8.93	468126	11.66
08	GP-6 10	125491	6.49	534676	8.93	281960	11.66
09							
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22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-1 3-4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0602

Matrix: (soil/water) SOIL Lab Sample ID: F0602-01A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E3124

Level: (low/med) LOW Date Received: 05/11/07

% Moisture: 12 decanted: (Y/N) N Date Extracted: 05/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/22/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

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
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
120-83-2-----	2,4-Dichlorophenol	370	U
120-82-1-----	1,2,4-Trichlorobenzene	370	U
91-20-3-----	Naphthalene	370	U
106-47-8-----	4-Chloroaniline	370	U
87-68-3-----	Hexachlorobutadiene	370	U
111-91-1-----	bis (2-Chloroethoxy) methane	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	760	U
91-58-7-----	2-Chloronaphthalene	370	U
88-74-4-----	2-Nitroaniline	760	U
131-11-3-----	Dimethylphthalate	370	U
208-96-8-----	Acenaphthylene	370	U
606-20-2-----	2,6-Dinitrotoluene	370	U
99-09-2-----	3-Nitroaniline	760	U
83-32-9-----	Acenaphthene	370	U
51-28-5-----	2,4-Dinitrophenol	760	U
100-02-7-----	4-Nitrophenol	760	U
132-64-9-----	Dibenzofuran	370	U

FORM I SV-1

OLM03.0

0061

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-1 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-01A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S3E3124

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 05/21/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/22/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

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

121-14-2-----	2,4-Dinitrotoluene	370	U
84-66-2-----	Diethylphthalate	370	U
7005-72-3-----	4-Chlorophenyl-phenylether	370	U
86-73-7-----	Fluorene	370	U
100-01-6-----	4-Nitroaniline	760	U
534-52-1-----	4,6-Dinitro-2-methylphenol	760	U
86-30-6-----	N-Nitrosodiphenylamine (1)	370	U
101-55-3-----	4-Bromophenyl-phenylether	370	U
118-74-1-----	Hexachlorobenzene	370	U
87-86-5-----	Pentachlorophenol	760	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	120	JB
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
92-52-4-----	1,1'-Biphenyl	370	U
98-86-2-----	Acetophenone	370	U
1912-24-9-----	Atrazine	370	U
100-52-7-----	Benzaldehyde	370	U
105-60-2-----	Caprolactam	370	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

OLM03.0

0062

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-1 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-01A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S3E3124

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 05/21/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/22/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: ____

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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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-1 3-4MS

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-01AMS

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S3E3125

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 05/21/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/22/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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108-95-2-----Phenol	1300	
111-44-4-----bis (2-Chloroethyl) Ether	1300	
95-57-8-----2-Chlorophenol	1300	
95-48-7-----2-Methylphenol	1200	
108-60-1-----2,2'-oxybis (1-Chloropropane)	1300	
106-44-5-----4-Methylphenol	1200	
621-64-7-----N-Nitroso-di-n-propylamine	1000	
67-72-1-----Hexachloroethane	1200	
98-95-3-----Nitrobenzene	1300	
78-59-1-----Isophorone	1200	
88-75-5-----2-Nitrophenol	1500	
105-67-9-----2,4-Dimethylphenol	1200	
120-83-2-----2,4-Dichlorophenol	1400	
120-82-1-----1,2,4-Trichlorobenzene	1400	
91-20-3-----Naphthalene	1400	
106-47-8-----4-Chloroaniline	870	
87-68-3-----Hexachlorobutadiene	1500	
111-91-1-----bis (2-Chloroethoxy) methane	1300	
59-50-7-----4-Chloro-3-Methylphenol	1300	
91-57-6-----2-Methylnaphthalene	1400	
77-47-4-----Hexachlorocyclopentadiene	1500	
88-06-2-----2,4,6-Trichlorophenol	1500	
95-95-4-----2,4,5-Trichlorophenol	1500	
91-58-7-----2-Chloronaphthalene	1400	
88-74-4-----2-Nitroaniline	1300	
131-11-3-----Dimethylphthalate	1400	
208-96-8-----Acenaphthylene	1400	
606-20-2-----2,6-Dinitrotoluene	1500	
99-09-2-----3-Nitroaniline	810	
83-32-9-----Acenaphthene	1400	
51-28-5-----2,4-Dinitrophenol	1200	
100-02-7-----4-Nitrophenol	1200	
132-64-9-----Dibenzofuran	1400	

FORM I SV-1

OLM03.0

0064

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-1 3-4MS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602

Matrix: (soil/water) SOIL Lab Sample ID: F0602-01AMS

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E3125

Level: (low/med) LOW Date Received: 05/11/07

% Moisture: 12 decanted: (Y/N) N Date Extracted: 05/21/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/22/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
121-14-2-----	2,4-Dinitrotoluene	1500	
84-66-2-----	Diethylphthalate	1400	
7005-72-3-----	4-Chlorophenyl-phenylether	1400	
86-73-7-----	Fluorene	1400	
100-01-6-----	4-Nitroaniline	500	J
534-52-1-----	4,6-Dinitro-2-methylphenol	1500	
86-30-6-----	N-Nitrosodiphenylamine (1)	1400	
101-55-3-----	4-Bromophenyl-phenylether	1500	
118-74-1-----	Hexachlorobenzene	1600	
87-86-5-----	Pentachlorophenol	1100	
85-01-8-----	Phenanthrene	1500	
120-12-7-----	Anthracene	1400	
86-74-8-----	Carbazole	1400	
84-74-2-----	Di-n-butylphthalate	1400	
206-44-0-----	Fluoranthene	1500	
129-00-0-----	Pyrene	1600	
85-68-7-----	Butylbenzylphthalate	1400	
91-94-1-----	3,3'-Dichlorobenzidine	940	
56-55-3-----	Benzo (a) anthracene	1600	
218-01-9-----	Chrysene	1500	
117-81-7-----	bis(2-Ethylhexyl)phthalate	1700	B
117-84-0-----	Di-n-octylphthalate	1500	
205-99-2-----	Benzo (b) fluoranthene	1500	
207-08-9-----	Benzo (k) fluoranthene	1500	
50-32-8-----	Benzo (a) pyrene	1400	
193-39-5-----	Indeno (1,2,3-cd) pyrene	1500	
53-70-3-----	Dibenzo (a,h) anthracene	1500	
191-24-2-----	Benzo (g,h,i) perylene	1500	
92-52-4-----	1,1'-Biphenyl	1400	
98-86-2-----	Acetophenone	1200	
1912-24-9-----	Atrazine	1500	
100-52-7-----	Benzaldehyde	700	
105-60-2-----	Caprolactam	1300	

(1) - Cannot be separated from Diphenylamine
FORM I SV-2

OLM03.0

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-1 3-4MSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-01AMSD

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

Lab File ID: S3E3126

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 05/21/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/22/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

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

108-95-2-----Phenol	1300	
111-44-4-----bis (2-Chloroethyl) Ether	1300	
95-57-8-----2-Chlorophenol	1300	
95-48-7-----2-Methylphenol	1200	
108-60-1-----2,2'-oxybis (1-Chloropropane)	1300	
106-44-5-----4-Methylphenol	1200	
621-64-7-----N-Nitroso-di-n-propylamine	1000	
67-72-1-----Hexachloroethane	1200	
98-95-3-----Nitrobenzene	1300	
78-59-1-----Isophorone	1200	
88-75-5-----2-Nitrophenol	1500	
105-67-9-----2,4-Dimethylphenol	1200	
120-83-2-----2,4-Dichlorophenol	1400	
120-82-1-----1,2,4-Trichlorobenzene	1400	
91-20-3-----Naphthalene	1400	
106-47-8-----4-Chloroaniline	920	
87-68-3-----Hexachlorobutadiene	1400	
111-91-1-----bis (2-Chloroethoxy) methane	1300	
59-50-7-----4-Chloro-3-Methylphenol	1300	
91-57-6-----2-Methylnaphthalene	1300	
77-47-4-----Hexachlorocyclopentadiene	1600	
88-06-2-----2,4,6-Trichlorophenol	1400	
95-95-4-----2,4,5-Trichlorophenol	1400	
91-58-7-----2-Chloronaphthalene	1400	
88-74-4-----2-Nitroaniline	1200	
131-11-3-----Dimethylphthalate	1400	
208-96-8-----Acenaphthylene	1400	
606-20-2-----2,6-Dinitrotoluene	1400	
99-09-2-----3-Nitroaniline	790	
83-32-9-----Acenaphthene	1400	
51-28-5-----2,4-Dinitrophenol	900	
100-02-7-----4-Nitrophenol	1200	
132-64-9-----Dibenzofuran	1400	

FORM I SV-1

OLM03.0

0066

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-1 3-4MSD

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-01AMSD

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

Lab File ID: S3E3126

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 12 decanted: (Y/N) N

Date Extracted: 05/21/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/22/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

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

121-14-2-----	2,4-Dinitrotoluene	1500	
84-66-2-----	Diethylphthalate	1400	
7005-72-3-----	4-Chlorophenyl-phenylether	1400	
86-73-7-----	Fluorene	1300	
100-01-6-----	4-Nitroaniline	450	J
534-52-1-----	4,6-Dinitro-2-methylphenol	1400	
86-30-6-----	N-Nitrosodiphenylamine (1)	1400	
101-55-3-----	4-Bromophenyl-phenylether	1500	
118-74-1-----	Hexachlorobenzene	1600	
87-86-5-----	Pentachlorophenol	620	J
85-01-8-----	Phenanthrene	1500	
120-12-7-----	Anthracene	1400	
86-74-8-----	Carbazole	1400	
84-74-2-----	Di-n-butylphthalate	1400	
206-44-0-----	Fluoranthene	1500	
129-00-0-----	Pyrene	1600	
85-68-7-----	Butylbenzylphthalate	1400	
91-94-1-----	3,3'-Dichlorobenzidine	1000	
56-55-3-----	Benzo(a)anthracene	1500	
218-01-9-----	Chrysene	1500	
117-81-7-----	bis(2-Ethylhexyl)phthalate	1700	B
117-84-0-----	Di-n-octylphthalate	1500	
205-99-2-----	Benzo(b)fluoranthene	1500	
207-08-9-----	Benzo(k)fluoranthene	1400	
50-32-8-----	Benzo(a)pyrene	1500	
193-39-5-----	Indeno(1,2,3-cd)pyrene	1500	
53-70-3-----	Dibenzo(a,h)anthracene	1500	
191-24-2-----	Benzo(g,h,i)perylene	1400	
92-52-4-----	1,1'-Biphenyl	1400	
98-86-2-----	Acetophenone	1200	
1912-24-9-----	Atrazine	1500	
100-52-7-----	Benzaldehyde	530	
105-60-2-----	Caprolactam	1300	

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

OLM03.0

0067

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-2 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-02A

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

Lab File ID: S3E3024

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

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

108-95-2-----	Phenol	376	U
111-44-4-----	bis(2-Chloroethyl) Ether	376	U
95-57-8-----	2-Chlorophenol	376	U
95-48-7-----	2-Methylphenol	376	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	376	U
106-44-5-----	4-Methylphenol	376	U
621-64-7-----	N-Nitroso-di-n-propylamine	376	U
67-72-1-----	Hexachloroethane	376	U
98-95-3-----	Nitrobenzene	376	U
78-59-1-----	Isophorone	376	U
88-75-5-----	2-Nitrophenol	376	U
105-67-9-----	2,4-Dimethylphenol	376	U
120-83-2-----	2,4-Dichlorophenol	376	U
120-82-1-----	1,2,4-Trichlorobenzene	376	U
91-20-3-----	Naphthalene	106	J
106-47-8-----	4-Chloroaniline	376	U
87-68-3-----	Hexachlorobutadiene	376	U
111-91-1-----	bis(2-Chloroethoxy)methane	376	U
59-50-7-----	4-Chloro-3-Methylphenol	376	U
91-57-6-----	2-Methylnaphthalene	53.4	J
77-47-4-----	Hexachlorocyclopentadiene	376	U
88-06-2-----	2,4,6-Trichlorophenol	376	U
95-95-4-----	2,4,5-Trichlorophenol	762	U
91-58-7-----	2-Chloronaphthalene	376	U
88-74-4-----	2-Nitroaniline	762	U
131-11-3-----	Dimethylphthalate	376	U
208-96-8-----	Acenaphthylene	82.3	J
606-20-2-----	2,6-Dinitrotoluene	376	U
99-09-2-----	3-Nitroaniline	762	U
83-32-9-----	Acenaphthene	189	J
51-28-5-----	2,4-Dinitrophenol	762	U
100-02-7-----	4-Nitrophenol	762	U
132-64-9-----	Dibenzofuran	157	J

FORM I SV-1

OLM03.0

0068

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-2 3-4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602

Matrix: (soil/water) SOIL Lab Sample ID: F0602-02A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E3024

Level: (low/med) LOW Date Received: 05/11/07

% Moisture: 13 decanted: (Y/N) N Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		
121-14-2-----	2,4-Dinitrotoluene	376	U
84-66-2-----	Diethylphthalate	468	
7005-72-3-----	4-Chlorophenyl-phenylether	376	U
86-73-7-----	Fluorene	171	J
100-01-6-----	4-Nitroaniline	762	U
534-52-1-----	4,6-Dinitro-2-methylphenol	762	U
86-30-6-----	N-Nitrosodiphenylamine (1)	376	U
101-55-3-----	4-Bromophenyl-phenylether	376	U
118-74-1-----	Hexachlorobenzene	376	U
87-86-5-----	Pentachlorophenol	762	U
85-01-8-----	Phenanthrene	3000	
120-12-7-----	Anthracene	496	
86-74-8-----	Carbazole	248	J
84-74-2-----	Di-n-butylphthalate	376	U
206-44-0-----	Fluoranthene	4770	
129-00-0-----	Pyrene	4320	
85-68-7-----	Butylbenzylphthalate	376	U
91-94-1-----	3,3'-Dichlorobenzidine	376	U
56-55-3-----	Benzo(a)anthracene	2680	
218-01-9-----	Chrysene	2880	
117-81-7-----	bis(2-Ethylhexyl)phthalate	223	JB
117-84-0-----	Di-n-octylphthalate	376	U
205-99-2-----	Benzo(b)fluoranthene	3950	
207-08-9-----	Benzo(k)fluoranthene	1300	
50-32-8-----	Benzo(a)pyrene	2850	
193-39-5-----	Indeno(1,2,3-cd)pyrene	1600	
53-70-3-----	Dibenzo(a,h)anthracene	543	
191-24-2-----	Benzo(g,h,i)perylene	1990	
92-52-4-----	1,1'-Biphenyl	376	U
98-86-2-----	Acetophenone	376	U
1912-24-9-----	Atrazine	376	U
100-52-7-----	Benzaldehyde	376	U
105-60-2-----	Caprolactam	376	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

OLM03.0

0069

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-2 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-02A

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

Lab File ID: S3E3024

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: ____

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

Number TICs found: 17

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.11	1860	J
2. 613-12-7	ANTHRACENE, 2-METHYL-	13.68	436	NJ
3. 832-69-9	PHENANTHRENE, 1-METHYL-	13.71	475	NJ
4.	UNKNOWN	13.80	963	J
5. 2789-88-0	DI-P-TOLYLACETYLENE	14.18	515	NJ
6.	UNKNOWN	14.53	901	J
7. 2381-21-7	PYRENE, 1-METHYL-	14.74	632	NJ
8. 243-17-4	11H-BENZO [B] FLUORENE	14.84	1060	NJ
9. 2381-21-7	PYRENE, 1-METHYL-	15.04	685	NJ
10. 2381-21-7	PYRENE, 1-METHYL-	15.06	620	NJ
11. 479-79-8	11H-BENZO [A] FLUOREN-11-ONE	15.33	480	NJ
12. 243-46-9	BENZO [B] NAPHTHO [2,3-D] THIOPH	15.46	790	NJ
13.	UNKNOWN	15.48	428	J
14.	UNKNOWN	15.53	632	J
15. 1705-84-6	TRIPHENYLENE, 2-METHYL-	16.21	561	NJ
16. 192-97-2	BENZO [E] PYRENE	17.67	2570	NJ
17. 198-55-0	PERYLENE	17.91	892	NJ
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-4 10

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-09A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S3E3030

Level: (low/med) LOW

Date Received: 05/11/07

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

Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

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

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
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
120-83-2-----	2,4-Dichlorophenol	360	U
120-82-1-----	1,2,4-Trichlorobenzene	360	U
91-20-3-----	Naphthalene	360	U
106-47-8-----	4-Chloroaniline	360	U
87-68-3-----	Hexachlorobutadiene	360	U
111-91-1-----	bis(2-Chloroethoxy) methane	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	731	U
91-58-7-----	2-Chloronaphthalene	360	U
88-74-4-----	2-Nitroaniline	731	U
131-11-3-----	Dimethylphthalate	360	U
208-96-8-----	Acenaphthylene	360	U
606-20-2-----	2,6-Dinitrotoluene	360	U
99-09-2-----	3-Nitroaniline	731	U
83-32-9-----	Acenaphthene	360	U
51-28-5-----	2,4-Dinitrophenol	731	U
100-02-7-----	4-Nitrophenol	731	U
132-64-9-----	Dibenzofuran	360	U

FORM I SV-1

OLM03.0

0071

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-4 10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0602

Matrix: (soil/water) SOIL Lab Sample ID: F0602-09A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E3030

Level: (low/med) LOW Date Received: 05/11/07

% Moisture: 9 decanted: (Y/N) N Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
121-14-2-----	2,4-Dinitrotoluene	360	U
84-66-2-----	Diethylphthalate	360	U
7005-72-3-----	4-Chlorophenyl-phenylether	360	U
86-73-7-----	Fluorene	360	U
100-01-6-----	4-Nitroaniline	731	U
534-52-1-----	4,6-Dinitro-2-methylphenol	731	U
86-30-6-----	N-Nitrosodiphenylamine (1)	360	U
101-55-3-----	4-Bromophenyl-phenylether	360	U
118-74-1-----	Hexachlorobenzene	360	U
87-86-5-----	Pentachlorophenol	731	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	243	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
92-52-4-----	1,1'-Biphenyl	360	U
98-86-2-----	Acetophenone	360	U
1912-24-9-----	Atrazine	360	U
100-52-7-----	Benzaldehyde	360	U
105-60-2-----	Caprolactam	360	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

OLM03.0

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-4 10

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-09A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S3E3030

Level: (low/med) LOW

Date Received: 05/11/07

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

Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 54833-48-6	HEPTADECANE, 2,6,10,15-TETRA	15.40	33.4	NJ
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. _____	_____	_____	_____	_____

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-4 4.5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-05A

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

Lab File ID: S3E3027

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 7 decanted: (Y/N) N

Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

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

108-95-2-----Phenol	354	U
111-44-4-----bis (2-Chloroethyl) Ether	354	U
95-57-8-----2-Chlorophenol	354	U
95-48-7-----2-Methylphenol	354	U
108-60-1-----2,2'-oxybis (1-Chloropropane)	354	U
106-44-5-----4-Methylphenol	354	U
621-64-7-----N-Nitroso-di-n-propylamine	354	U
67-72-1-----Hexachloroethane	354	U
98-95-3-----Nitrobenzene	354	U
78-59-1-----Isophorone	354	U
88-75-5-----2-Nitrophenol	354	U
105-67-9-----2,4-Dimethylphenol	354	U
120-83-2-----2,4-Dichlorophenol	354	U
120-82-1-----1,2,4-Trichlorobenzene	354	U
91-20-3-----Naphthalene	354	U
106-47-8-----4-Chloroaniline	354	U
87-68-3-----Hexachlorobutadiene	354	U
111-91-1-----bis (2-Chloroethoxy) methane	354	U
59-50-7-----4-Chloro-3-Methylphenol	354	U
91-57-6-----2-Methylnaphthalene	354	U
77-47-4-----Hexachlorocyclopentadiene	354	U
88-06-2-----2,4,6-Trichlorophenol	354	U
95-95-4-----2,4,5-Trichlorophenol	718	U
91-58-7-----2-Chloronaphthalene	354	U
88-74-4-----2-Nitroaniline	718	U
131-11-3-----Dimethylphthalate	354	U
208-96-8-----Acenaphthylene	354	U
606-20-2-----2,6-Dinitrotoluene	354	U
99-09-2-----3-Nitroaniline	718	U
83-32-9-----Acenaphthene	354	U
51-28-5-----2,4-Dinitrophenol	718	U
100-02-7-----4-Nitrophenol	718	U
132-64-9-----Dibenzofuran	354	U

FORM I SV-1

OLM03.0

0074

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-4 4.5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-05A

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

Lab File ID: S3E3027

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 7 decanted: (Y/N) N

Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

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

121-14-2-----	2,4-Dinitrotoluene	354	U
84-66-2-----	Diethylphthalate	107	J
7005-72-3-----	4-Chlorophenyl-phenylether	354	U
86-73-7-----	Fluorene	354	U
100-01-6-----	4-Nitroaniline	718	U
534-52-1-----	4,6-Dinitro-2-methylphenol	718	U
86-30-6-----	N-Nitrosodiphenylamine (1)	354	U
101-55-3-----	4-Bromophenyl-phenylether	354	U
118-74-1-----	Hexachlorobenzene	354	U
87-86-5-----	Pentachlorophenol	718	U
85-01-8-----	Phenanthrene	189	J
120-12-7-----	Anthracene	41.5	J
86-74-8-----	Carbazole	354	U
84-74-2-----	Di-n-butylphthalate	354	U
206-44-0-----	Fluoranthene	355	
129-00-0-----	Pyrene	360	
85-68-7-----	Butylbenzylphthalate	354	U
91-94-1-----	3,3'-Dichlorobenzidine	354	U
56-55-3-----	Benzo (a) anthracene	205	J
218-01-9-----	Chrysene	202	J
117-81-7-----	bis (2-Ethylhexyl) phthalate	232	JB
117-84-0-----	Di-n-octylphthalate	354	U
205-99-2-----	Benzo (b) fluoranthene	287	J
207-08-9-----	Benzo (k) fluoranthene	94.0	J
50-32-8-----	Benzo (a) pyrene	200	J
193-39-5-----	Indeno (1,2,3-cd) pyrene	125	J
53-70-3-----	Dibenzo (a,h) anthracene	354	U
191-24-2-----	Benzo (g,h,i) perylene	354	U
92-52-4-----	1,1'-Biphenyl	354	U
98-86-2-----	Acetophenone	354	U
1912-24-9-----	Atrazine	354	U
100-52-7-----	Benzaldehyde	354	U
105-60-2-----	Caprolactam	354	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

OLM03.0

0075

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-4 4.5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-05A

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

Lab File ID: S3E3027

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 7 decanted: (Y/N) N

Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: ____

CONCENTRATION UNITS:

Number TICs found: 7

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 2531-84-2	PHENANTHRENE, 2-METHYL-	13.68	43.0	NJ
2. 2531-84-2	PHENANTHRENE, 2-METHYL-	13.71	47.2	NJ
3.	UNKNOWN	13.80	80.6	J
4. 111-06-8	HEXADECANOIC ACID, BUTYL EST	14.38	53.6	NJ
5.	UNKNOWN	14.52	52.7	J
6. 479-79-8	11H-BENZO [A] FLUOREN-11-ONE	15.31	34.8	NJ
7.	UNKNOWN	15.37	30.6	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-5 4-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602

Matrix: (soil/water) SOIL Lab Sample ID: F0602-06A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E3028

Level: (low/med) LOW Date Received: 05/11/07

% Moisture: 6 decanted: (Y/N) N Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		
108-95-2-----	Phenol	348	U
111-44-4-----	bis (2-Chloroethyl) Ether	348	U
95-57-8-----	2-Chlorophenol	348	U
95-48-7-----	2-Methylphenol	348	U
108-60-1-----	2,2'-oxybis (1-Chloropropane)	348	U
106-44-5-----	4-Methylphenol	348	U
621-64-7-----	N-Nitroso-di-n-propylamine	348	U
67-72-1-----	Hexachloroethane	348	U
98-95-3-----	Nitrobenzene	348	U
78-59-1-----	Isophorone	348	U
88-75-5-----	2-Nitrophenol	348	U
105-67-9-----	2,4-Dimethylphenol	348	U
120-83-2-----	2,4-Dichlorophenol	348	U
120-82-1-----	1,2,4-Trichlorobenzene	348	U
91-20-3-----	Naphthalene	348	U
106-47-8-----	4-Chloroaniline	348	U
87-68-3-----	Hexachlorobutadiene	348	U
111-91-1-----	bis (2-Chloroethoxy) methane	348	U
59-50-7-----	4-Chloro-3-Methylphenol	348	U
91-57-6-----	2-Methylnaphthalene	348	U
77-47-4-----	Hexachlorocyclopentadiene	348	U
88-06-2-----	2,4,6-Trichlorophenol	348	U
95-95-4-----	2,4,5-Trichlorophenol	706	U
91-58-7-----	2-Chloronaphthalene	348	U
88-74-4-----	2-Nitroaniline	706	U
131-11-3-----	Dimethylphthalate	348	U
208-96-8-----	Acenaphthylene	348	U
606-20-2-----	2,6-Dinitrotoluene	348	U
99-09-2-----	3-Nitroaniline	706	U
83-32-9-----	Acenaphthene	348	U
51-28-5-----	2,4-Dinitrophenol	706	U
100-02-7-----	4-Nitrophenol	706	U
132-64-9-----	Dibenzofuran	348	U

FORM I SV-1

OLM03.0

0077

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-5 4-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602

Matrix: (soil/water) SOIL Lab Sample ID: F0602-06A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E3028

Level: (low/med) LOW Date Received: 05/11/07

% Moisture: 6 decanted: (Y/N) N Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
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121-14-2-----	2,4-Dinitrotoluene	348	U
84-66-2-----	Diethylphthalate	348	U
7005-72-3-----	4-Chlorophenyl-phenylether	348	U
86-73-7-----	Fluorene	348	U
100-01-6-----	4-Nitroaniline	706	U
534-52-1-----	4,6-Dinitro-2-methylphenol	706	U
86-30-6-----	N-Nitrosodiphenylamine (1)	348	U
101-55-3-----	4-Bromophenyl-phenylether	348	U
118-74-1-----	Hexachlorobenzene	348	U
87-86-5-----	Pentachlorophenol	706	U
85-01-8-----	Phenanthrene	348	U
120-12-7-----	Anthracene	348	U
86-74-8-----	Carbazole	348	U
84-74-2-----	Di-n-butylphthalate	348	U
206-44-0-----	Fluoranthene	348	U
129-00-0-----	Pyrene	348	U
85-68-7-----	Butylbenzylphthalate	348	U
91-94-1-----	3,3'-Dichlorobenzidine	348	U
56-55-3-----	Benzo(a)anthracene	348	U
218-01-9-----	Chrysene	348	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	184	JB
117-84-0-----	Di-n-octylphthalate	348	U
205-99-2-----	Benzo(b)fluoranthene	348	U
207-08-9-----	Benzo(k)fluoranthene	348	U
50-32-8-----	Benzo(a)pyrene	348	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	348	U
53-70-3-----	Dibenzo(a,h)anthracene	348	U
191-24-2-----	Benzo(g,h,i)perylene	348	U
92-52-4-----	1,1'-Biphenyl	348	U
98-86-2-----	Acetophenone	348	U
1912-24-9-----	Atrazine	348	U
100-52-7-----	Benzaldehyde	348	U
105-60-2-----	Caprolactam	348	U

(1) - Cannot be separated from Diphenylamine
FORM I SV-2

OLM03.0

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-5 4-5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-06A

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

Lab File ID: S3E3028

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 6 decanted: (Y/N) N

Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: ____

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. 112-95-8	EICOSANE	15.38	26.5	NJ
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-6 10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0602

Matrix: (soil/water) SOIL Lab Sample ID: F0602-10A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E3031

Level: (low/med) LOW Date Received: 05/11/07

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

108-95-2-----	Phenol	411	U
111-44-4-----	bis(2-Chloroethyl) Ether	411	U
95-57-8-----	2-Chlorophenol	411	U
95-48-7-----	2-Methylphenol	411	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	411	U
106-44-5-----	4-Methylphenol	411	U
621-64-7-----	N-Nitroso-di-n-propylamine	411	U
67-72-1-----	Hexachloroethane	411	U
98-95-3-----	Nitrobenzene	411	U
78-59-1-----	Isophorone	411	U
88-75-5-----	2-Nitrophenol	411	U
105-67-9-----	2,4-Dimethylphenol	411	U
120-83-2-----	2,4-Dichlorophenol	411	U
120-82-1-----	1,2,4-Trichlorobenzene	411	U
91-20-3-----	Naphthalene	411	U
106-47-8-----	4-Chloroaniline	411	U
87-68-3-----	Hexachlorobutadiene	411	U
111-91-1-----	bis(2-Chloroethoxy)methane	411	U
59-50-7-----	4-Chloro-3-Methylphenol	411	U
91-57-6-----	2-Methylnaphthalene	411	U
77-47-4-----	Hexachlorocyclopentadiene	411	U
88-06-2-----	2,4,6-Trichlorophenol	411	U
95-95-4-----	2,4,5-Trichlorophenol	835	U
91-58-7-----	2-Chloronaphthalene	411	U
88-74-4-----	2-Nitroaniline	835	U
131-11-3-----	Dimethylphthalate	411	U
208-96-8-----	Acenaphthylene	411	U
606-20-2-----	2,6-Dinitrotoluene	411	U
99-09-2-----	3-Nitroaniline	835	U
83-32-9-----	Acenaphthene	411	U
51-28-5-----	2,4-Dinitrophenol	835	U
100-02-7-----	4-Nitrophenol	835	U
132-64-9-----	Dibenzofuran	411	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-6 10

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602

Matrix: (soil/water) SOIL Lab Sample ID: F0602-10A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E3031

Level: (low/med) LOW Date Received: 05/11/07

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
121-14-2-----	2,4-Dinitrotoluene	411	U
84-66-2-----	Diethylphthalate	411	U
7005-72-3-----	4-Chlorophenyl-phenylether	411	U
86-73-7-----	Fluorene	411	U
100-01-6-----	4-Nitroaniline	835	U
534-52-1-----	4,6-Dinitro-2-methylphenol	835	U
86-30-6-----	N-Nitrosodiphenylamine (1)	411	U
101-55-3-----	4-Bromophenyl-phenylether	411	U
118-74-1-----	Hexachlorobenzene	411	U
87-86-5-----	Pentachlorophenol	835	U
85-01-8-----	Phenanthrene	411	U
120-12-7-----	Anthracene	411	U
86-74-8-----	Carbazole	411	U
84-74-2-----	Di-n-butylphthalate	411	U
206-44-0-----	Fluoranthene	411	U
129-00-0-----	Pyrene	411	U
85-68-7-----	Butylbenzylphthalate	411	U
91-94-1-----	3,3'-Dichlorobenzidine	411	U
56-55-3-----	Benzo(a)anthracene	411	U
218-01-9-----	Chrysene	411	U
117-81-7-----	bis(2-Ethylhexyl)phthalate	281	JB
117-84-0-----	Di-n-octylphthalate	411	U
205-99-2-----	Benzo(b)fluoranthene	411	U
207-08-9-----	Benzo(k)fluoranthene	411	U
50-32-8-----	Benzo(a)pyrene	411	U
193-39-5-----	Indeno(1,2,3-cd)pyrene	411	U
53-70-3-----	Dibenzo(a,h)anthracene	411	U
191-24-2-----	Benzo(g,h,i)perylene	411	U
92-52-4-----	1,1'-Biphenyl	411	U
98-86-2-----	Acetophenone	411	U
1912-24-9-----	Atrazine	411	U
100-52-7-----	Benzaldehyde	411	U
105-60-2-----	Caprolactam	411	U

(1) - Cannot be separated from Diphenylamine
FORM I SV-2

OLM03.0

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-6 10

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-10A

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

Lab File ID: S3E3031

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 20 decanted: (Y/N) N

Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: ____

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	15.36	31.2	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-6 4-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602

Matrix: (soil/water) SOIL Lab Sample ID: F0602-07A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E3155

Level: (low/med) LOW Date Received: 05/11/07

% Moisture: 5 decanted: (Y/N) N Date Extracted: 05/23/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

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
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
120-83-2-----	2,4-Dichlorophenol	350	U
120-82-1-----	1,2,4-Trichlorobenzene	350	U
91-20-3-----	Naphthalene	350	U
106-47-8-----	4-Chloroaniline	350	U
87-68-3-----	Hexachlorobutadiene	350	U
111-91-1-----	bis (2-Chloroethoxy) methane	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	700	U
91-58-7-----	2-Chloronaphthalene	350	U
88-74-4-----	2-Nitroaniline	700	U
131-11-3-----	Dimethylphthalate	350	U
208-96-8-----	Acenaphthylene	350	U
606-20-2-----	2,6-Dinitrotoluene	350	U
99-09-2-----	3-Nitroaniline	700	U
83-32-9-----	Acenaphthene	350	U
51-28-5-----	2,4-Dinitrophenol	700	U
100-02-7-----	4-Nitrophenol	700	U
132-64-9-----	Dibenzofuran	350	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-6 4-5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-07A

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: S3E3155

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 5 decanted: (Y/N) N

Date Extracted: 05/23/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/23/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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121-14-2-----	2,4-Dinitrotoluene	350	U
84-66-2-----	Diethylphthalate	350	U
7005-72-3-----	4-Chlorophenyl-phenylether	350	U
86-73-7-----	Fluorene	350	U
100-01-6-----	4-Nitroaniline	700	U
534-52-1-----	4,6-Dinitro-2-methylphenol	700	U
86-30-6-----	N-Nitrosodiphenylamine (1)	350	U
101-55-3-----	4-Bromophenyl-phenylether	350	U
118-74-1-----	Hexachlorobenzene	350	U
87-86-5-----	Pentachlorophenol	700	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	47	J
129-00-0-----	Pyrene	49	J
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	110	JB
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
92-52-4-----	1,1'-Biphenyl	350	U
98-86-2-----	Acetophenone	350	U
1912-24-9-----	Atrazine	350	U
100-52-7-----	Benzaldehyde	350	U
105-60-2-----	Caprolactam	350	U

(1) - Cannot be separated from Diphenylamine

FORM I SV-2

OLM03.0

0084

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-6 4-5

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-07A

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: S3E3155

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 5 decanted: (Y/N) N

Date Extracted: 05/23/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/23/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: ____

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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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-X 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-03A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S3E3025

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

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

108-95-2-----	Phenol	377	U
111-44-4-----	bis(2-Chloroethyl) Ether	377	U
95-57-8-----	2-Chlorophenol	377	U
95-48-7-----	2-Methylphenol	377	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	377	U
106-44-5-----	4-Methylphenol	377	U
621-64-7-----	N-Nitroso-di-n-propylamine	377	U
67-72-1-----	Hexachloroethane	377	U
98-95-3-----	Nitrobenzene	377	U
78-59-1-----	Isophorone	377	U
88-75-5-----	2-Nitrophenol	377	U
105-67-9-----	2,4-Dimethylphenol	377	U
120-83-2-----	2,4-Dichlorophenol	377	U
120-82-1-----	1,2,4-Trichlorobenzene	377	U
91-20-3-----	Naphthalene	68.7	J
106-47-8-----	4-Chloroaniline	377	U
87-68-3-----	Hexachlorobutadiene	377	U
111-91-1-----	bis(2-Chloroethoxy)methane	377	U
59-50-7-----	4-Chloro-3-Methylphenol	377	U
91-57-6-----	2-Methylnaphthalene	90.0	J
77-47-4-----	Hexachlorocyclopentadiene	377	U
88-06-2-----	2,4,6-Trichlorophenol	377	U
95-95-4-----	2,4,5-Trichlorophenol	765	U
91-58-7-----	2-Chloronaphthalene	377	U
88-74-4-----	2-Nitroaniline	765	U
131-11-3-----	Dimethylphthalate	377	U
208-96-8-----	Acenaphthylene	89.5	J
606-20-2-----	2,6-Dinitrotoluene	377	U
99-09-2-----	3-Nitroaniline	765	U
83-32-9-----	Acenaphthene	89.3	J
51-28-5-----	2,4-Dinitrophenol	765	U
100-02-7-----	4-Nitrophenol	765	U
132-64-9-----	Dibenzofuran	75.1	J

FORM I SV-1

OLM03.0

0086

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GP-X 3-4

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0602

Matrix: (soil/water) SOIL Lab Sample ID: F0602-03A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E3025

Level: (low/med) LOW Date Received: 05/11/07

% Moisture: 13 decanted: (Y/N) N Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
121-14-2-----	2,4-Dinitrotoluene	377	U
84-66-2-----	Diethylphthalate	77.3	J
7005-72-3-----	4-Chlorophenyl-phenylether	377	U
86-73-7-----	Fluorene	74.9	J
100-01-6-----	4-Nitroaniline	765	U
534-52-1-----	4,6-Dinitro-2-methylphenol	765	U
86-30-6-----	N-Nitrosodiphenylamine (1)	377	U
101-55-3-----	4-Bromophenyl-phenylether	377	U
118-74-1-----	Hexachlorobenzene	377	U
87-86-5-----	Pentachlorophenol	765	U
85-01-8-----	Phenanthrene	1420	
120-12-7-----	Anthracene	281	J
86-74-8-----	Carbazole	134	J
84-74-2-----	Di-n-butylphthalate	377	U
206-44-0-----	Fluoranthene	3340	
129-00-0-----	Pyrene	2920	
85-68-7-----	Butylbenzylphthalate	377	U
91-94-1-----	3,3'-Dichlorobenzidine	377	U
56-55-3-----	Benzo (a) anthracene	1820	
218-01-9-----	Chrysene	1750	
117-81-7-----	bis (2-Ethylhexyl) phthalate	340	JB
117-84-0-----	Di-n-octylphthalate	377	U
205-99-2-----	Benzo (b) fluoranthene	2610	
207-08-9-----	Benzo (k) fluoranthene	866	
50-32-8-----	Benzo (a) pyrene	1770	
193-39-5-----	Indeno (1,2,3-cd) pyrene	1100	
53-70-3-----	Dibenzo (a,h) anthracene	332	J
191-24-2-----	Benzo (g,h,i) perylene	1310	
92-52-4-----	1,1'-Biphenyl	377	U
98-86-2-----	Acetophenone	377	U
1912-24-9-----	Atrazine	377	U
100-52-7-----	Benzaldehyde	377	U
105-60-2-----	Caprolactam	377	U

(1) - Cannot be separated from Diphenylamine
FORM I SV-2

OLM03.0

0087

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP-X 3-4

Lab Name: MITKEM CORPORATION

Contract:

Lab Code: MITKEM

Case No.:

SAS No.:

SDG No.: MF0602

Matrix: (soil/water) SOIL

Lab Sample ID: F0602-03A

Sample wt/vol: 30.2 (g/mL) G

Lab File ID: S3E3025

Level: (low/med) LOW

Date Received: 05/11/07

% Moisture: 13 decanted: (Y/N) N

Date Extracted: 05/13/07

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/18/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: ____

Number TICs found: 15

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	UNKNOWN	6.11	1140	J
2.	UNKNOWN	13.02	323	J
3. 2531-84-2	PHENANTHRENE, 2-METHYL-	13.68	345	NJ
4. 2531-84-2	PHENANTHRENE, 2-METHYL-	13.71	351	NJ
5. 112-95-8	EICOSANE	13.77	228	NJ
6.	UNKNOWN	13.80	696	J
7.	UNKNOWN	14.53	189	J
8. 2381-21-7	PYRENE, 1-METHYL-	14.74	147	NJ
9. 243-17-4	11H-BENZO [B] FLUORENE	14.83	185	NJ
10. 33543-31-6	FLUORANTHENE, 2-METHYL-	15.03	124	NJ
11. 2381-21-7	PYRENE, 1-METHYL-	15.06	134	NJ
12. 479-79-8	11H-BENZO [A] FLUOREN-11-ONE	15.33	100	NJ
13.	UNKNOWN	15.52	116	J
14. 2541-69-7	BENZ [A] ANTHRACENE, 7-METHYL-	16.21	98.6	NJ
15. 192-97-2	BENZO [E] PYRENE	17.66	2090	NJ
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
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29.				
30.				

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation Contract: 3(2.5-3)

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0602

Matrix (soil/water): SOIL Lab Sample ID: F0602-04

Level (low/med): MED Date Received: 05/11/2007

% Solids: 83.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.3			P
7440-39-3	Barium	153			P
7440-43-9	Cadmium	1.8			P
7440-47-3	Chromium	20.7		E	P
7439-92-1	Lead	98.1		E	P
7439-97-6	Mercury	0.19			CV
7782-49-2	Selenium	0.071	U	N	P
7440-22-4	Silver	0.77	B		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: Mitkem CorporationContract: FBLab Code: MITKEMCase No.: SAS No.: SDG No.: MF0602Matrix (soil/water): WATERLab Sample ID: F0602-08Level (low/med): MEDDate Received: 05/12/2007% Solids: 0.0Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.6	U		P
7440-39-3	Barium	2.7	B		P
7440-43-9	Cadmium	0.10	U		P
7440-47-3	Chromium	0.55	B		P
7439-92-1	Lead	0.46	U		P
7439-97-6	Mercury	0.047	U		CV
7782-49-2	Selenium	0.98	U		P
7440-22-4	Silver	2.2	B		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation

Contract: _____

GP-1 3-4Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: MF0602Matrix (soil/water): SOILLab Sample ID: F0602-01Level (low/med): MEDDate Received: 05/11/2007% Solids: 88.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.0			P
7440-39-3	Barium	41.5			P
7440-43-9	Cadmium	0.038	B		P
7440-47-3	Chromium	13.2		E	P
7439-92-1	Lead	10.5		E	P
7439-97-6	Mercury	0.0077	U		CV
7782-49-2	Selenium	0.046	U	N	P
7440-22-4	Silver	0.38	B		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation Contract: GP-2 3-4

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602

Matrix (soil/water): SOIL Lab Sample ID: F0602-02

Level (low/med): MED Date Received: 05/11/2007

% Solids: 87.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.073	U		P
7440-39-3	Barium	0.89	B		P
7440-43-9	Cadmium	0.0053	U		P
7440-47-3	Chromium	23.4		E	P
7439-92-1	Lead	0.99		E	P
7439-97-6	Mercury	0.70			CV
7782-49-2	Selenium	0.064	U	N	P
7440-22-4	Silver	0.055	B		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation

Contract: _____

GP-4 10Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: MF0602Matrix (soil/water): SOILLab Sample ID: F0602-09Level (low/med): MEDDate Received: 05/11/2007% Solids: 91.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.62	B		P
7440-39-3	Barium	29.1			P
7440-43-9	Cadmium	0.0055	B		P
7440-47-3	Chromium	12.3		E	P
7439-92-1	Lead	8.3		E	P
7439-97-6	Mercury	0.0076	U		CV
7782-49-2	Selenium	0.050	U	N	P
7440-22-4	Silver	0.43	B		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation Contract: GP-4 4.5

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602

Matrix (soil/water): SOIL Lab Sample ID: F0602-05

Level (low/med): MED Date Received: 05/11/2007

% Solids: 93.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.0			P
7440-39-3	Barium	49.7			P
7440-43-9	Cadmium	0.11	B		P
7440-47-3	Chromium	9.1		E	P
7439-92-1	Lead	52.6		E	P
7439-97-6	Mercury	0.14			CV
7782-49-2	Selenium	0.038	U	N	P
7440-22-4	Silver	0.30	B		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation

Contract: _____

GP-5 4-5Lab Code: MITKEM

Case No.: _____

SAS No.: _____

SDG No.: MF0602Matrix (soil/water): SOILLab Sample ID: F0602-06Level (low/med): MEDDate Received: 05/11/2007% Solids: 94.0Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.49	B		P
7440-39-3	Barium	30.0			P
7440-43-9	Cadmium	0.0050	U		P
7440-47-3	Chromium	9.1		E	P
7439-92-1	Lead	7.7		E	P
7439-97-6	Mercury	0.0067	U		CV
7782-49-2	Selenium	0.061	U	N	P
7440-22-4	Silver	0.28	B		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation Contract: GP-6 10

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0602

Matrix (soil/water): SOIL Lab Sample ID: F0602-10

Level (low/med): MED Date Received: 05/11/2007

% Solids: 80.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	0.24	B		P
7440-39-3	Barium	20.2			P
7440-43-9	Cadmium	0.0049	U		P
7440-47-3	Chromium	6.9		E	P
7439-92-1	Lead	6.4		E	P
7439-97-6	Mercury	0.0085	U		CV
7782-49-2	Selenium	0.060	U	N	P
7440-22-4	Silver	0.26	B		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation Contract: GP-6 4-5

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602

Matrix (soil/water): SOIL Lab Sample ID: F0602-07

Level (low/med): MED Date Received: 05/11/2007

% Solids: 95.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.9			P
7440-39-3	Barium	34.5			P
7440-43-9	Cadmium	0.089	B		P
7440-47-3	Chromium	8.8		E	P
7439-92-1	Lead	26.5		E	P
7439-97-6	Mercury	0.058			CV
7782-49-2	Selenium	0.037	U	N	P
7440-22-4	Silver	0.29	B		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: Mitkem Corporation Contract: GP-X 3-4

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0602

Matrix (soil/water): SOIL Lab Sample ID: F0602-03

Level (low/med): MED Date Received: 05/11/2007

% Solids: 87.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	22.3			P
7440-39-3	Barium	295			P
7440-43-9	Cadmium	2.6			P
7440-47-3	Chromium	48.2		E	P
7439-92-1	Lead	691		E	P
7439-97-6	Mercury	0.67			CV
7782-49-2	Selenium	0.069	U	N	P
7440-22-4	Silver	2.1			P

Comments:
