RICH
ENVIRONMENTAL SPECIALISTS

February 26, 2008

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: **Site Closure Report**
Empire State Varnish Company, Inc.
38 Varick Street, Brooklyn, NY
Site ID # 224123
RCRA Case # C02-20030729-161

Dear Mr. Nattanmai:

On behalf of the Empire State Varnish Company, Inc., CA Rich Consultants, Inc. is pleased to provide you with the attached Site Closure Report for the above-referenced site. As requested, a complete electronic copy of the Report has also been included for your convenience. This Site Closure Report was prepared in accordance with our NYSDEC-approved Closure Plan dated April 11, 2007.

This Report along with the earlier Subsurface Soil Investigation Report for this Site dated June 11, 2007 document that the Site has been properly decommissioned and the remedial goals have been met. We look forward to NYSDEC's approval of this Closure Report and issuance of an approval letter indicating that "No Further Action" is required regarding the historical paint and varnish production activities. The new property owner, ExxonMobil, will continue to utilize this property for their Greenpoint Oil Spill recovery efforts.

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

Respectfully submitted,

CA RICH CONSULTANTS, INC.

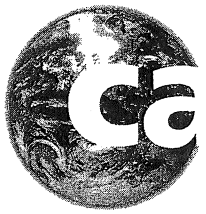
Stephen Malinowski
Project Manager

Reviewed By

Charles A. Rich, CPG
President

Attachment

cc: Christopher Proce, Roux Associates
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



SITE CLOSURE REPORT

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

Prepared: February 2008

Prepared by:

CA RICH CONSULTANTS, INC.
17 Dupont Street
Plainview, New York 11803
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ATTACHMENT

Complete electronic copies of the following supporting documents are included in electronic format in Attachment A. Please see CD in the back pocket of this Report.

Attachment A

Roux Associates, Inc., March 5, 2007, Summary of Investigation Activities.

CA Rich Consultants, Inc., April 11, 2007, Planned Site Closure Activities.

CA Rich Consultants, Inc., May 3, 2007, Scope of Work for Subsurface Borings.

NYSDEC, May 8, 2007, Email Approval of Scope of Work.

CA Rich Consultants, Inc., June 11, 2007, Subsurface Investigation Report.

CA Rich Consultants, Inc., November 2, 2006, Summary of Environmental Conditions.

CA Rich Consultants, Inc., January 2, 2007, Construction Fill in Greenpoint.

CLOSURE REPORT
EMPIRE STATE VARNISH
SITE ID # 224123
RCRA CASE # C02-20030729-161

1.0 INTRODUCTION

On behalf of the Empire State Varnish Company, Inc. (Empire), CA Rich Consultants, Inc. (CA RICH) of Plainview, New York is pleased to submit this Closure Report describing the remedial cleanup and testing activities completed to obtain formal approval from the New York State Department of Environmental Conservation (NYSDEC). The scope of work included the completion of soil borings as part of a subsurface investigation, waste identification & consolidation, removal of all aboveground and underground storage tanks, and the off-site disposal of hundreds of 55-gallon drums of site-related hazardous and non-hazardous waste materials. This Report was prepared in accordance with the NYSDEC-Approved Planned Site Closure Activities prepared by CA RICH dated April 11, 2007. The Closure Plan was approved by NYSDEC on April 13, 2007.

2.0 BACKGROUND AND PURPOSE

2.1 GENERAL SITE INFORMATION

The EMPIRE property or "Site" is situated along the east side of Varick Street approximately 200 feet from the corner of Bridgewater Street in Greenpoint, Brooklyn, NY, (Figure 1). The irregularly shaped Property is also accessed from Bridgewater Street. The Property is zoned M3-1 (heavy industrial) and consists of an approximately 30,000 sq. ft. lot that has been improved with several small buildings that were historically utilized to produce paint and varnish.

EMPIRE produced paint and varnish on-site from the 1930's until operations completely ceased in early December 2007. The historical 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 and 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.

Over the past few years, Empire has been in the process of completing the final stages of certain regulatory compliance requirements mandated by a Consent Order issued to Empire by NYSDEC on November 16, 2005. In the winter of 2006, the ExxonMobil Refining and Supply Company (ExxonMobil) expressed interest in purchasing the Site to expand an existing subsurface oil product recovery system being utilized to recover a residual underground oil spill that occurred in this section of Greenpoint, Brooklyn (see Section 2.2 for further details). NYSDEC was notified of the pending property transaction and a Scope of Work to perform further on-site environmental investigation in the interests of the prospective Purchaser, ExxonMobil, was developed by ExxonMobil and approved by NYSDEC. The testing was conducted by ExxonMobil's environmental consultant: Roux Associates, Inc. of Islandia, NY, and reported to NYSDEC in a Summary of Investigation Activities report dated March 5, 2007 (Ref.1). A complete electronic copy is included in Attachment A.

Based upon the outcome of the testing, ExxonMobil expressed continued interest in acquiring the Site with the understanding that Empire would fully satisfy any remaining NYSDEC requirements pertaining to Empire's existing Consent Order and obtain formal Closure of the facility from NYSDEC. A Closure Plan documenting the necessary steps to further investigate and fully clean up the Site pursuant to the mutual interests of all concerned parties was prepared by CA RICH, on behalf of Empire, on April 11, 2007 (Ref. 2) and submitted to NYSDEC for approval. CA RICH's Closure Plan was approved and the testing and cleanup work outlined in the Plan is the subject of this Report. A complete electronic copy is included in Attachment A.

2.2 REGIONAL PETROLEUM SPILL

The neighborhood in which EMPIRE is situated contains a fairly widespread, notable, historical oil spill ("the Greenpoint Oil Spill") that was discovered by the U.S. Coast Guard seeping into Newtown Creek at the foot of Meeker Avenue in September, 1978. The Greenpoint Oil Spill is generally characterized as a relatively large residual subsurface plume of oil occurring in the subsurface present chiefly at water table depths. A portion of this approximately 55-acre plume of petroleum is located directly beneath the subject Site. Empire is not responsible for the petroleum-impacted soil or underlying groundwater quality associated with this widespread petroleum spill.

Although several subsurface investigations have been conducted over the past thirty (30) years, the exact historical source(s) of the Greenpoint Oil Spill was never determined and remains unknown. However, ExxonMobil has since taken the lead, as one of several potentially responsible parties, to manage much of the ongoing requisite remedial investigations and product recovery efforts taking place within the plume area subject to NYSDEC's ongoing oversight. Since the early 1990s, these recovery activities have been conducted in accordance with sequential Consent Orders between ExxonMobil and NYSDEC. To date, more than 9 million gallons of hydrocarbon product have reportedly been recovered from the subsurface plume by several active recovery wells operated by ExxonMobil throughout the impacted area of Greenpoint. However, the length of time still required to adequately remediate the remaining oil in the ground has not been determined or reported at this time.

On August 22, 2007, ExxonMobil purchased the subject Empire Site from Empire to expand its product recovery system by installing additional recovery wells within the 'heart' of the plume area. As such, Empire was given 120 days to cease all operations and complete all on-site cleanup activities detailed in its Closure Plan. Although ExxonMobil now holds Title to the former Empire property, it is currently waiting for NYSDEC to approve this Site Closure Report and issue a "No Further Action" letter to Empire before they begin preparing and utilizing this property to enhance their ongoing Spill recovery efforts.

3.0 SUMMARY OF WORK PERFORMED

3.1 SUBSURFACE SOIL BORING ACTIVITIES

Prior to conducting the remedial work activities at the Site, CA RICH submitted a Scope of Work to NYSDEC (Ref. 3) to perform a limited subsurface investigation to further evaluate the quality of subsurface soil and sediments at six formerly inaccessible areas on-Site, as shown on Figure 2. The Scope of Work was approved by NYSDEC via email on May 8, 2007. A complete electronic copy of the Scope of Work and NYSDEC's email is included in Attachment A. A total of eight (8) soil samples were analyzed for volatile organic compounds (VOCs) via Method 8260, semi-volatile organic compounds (SVOCs) via Method 8270 and the eight RCRA-listed heavy metals. As previously agreed to with NYSDEC the results were compared to the NYSDEC's Part 375 restricted-commercial use soil cleanup objectives (Ref. 4). The test results revealed that the subsurface earth materials were not impacted by historic on-site varnish operations. A brief summary of the test results are provided below:

- All VOCs detected in the soil were far below NYSDEC's restricted-commercial use soil cleanup objectives.

- All SVOCs detected in the soil were below NYSDEC's restricted-commercial use soil cleanup objectives 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 2.85 parts per million (ppm), above the Cleanup Objective of 1.0 ppm. 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 1.77 ppm.

- All heavy metals detected in the soil were far below NYSDEC's restricted-commercial use soil cleanup objectives 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 Use Soil Cleanup Objective for arsenic is 16 ppm. The eastern U.S.A. background level for arsenic is between 3 to 12 ppm.

A comparison of the results with guidance provided in NYSDEC's applicable Part 375 restricted-commercial use soil cleanup objectives is presented on Tables 1 through 3. The field and laboratory analytical methodologies, as well as the results of CA RICH's subsurface investigation are discussed in detail in CA RICH's Subsurface Investigation Report dated June 11, 2007 (Ref. 5). The Subsurface Investigation Report was approved by NYSDEC via email on June 21, 2007. A complete electronic copy of The Subsurface Investigation Report is included in Attachment A.

3.2 WASTE CONSOLIDATION AND DISPOSAL

Physical decommissioning of the Site began in the western side of the property referred to as the 'upper yard' with loading of non-hazardous solids such as coke, resins and solidified vegetable oil into roll-off dumpsters supplied by CleanVenture/CycleChem. A total of two (2) 25 cubic yard dumpsters were filled and transported off-site by Clean Venture, Inc. to Cycle Chem Inc in Elizabeth, New Jersey for destruction. Manifests documenting the proper off-site shipping and disposal activities that were conducted on August 23, 2007 and August 31, 2007 are included in Appendix A. Also included are confirming Certificates of Destruction as provided by Cycle Chem.

To make room in the 'lower yard' for the scheduled tank removal activities, a tractor trailer operated by Clean Venture Inc. was mobilized to the Site to remove ninety-two (92) 55-gallon drums of waste paints. These drums were generated by Empire employees during the waste consolidation of the facilities' small container inventory, and while draining select storage tanks. Due to the flammability of the contents within the drums, the material was transported as a hazardous waste to Cycle Chem in Elizabeth, New Jersey. A copy of the hazardous waste disposal manifest for the drum shipment on September 5, 2007 is included in Appendix B. This material is scheduled for destruction but due to Cycle Chem's blending process Certificates of Destruction will not be readily available for up to six months (to be provided upon request).

3.3 ABOVEGROUND STORAGE TANKS (ASTS)

Empire's paint and varnish production process utilized twenty-eight (28) aboveground process tanks located in Tank Room D in the lower yard along Bridgewater Street. An additional, 1,500-gallon AST identified as Tank E is located outside of Tank Room D (see Figure 2). These tanks range in volume capacity from 462 up to 3,290 gallons and are listed on the following table:

AST Capacity and Identification Summary

Tank ID	Capacity	Tank ID	Capacity
1	1,023	**29**	462
2	1,023	**30**	462
3	1,023	**31**	462
4	1,023	**32**	462
5	1,023	**33**	462
6	1,023	**34**	462
7	1,023	**35**	462
8	1,023	**36**	462
E	1,500	**37**	462
F	2,350	**38**	462
G	3,290	**39**	462
H	2,330	**40**	462
J	2,065	**41**	462
27	462	**42**	462
28	462		

Prior to removing these ASTs, three transite panels in Tank Room D were identified as suspect asbestos-containing material (ACM). Since these panels were covering the front of Tank G they were removed by Abtron Corporation, a State-Certified Asbestos Handling Contractor on September 12, 2007. The panels were transported under waste manifest control and delivered to Minerva Enterprises in Waynesburg Ohio, for proper off-site disposal. A copy of the manifest and the asbestos handling license is found in Appendix C of this Report.

AST removal activities began on September 12, 2007 immediately after the asbestos panels were removed from Tank Room D. At this time, the ASTs had already been emptied of free liquids by Empire but still contained viscous non-pourable liquids and semi-solid varnish/vegetable oils. American Environmental Services, Inc. (American) was contracted by Empire to supply manpower and equipment to remove and containerize these remaining residuals, clean the interior of each tank, and dispose of the steel as scrap metal. American employees first removed the western wall of the tank room and utilized a forklift to individually lift each tank from its steel support rack and place it upon the ground. Once on the ground, each tank was then cut open for cleaning and inspection.

Upon inspection, the tanks appeared intact and no holes or cracks were observed. Staining was observed on the outside of each individual tank, appurtenant piping, and the concrete under the ASTs. The stains appeared to be accumulated drips of vanish that hardened and adhered to the outside of the tanks and floor. All hardened varnish was chiseled off the tanks and scraped from the floor by American personnel and stored in drums for proper disposal. The interior of each tank contained varying quantities of tank sludge consisting of a mixture of both a semi-solid liquid and hardened varnish. The sludge was shoveled, scraped and chiseled out of each tank and placed into labeled 55-gallon drums for disposal at a later date.

The location, shape, and size of the three larger tanks made it logistically difficult to completely remove all the liquid contents by hand or draining. A vacuum truck operated by American was mobilized to the Site in order to remove the remaining liquids from the three larger tanks, identified as F, G and H, as well as the residual liquids in several of the adjoining underground storage tanks in preparation for their removal. A total of 1,857-gallons of liquid was removed by American and transported under non-hazardous waste manifest control to Clean Water of Staten Island, New York on September 19, 2007. A copy of the non-hazardous liquid waste manifests is included in Appendix D of this Report.

On September 25, 2007, an empty 1,500-gallon tank identified as Tank E, located north of Tank room D was removed. All associated piping was disconnected from the tank and the tank was cut, cleaned and disposed of along with the other tanks that had been removed from Tank Room D. This tank appeared to be in good condition with no visible signs of leaks or extreme corrosion. The cutting and cleaning of all of the ASTs was completed on September 27, 2007.

In addition to the twenty-nine (29) stationary tanks discussed above, the AST removal activity included one truck-mounted tank wagon with two 2,100-gallon compartments. The storage compartments of the tank wagon were drained by Empire's personnel until they were free of liquids. Holes were cut in the bottom of the tank wagon and the semi-solid skins of partially dried vegetable oils were scrapped out from each compartment. All material removed was placed in 55-gallon drums for disposal at a later date. Once empty, the tank wagon was taken to a local scrap yard by O'Connell Contracting in July 2007.

3.4 UNDERGROUND STORAGE TANKS (USTs)

3.4.1 General

The Site contained seventeen (17) inactive underground storage tanks (USTs) situated beneath the lower yard along Bridgewater Street having a total combined capacity of 15,690 gallons. These USTs were historically utilized to store solvents such as mineral spirits until the early 1980's. The USTs were subsequently used primarily for the storage of linseed and soybean oils until the early 1990's. A map depicting the approximate location and identification number of each UST is included on Figure 2 and in Appendix E. A Site Plan including all soil sampling locations is attached as Figure 3. A table summarizing the size and capacity of the USTs is provided on the following page.

UST Identification and Capacity Summary

Tank #	Capacity In Gallons	Encased In Concrete
1	1,500	Yes
2	1,500	Yes
3	550	Yes
4	550	Yes
5	550	Yes
6	1,500	No
7	1,500	No
8	1,500	No
9	1,080	No
10	1,080	No
11	1,080	No
12	550	Yes
13	550	Yes
14	550	Yes
15	550	Yes
16	550	Yes
17	550	Yes

3.4.2 SITE PREPARATION

Prior to beginning the UST removal activities, a utility mark-out was performed to ensure a safe dig. To make room in the lower yard for the excavation equipment, a tractor trailer operated by Clean Venture Inc. was mobilized to the Site to remove an additional fifty-six (56) 55-gallon drums of waste paint and varnish. The drums were generated by Empire personnel during the waste consolidation of the facilities' small container inventory and while draining select ASTs. Due to the flammability of the contents within the drums, the material was classified as a hazardous waste and transported off-site to Cycle Chem in Elizabeth, New Jersey. A copy of the hazardous waste disposal manifest for the drum shipment on September 25, 2007 is included in Appendix B. This material is scheduled for destruction but due to Cycle Chem's blending process Certificates of Destruction will not be available for up to six months but can be made available upon request.

On September 27, 2007, a vacuum truck operated by American was mobilized to the Site to remove residual liquids remaining within the appurtenant lines associated with the USTs. A total of 30-gallons of a vegetable oil and water mixture were removed from the lines for off-site disposal at this time. The fluid was transported under non-hazardous waste manifest control to Clean Water of Staten Island. A copy of the non-hazardous waste manifest documenting the proper off-site disposal of this material is included in Appendix D.

Due to the logistical constraints of the Site, the planned UST excavation was divided into two smaller separate areas or sections of excavation for UST handling and safety purposes. The western excavation included tanks identified as 1 through 5 and the eastern excavation included tanks 6 through 17. The tank locations are depicted on Figure 2 and the limits of the excavations are shown on Figure 3.

3.4.2 Western UST Excavation

The UST removal activities began with the breakup and removal of the concrete slab on top of the tank field. The western excavation was located in the northwestern corner of the Site adjacent to an Asian food distributor on the corner of Bridgewater Street and Varick Street. This western excavation included two (2) 1,500-gallon USTs identified as numbers 1 and 2, and three (3) 550-gallon USTs identified as numbers 3, 4 & 5. All five tanks were encased in concrete.

On October 1, 2007, a rubber-tired backhoe was utilized to remove the soil and fill lines above the concrete encasement covering USTs 1 through 5. Upon inspection, it was noted that portions of the removed lines were rusted and contained pin-sized holes in the steel. CA RICH personnel equipped with a hand-held photo-ionization detector (PID) and flame-ionization detector (FID) capable of detecting total VOCs, obtained readings of approximately 200 ppm from the soil above the USTs and the western edge of the excavation. American was instructed to place the soil on poly-sheeting for testing and off-site disposal.

Once the overburden soil and fill lines were removed, the backhoe began breaking apart the concrete encasements surrounding USTs 1 through 5. The concrete was removed from the hole and placed to the side for disposal at a later date. USTs 1 through 5 were exhumed between October 2, 2007 and October 4, 2007. No corrosion holes were observed on the sides of the tanks. However, field screening of the perimeter of the tank grave with the PID revealed elevated levels of VOCs in the soil at the western edge and bottom of the excavation. The soil surrounding the former tanks appeared to be composed of "urban fill" materials and not naturally stratified sediments. Urban fill is defined as soil that contains domestic debris, concrete foundations, wood, bricks, and furnishings from previous land use. The soil at the bottom of the hole contained cinders and/or an ash type material but did not display elevated readings on the PID.

The perimeter and bottom of the excavation were expanded to remove sediments displaying elevated detections of VOCs on the PID. Soil exhibiting high PID readings averaging 30-50 ppm, but in some cases higher, were removed from the excavation and placed on poly-sheeting with the overburden soil for testing and off-site disposal. The south wall of the excavation was terminated approximately one foot from storage building C to avoid potentially undermining the structure. The excavation extended north past the former concrete encasements of the three 550-gallon tanks, identified as 1, 2 & 3, approximately two feet. The extent of the wall of the east side of the western UST excavation was ended upon reaching the next set of tanks identified as 6 and 7. The west wall was extended to within 2-feet of the adjoining property and building line. The bottom of the UST excavation was advanced vertically downward from the base of the tanks

to a depth of 11 feet on the northern side and down to 15.5 feet on the southern side. The dimensions of this excavation were 26 feet by 17 feet with a depth ranging from 11-feet on the north side down to 15.5 feet on the south side. The limits of the excavation and all soil sampling locations are illustrated on Figure 3.

3.4.3.1 Waste Characterization Sampling

The temporary stockpile of soil generated from the western excavation and the open excavation itself caused logistical constraints on this portion of the improved property that prohibited the removal of additional USTs. CA RICH personnel collected a five-point composite sample from the soil stockpile on October 1, 2007 to obtain acceptance from a qualified disposal facility. The sample identified as WC-1 was placed in an ice-filled cooler and transported by CA RICH personnel to American Analytical Laboratories in Farmingdale, NY for chemical analysis. The sample was tested for an extended list of parameters including: PCB's, Total Metals, SVOCs, VOCs, paint filter, TCLP VOCs, TCLP SVOCs, TCLP Metals, diesel and gasoline range organics, ignitability, corrosivity, reactivity, total sulfur, total organic halides, TCLP pesticides, and TCLP herbicides.

Results indicated that the soil and earth fill surrounding the USTs contained VOCs, SVOCs, select heavy metals, and low levels of mineral spirits. In addition, Aroclor 1254 a higher-chlorinated PCB isomer, was detected at 5.9 ppm in the waste composite sample WC-1. Although 5.9 ppm of Aroclor 1254 does not constitute a hazardous waste and its presence is not attributable to historical varnish operations, both NYSDEC and Empire agreed that all endpoint samples from the UST grave would be tested for PCBs as a precautionary measure. Based upon the test results, the Clean Earth of Philadelphia (CEP) facility was selected for the disposal of the non-hazardous soil/fill materials. CEP is a permitted thermal-treatment facility that utilizes high temperatures to destroy contaminants. Due to the anticipated volume of soil to be transported and disposed of at this facility, an additional four (4) grab samples for VOCs and TCLP VOCs were collected from the stockpile on October 5, 2007 to meet CEP's acceptance criteria. A copy of the waste classification test results and waste characterization profile are included in Appendix F.

A total of 121.71 tons of soil from the western excavation was transported off-site to the CEP facility on October 15, 2007 under non-hazardous waste manifest control. The soil was transported in five trucks loaded by a track-mounted excavator operated by American. Copies of all soil disposal manifests from the UST excavation are attached as Appendix G.

3.4.3.2 Endpoint Soil Sampling Procedures and Results for Western UST Excavation

In accordance with NYSDEC's draft DER 10 Technical Guidance for Site Investigation and Remediation (Ref.6), one endpoint soil sample was collected from every 15-foot interval along the western and northern walls and bottom of the tank grave for a total of four (4) sidewall and two bottom samples. No samples were collected from the east wall because the soil was scheduled for removal along with the remaining USTs. No samples were collected from the southern wall because it was comprised of the concrete wall from the former tank encasement surrounding USTs 1 and 2. This portion of the tank encasement was allowed to remain at the southern edge of the excavation because its removal could have compromised the structural integrity of Storage Room C. Bottom samples were collected from the southern side at 11-feet below grade and the northern side at thirteen feet below grade.

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The soil endpoint samples were collected on October 4, 2007 from either the completed depth of the excavation or the interval with the highest PID along the sidewall. Samples were collected directly from the bucket of the backhoe using dedicated sterile wooden tongue depressors. The soil was placed directly into laboratory-issued sample containers, placed in a cooler on-ice and shipped under strict chain-of custody control to Mitkem Laboratories (Mitkem), a NYSDOH-approved Laboratory for the specified chemical analyses.

Laboratory testing was conducted in accordance with the methods specified in the NYSDEC Analytical Services Protocol (ASP) 95-1 with ASP Category B deliverables to include: VOCs by SW846 EPA 8260, SVOCs by SW846 EPA 8270, polychlorinated biphenyls (PCBs) by SW846 EPA 3550B, and the 8 RCRA Heavy Metals by SW846 EPA 6010B. In accordance with the Quality Assurance Plan CA RICH prepared for this Site, the following samples were collected for Quality Control and assurance purposes trip blanks, field blanks, field duplicates, matrix spikes (MS) and matrix spike duplicates (MSD) were collected as required. CA RICH required the analytical testing expedited, with the excavation remaining open until test results could be compared to the restricted-commercial use soil cleanup objectives in NYSDEC 6 NYCRR Part 375, Environmental Remediation Programs Subparts 375-1 to 375-4 & 375-6, dated, December 14, 2006. All sample locations are depicted on Figure 3.

Upon receipt of the expedited analytical result package, the values of the detected chemical compounds and constituents were compared to the restricted-commercial use soil cleanup objective to determine if the excavation could be backfilled. The results revealed that all VOCs and PCBs detected were far below the applicable cleanup criteria. However, the sample identified as Bottom #2 collected from the northern bottom portion of the excavation at 11 feet below grade reported the presence of lead at 1,880 ppm - while the standard is 1,000 ppm. A field duplicate identified as Bottom X was taken from the soil at the same location as sample Bottom #2. Sample Bottom X confirmed the concentration for lead and revealed that arsenic and barium were present in the urban fill at 16.7 and 564 ppm, marginally above their respective guidance values of 16 and 400 ppm.

Two SVOCs were also detected above the Part 375 use soil cleanup objective in sample Bottom # 2. The compounds identified as benzo(a)pyrene and dibenzo(a,h)pyrene were reported at 3.2 ppm and 0.61 ppm, respectively. The restricted commercial use soil cleanup objective for benzo(a)pyrene is 1.0 ppm and dibenzo(a,h)pyrene is 0.56 ppm. Benzo(a)pyrene was detected at 2.0 ppm in sample Bottom X while dibenzo(a,h)pyrene was 0.37 ppm. Benzo(a)pyrene was also detected at 2.3 ppm in soil sample North Wall W collected 6.5 feet below surface grade. All other SVOCs and metals were below applicable guidelines at all locations in the western excavation.

A summary of these and all other related test results along with a comparison to NYSDEC's restricted-commercial use soil cleanup objectives is provided on page 1 of Tables 4 through 7. All soil sample locations are depicted on Figure 3. A copy of the original laboratory test results is included in Appendix H. A complete copy of Mitkem's data packages F1454 and F1455 are included with this Report.

The elevated detections of two (2) SVOCs and three (3) heavy metals lead, barium and arsenic appear to be directly related to the ash and debris found in the excavation rather than historical production of varnish at the Site. After discussing this matter with Mr. Vivek Nattanmai of NYSDEC, it was agreed that prior to backfilling the excavation, additional fill material containing cinders would be removed from the northern bottom of the excavation in the vicinity of sample Bottom #2.

After the soil stockpile was removed on October 15, 2007, the track-mounted excavator removed an additional 4.5 feet of urban fill containing cinders from the northern bottom of the western excavation. The freshly-exposed soil at the final depth of 15.5 feet below grade no longer contained the black earth fill materials, and instead appeared as a light-brown fine native stratified sand with a PID reading of 600 ppm. The dramatic increase in PID reading with depth in the natural sandy soil seems to be directly associated with vapors emanating from, or attributable to, the known occurrence of floating product from the "Greenpoint Oil Spill" located at approximately 22 feet below grade at this location. An additional soil sample, identified as Bottom #2 15.5-feet, was collected from the northern bottom of the excavation. The sample was analyzed for VOCs, SVOCs and the heavy metals arsenic, barium and lead.

The results for sample Bottom #2 at 15.5-feet document that the elevated levels of SVOCs and select metals previously detected at 11 feet below grade were removed and are well within regulatory guidelines. Petroleum-related VOCs were detected below the applicable cleanup values. A summary of the results along with a comparison to NYSDEC's restricted-commercial use soil cleanup objectives is provided on page 1 of Tables 4 through 7. All soil sampling locations are depicted on Figure 3. A copy of the original laboratory results are included in Appendix H. The entire data package for samples Bottom#2 is combined with others from the project in Mitkem's data package F1507. A copy of the data package is included with this Report.

Upon receipt of the relatively clean results for the sample Bottom #2 at 15.5 feet, arrangements were made to backfill the western excavation to grade. Recycled concrete aggregate (RCA) was purchased from Pebble Lane of Maspeth, NY. As requested by NYSDEC, a sample of the backfill was collected on October 23, 2007 and chemically analyzed for VOCs, SVOCs, PCBs, and the eight RCRA heavy metals. The backfill test indicated that all of the analytes detected were below NYSDEC's restricted commercial use soil cleanup objectives. Based on these results NYSDEC verbally approved the use of backfill from the Pebble Lane facility for the remainder of the excavation. A copy of the lab results documenting the integrity of the backfill sample are attached in Appendix I.

Prior to completely backfilling the excavation back up to grade, additional soil was scrapped from the upper 4 feet of the western edge of the excavation. The soil was removed at this time because partially solidified varnish or vegetable oils were observed in the upper soils directly adjacent to the neighboring off-site building and could not be removed earlier without potentially undermining the wall/footing of the building. Once the excavation was substantially backfilled and stabilized, and the soil could safely be removed, two additional soil samples identified as West Wall S and West Wall N were collected from separate locations between 3-5 feet deep along the western excavation wall on October 16, 2007. The samples were submitted to Mitkem and tested for VOCs, SVOCs, PCBs and the 8 RCRA Metals. The results revealed that all compounds were below NYSDEC Part 375 restricted commercial use soil cleanup objective except for arsenic. Arsenic was detected at 24.4 ppm and 24.3 ppm - above the applicable guidance value of 16 ppm. The two previous samples collected from 6.8 feet below grade on the western side on October 4, 2007 contained 4.3 ppm and 8.5 ppm of arsenic.

At the request of Vivek Nattanmai, an additional soil sample was also collected from the west side of the north excavation sidewall. The sample, identified as North Wall W was collected at 3.5 feet below grade to determine if the elevated level of benzo(a)pyrene reported in the previous endpoint sample from 6.8 feet was an isolated situation. The second sample confirmed that benzo(a)pyrene is present between 2.3 ppm and 3.0 ppm in the earth fill materials along the northern sidewall. Benzo(a)pyrene is a common component of fill materials utilized in older industrial areas. Further excavation was not necessary due to the understanding that the

historical benzo(a)pyrene is not associated with the USTs or former varnish production operations. Benzo(a)pyrene and "urban fill" are discussed in greater detail in Section 3.4.4.1 of this Report and in Appendix J.

A Site Plan containing sample locations and a summary of constituents detected above NYSDEC's restricted commercial cleanup objectives is included on Figures 4 and 5. A summary of the results along with a comparison to NYSDEC restricted-commercial use soil cleanup objectives is provided on page 1 of Tables 4 through 7. A copy of the original laboratory results are included in Appendix H. The entire data package for these samples is combined with others from the project and is included in Mitkem's data package F1507. A copy of the data package is included with this Report.

An additional 27.49 tons of earth fill sediments from the western excavation was transported off-site to Clean Earth of Philadelphia on October 17, 2007 under non-hazardous waste manifest control. A copy of the soil disposal manifest is included in Appendix G.

3.4.4 Eastern UST Excavation

The eastern UST excavation began along the former eastern wall of the western excavation from the first five USTs and extended east to the building wall of former Tank Room D. The eastern excavation included: three (3) 1,500-gallon tanks identified as 6, 7 and 8, six (6) 550-gallon tanks identified as 12, 13 and 14-17, and three (3) 1080-gallon tanks identified as 9-11 (see Figure 2). The soil located above the tanks exhibited elevated PID readings ranging from 10-50 ppm and was placed aside to facilitate proper disposal at a later date.

On October 16, 2007, the following tanks were exhumed: one (1) 1,500-gallon tanks identified as tank 6, two (2) 550-gallons tanks identified as 12 and 13, and one (1) 1080-gallon tank identified as tank 11. Detailed descriptions of each tank are provided below:

Tank 6: This tank did not have any concrete encasement. The tank appeared to be in good condition and had no visible signs of leaks or holes. The piping associated with this tank appeared rusty but no holes were observed. The soil beneath Tank 6 registered between 25-60 ppm on the PID and was black in color. The soil located directly below Tank 6 was placed on poly-sheeting for off-site disposal.

Tanks 12 and 13: The clearing of soil and concrete above tanks 12 and 13 exposed two drums. These drums were removed from the excavation and were noted to be filled with concrete. The two concrete-filled drums were disposed of with the concrete tank encasements. Tanks 12 and 13 were exhumed and their concrete encasements were broken up and removed from the Site. At the time of removal, these tanks were visually found in good condition, and their concrete encasements were not stained from the tanks. However, on October 17, 2007 after the tanks were cut and cleaned, a hole was observed in one of the 550-gallon tanks. The hole went unnoticed until the tank was lifted into a roll-off container making it difficult to decipher which tank exhibited the hole, 12 or 13. Soil displaying elevated PID readings below both tanks was therefore removed for off-site disposal. The piping associated with both tanks exhibited evidence of corrosion including both rust and minor pinholes.

Tank 11: Th is 1080-gallon tank was not encased in concrete. Upon inspection, the tank appeared in good condition, not exhibiting any holes and/or leaks. The piping associated with this tank was corroded having rust and minor pinholes.

On October 18, 2007, four tanks were removed including, one 1,500-gallon tank identified as tank 8, two 1,080- gallon tanks identified as 9 and 10, and one 550-gallon tank identified as tank 14. Detailed descriptions of each tank are provided below:

Tank 8: The 1,500-gallon tank identified as Tank 8 was previously denoted as not being encased in concrete. However, as the tank was being pulled up from its grave only the bottom of the grave was concrete. The concrete bottom exhibited minor black staining. This concrete base mat was broken up for removal and the underlying soil beneath the former mat indicated PID readings greater then 200 ppm. The affected soil was removed from the excavation and placed on the stockpile for off-site disposal. The tank itself was in good condition with no observable holes and/or leaks. The piping associated with UST #8 appeared rusty with minor pin holes.

Tanks 9 and 10: Tanks 9 and 10 were 1,080-gallon tanks that were not encased in concrete. The lines associated with these tanks exhibited rust and minor holes. Upon removal and inspection, both tanks appeared to be in good condition with no signs of any leaks or holes. The soil beneath UST 10 exhibited PID readings of 30 ppm and was scheduled to be directly loaded into dump trucks for disposal at a later date. The soil below tank 9 displayed relatively low PID readings between only 2-5 ppm.

Tank 14: Tank 14 was a 550-gallon tank that was completely encased in concrete. After breaking the top and northern most wall of the encasement the tank was exhumed from its grave. The concrete surrounding the tank did not portray any staining or cracks. The tank appeared to be in good condition, having no holes or leaks. The piping associated with the tank was corroded and exhibiting minor pinholes. After the tank was unearthed, the concrete below the tank was removed, the soil beneath the encasement exhibited a PID reading between 5-10 ppm.

On October 19, 2007 the last three USTs identified as 15, 16 and 17 were removed from the ground. USTs 15, 16 and 17 were all 550-gallons in capacity and encased in concrete. After breaking the concrete encasement the tanks were exhumed and inspected. The tanks appeared in good condition with no evidence of holes or leaks. The concrete bottom did not exhibit staining. The lines associated with the tanks showed signs of corrosion and minor pinholes. During exhumation in this location, an additional, small, empty, approximately 70-gallon riveted tank with no piping connections was revealed and removed.

Once all USTs were exhumed, the remaining semi-solid sludges within each of the twelve tanks were scrapped and chipped out of the tanks and placed in 55-gallon drums for disposal at a later date. These tanks were then cut up and removed from the Site for disposal at a local scrap yard. The concrete encasements were also removed and disposed of off-site as construction & demolition debris. Removal of the concrete and steel provided additional room for the excavator to conduct excavation activities.

Upon inspection, the sidewalls of the tank grave contained black earth fill materials with elevated readings on the PID. The excavator was utilized to expand the excavation by removing additional soil from the sides. The lateral limits of the excavation reached the building line of former Tank Room D to the east, the property line to the north near the Bridgewater Street sidewalk and the steel building awning to the south. The western excavation boundary was at the clean backfill associated with the western excavation as discussed in Section 3.4.3.2 and the building line for storage rooms B & C. ExxonMobil groundwater well MW-94 was also located within a foot of the western excavation edge and preserved. The total excavation size was 45 feet by 22 feet.

Due to logistical constraints of the Site, the soil stockpile required removal before the bottom of the excavation could be deepened to remove impacted bottom soil exhibiting elevated PID readings averaging 50 ppm on the PID. The base of the excavation was determined at the noticeable transition from the surficial medium-grained, loosely-packed, unsorted fill materials to the deeper medium-grained, stained but undisturbed native, gray-to-black stratified sandy soils.

On October 23, 2007 a total of 259.26 tons of soil from the eastern excavation was transported under manifested control off-site to the Clean Earth of Philadelphia facility as non-hazardous waste. This waste material consisted of the stockpile as well as soil from the bottom of the excavation. The soil was transported in eight trucks loaded by American's track-mounted excavator. On October 24, 2007, two additional trucks transported 61.95 additional tons to the Clean Earth of Philadelphia facility. Copies of all soil disposal manifests from the UST excavation are attached as Appendix G.

3.4.4.1. Endpoint Soil Sampling Procedures and Results for Eastern UST Excavation

In accordance with NYSDEC's DER 10 (Ref.5), one endpoint soil sample was collected from every 15-foot interval along the southern, eastern and northern walls and bottom of the tank grave for a total of nine (9) sidewall, a field duplicate and five (5) bottom samples. No samples were collected from the west wall because it consisted of backfill recently added to the western excavation. Bottom samples were collected from 13 feet deep in the southern end of the excavation, 11-feet in the western bottom and 9 feet in the northern bottom. The southern excavation sidewall displayed dark soil with debris in the upper 6 feet and lighter soils from 6 to 13 feet. It was decided that two additional samples would be collected from the southern sidewall to properly evaluate the soil quality of the two visually different soil horizons.

The soil endpoint samples were collected on October 23 and 24, 2007 directly from the bucket of the backhoe using dedicated sterile wooden tongue depressors. Samples were obtained from either the completed depth or the area displaying the highest PID reading. All soil samples were placed directly into laboratory-issued sample containers, placed in a cooler on-ice and shipped under strict chain-of-custody control to Mitkem Corporation Laboratory, a NYSDOH-approved Laboratory for specified chemical analysis. Analytical testing consisted of VOCs, SVOCs, PCBs, and the 8 RCRA Heavy Metals, as well as, quality assurance samples.

A Site Plan containing sample locations and a summary of compounds or constituents above NYSDEC's restricted commercial use soil cleanup objective are included as Figures 4 and 5. A summary of the results along with comparisons to NYSDEC restricted commercial use soil cleanup objective is provided on page 1 of Tables 4 through 7. A copy of the original laboratory results are included in Appendix H. The entire data package for these samples is combined with others from the project and is included in Mitkem's data package F1507. A CD copy of the data package is included with this Report.

The test results for sample B-3 at 11 feet below grade were expedited before the excavation was backfilled with additional RCA provided by Pebble Lane of Maspeth, NY. The results for B-3 (11feet) indicated that all VOCs, SVOCs and PCBs were below applicable NYSDEC standards. However, the heavy metal arsenic was reported at 29.3 ppm above the restricted commercial use soil cleanup objective of 16 ppm. Prior to backfill, the excavator was utilized to remove an additional two feet of soil from location B-3 on October 29, 2007. The removed soil was placed in four (4) 55-gallon drums for off-site disposal at a later date. A bottom sample identified as B-3 13

feet was collected and analyzed for arsenic. The test results reported arsenic at 1.5 ppm far below the applicable cleanup level. A copy of the original laboratory result are included in Appendix H. The entire data package for sample B-3 11-feet is included in Mitkem's data package F1580. A CD copy of the data package is also included in this Report.

The remainder of the eastern endpoint samples were analyzed with standard 2-week turnaround by Mitkem Laboratories of Rhode Island. Test results revealed that the subsurface sediments have not been impacted by historic varnish operations at the Site. A summary of the results along with a comparison to NYSDEC restricted commercial use soil cleanup objective is provided on page 1 of Tables 4 through 7. A copy of the original laboratory result are included in Appendix H. Maps depicting compounds above the restricted commercial use soil cleanup objective are attached as Figures 4 and 5. The entire data package for these samples is combined with others from the project and is included in Mitkem's data package F1507. A CD copy of the data package is included with this Report and a written summary of the test results is provided below:

PCBs
Endpoint samples from this excavation did not contain PCBs.

VOCs
All VOC detections associated with this excavation were reported well below the comparative NYSDEC restricted commercial use soil cleanup objective.

RCRA Metals
All samples contained all eight naturally-occurring RCRA metals which included arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. However, detections were all well below the Part 375 NYSDEC restricted commercial use soil cleanup objectives, except for arsenic and mercury. Sample WS Wall collected from the western portion of the upper 5 feet of the southern wall contained 19.6 ppm of arsenic above the 16 ppm arsenic standard. Sample SE Wall collected from the eastern portion of the upper 5 feet of the southern wall contained mercury at 17.4 ppm and sample East Wall 1 contained mercury at 49.7 ppm. A field duplicate sample identified as XWALLX was collected from the same location as sample East Wall 1 reported mercury at 60.5 ppm. The restricted commercial use soil cleanup objective for mercury is 5.7 ppm.

The elevated levels of mercury could not be further excavated due to the physical limitations imposed by nearby building structures. The samples identified as East Wall 1 and the related duplicate, XWALLX, are at the furthest excavation point along the east wall of the excavation partially undermining former Tank Room D. The second sample containing elevated levels of mercury (SE Wall 3-5ft) was one of four samples collected from the southern sidewall. As per NYSDEC's DER 10, only two samples were required from the southern sidewall. However, due to varying discoloration of the sediment a second set of samples were collected from the deeper sidewall sediments. The results revealed only one of the four southern sidewall samples contained elevated levels of mercury. Furthermore, the sample collected in the same location at 8 feet had a detection of mercury of 0.18 ppm, far below the cleanup standard of 5.7 ppm. Although the presence of mercury appears isolated it could not be safely removed without jeopardizing the structure of the Tank Room D and the steel awning of the main mixing building.

The western sidewall sample identified as WS WALL contained arsenic at 19.6 ppm. Although the detection is only 3.6 ppm above the applicable cleanup objective, it could not be safely removed without jeopardizing the stability of storage rooms B & C or the nearby monitoring well MW-94. Furthermore, the presence of arsenic and mercury appear to be attributable to components of the earth fill material beneath the Site rather then historic varnish operations.

SVOCs

Two SVOCs exceeded the restricted commercial use soil cleanup objectives within this excavation, including benzo(a)pyrene and dibenzo(a,h)pyrene. Sample E ast Wall 1 and its associated duplicate sample (XWALLX) contained levels of both contained benzo(a)pyrene at 1.2 ppm, above the restricted commercial use soil cleanup objective of 1.0 ppm. Sample East Wall 1 and XWALLX also contained dibenzo(a,h)pyrene at 1.3 ppm and 0.65 ppm, respectively. The commercial cleanup objective for dibenzo(a,h)pyrene is 0.56 ppm. Sample East Wall 2 contained benzo(a)pyrene at 1.3 ppm. The presence of the former Tank Room D prohibited the eastward expansion of the excavation.

The test results for sample SE Wall (3-5ft) collected from the upper eastern portion of the southern wall reported benzo(a)pyrene and dibenzo(a,h)anthracene at 2.4 ppm and 0.72 ppm, respectively. Similarly, sample SW Wall (3-5ft) collected from the upper western portion of the southern sidewall contained benzo(a)pyrene at 1.5 ppm. Two additional deeper samples, identified as SE Wall (8ft) and SW Wall (8ft) collected from approximately 8 feet below grade at the relatively same location along the southern excavation wall detected levels of benzo(a)pyrene far below the applicable cleanup level. Additional soil along the southern wall could not be removed due to the location of the main mixing building.

Sample WS WALL collected 5 feet below grade on the western wall in front of storage rooms B and C also had elevated levels of benzo(a)pyrene. At this location, benzo(a)pyrene was detected at 1.8 ppm. The excavation could not be advanced further west without jeopardizing the structural integrity of storage rooms B and C.

3.5 Removal of Blending Tanks

Once Empire's varnish production activities ceased on November 15, 2007, three blending tanks identified as B, C, and KP located inside the facilities main building were removed from their stands, cleaned and removed as scrap metal. The dried varnish removed from the 800, 375 and 480 gallon blending tanks were placed into labeled 55-gallon drums for off-site disposal at a later date. The material was disposed along with numerous other drums generated by Empire in late December by Cycle Chem. The December drum disposal is discussed in detail in Section 4.0 of this Report. The locations of the blending tanks are depicted on Figure 2 and the Site map included in Appendix E.

3.6 Fume Scrubber Removal and Sampling

On November 15, 2007, a vacuum truck operated by American was mobilized to the Site to remove 127-gallons of liquids from an approximately 275-gallon capacity partially underground stainless steel fume scrubber box. The fluid was transported under non-hazardous waste manifest control to Clean Water of Staten Island. A copy of the non-hazardous waste manifest documenting the proper off-site disposal of this material is included in Appendix D. After the liquid was removed, a forklift was utilized to pull the 3.5-foot long by 2.5-foot wide by 4-foot deep box out of the ground.

Endpoint samples were collected from the three sides and bottom of the fume scrubber box excavation with a properly decontaminated hand auger. The samples, identified as Fume A, Fume B, Fume C, and Fume Bottom were placed directly into sample containers, placed in a cooler on-ice and shipped via overnight courier to Mitkem for analysis. The samples were tested for VOCs, SVOCS, PCBs, and the eight RCRA Metals. In accordance with the quality assurance plan prepared for this Site, the following samples were collected for Quality control and assurance purposes as required: 1 trip blank, 1 field blank, 1 field duplicate, matrix spike (MS) and matrix spike duplicate (MSD). The north side of the excavation consisted of the concrete foundation wall of the former maintenance shop and therefore, no endpoint could be collected. The location of the Fume Scrubber and the sample locations are depicted on Figure 3.

The test results indicate that no VOCs or PCBs were detected in any of the endpoint samples collected from the fume scrubber excavation. However, the sample from the bottom and the field duplicate XBotX reported levels of SVOCs above NYSDEC restricted commercial use soil cleanup objectives. The heavy metals lead and barium were also present above the restricted commercial cleanup objectives in the Fume Bottom and its field duplicate XBotttomX samples. Although the metals found in these samples were fairly similar, the concentration of lead varied from 1,600 ppm to 8,250 ppm. The restricted commercial use soil cleanup objective for lead is 1,000 ppm.

The sidewall sample identified as Fume A, had a concentration of lead at 1,450 ppm which is above NYSDEC's restricted commercial use soil cleanup objective of 1,000 ppm and below the NYSDEC Industrial cleanup values of 3,900. The sample identified as Fume C contained barium at 699 ppm exceeding the restricted commercial cleanup values of 400 ppm -- but significantly below the restricted industrial use soil cleanup value of 10,000 ppm. These results were discussed with NYSDEC and it was agreed that additional soil should be removed from the bottom of the fume scrubber excavation and the bottom then re-sampled for lead, barium and SVOCs. It was also agreed that these results did not warrant any need to extend the excavation laterally.

A summary of the fume scrubber results along with a comparison to NYSDECs restricted commercial use soil cleanup objective is provided on Tables 4 through 7. A copy of the original laboratory results are included in Appendix H. Maps depicting compounds above the restricted commercial cleanup objectives are attached as Figures 4 and 5. The entire data package for these samples is included in Mitkem's data package F1703 and F1708. A copy of the data package is included with this Report.

On December 12, 2007, laborers provided by American utilized hand tools to removed additional soil from the bottom of the fume scrubber excavation. The soil was placed into two (2) 55-gallon drums for testing and disposal at a later date. On December 13, 2007, CA RICH personnel utilized a properly decontaminated soil auger to obtain a total of six soil samples from the bottom of the excavation. Soil samples BOT A 4.5 feet, BOT B 4.5 feet and BOT C 4.5 feet were all obtained from three evenly-spaced locations along the bottom of the excavation. An additional set of samples identified as BOT A 5.5 feet, BOT B 5.5 feet and BOT C 5.5 feet were also obtained as a precaution in the event lead was elevated in the samples from 4.5 feet.

The samples were submitted to Mitkem for total lead and barium analyses. In addition, samples BOT A 4.5 feet and BOT C 4.5 feet were analyzed for poly-nuclear aromatic hydrocarbons (PAHs) to determine if SVOC contamination remained elevated at the fume scrubber. Results indicate that lead and barium were far below the restricted commercial cleanup values in three out of six samples. Only sample BOT B 4.5 feet displayed results that were above restricted commercial cleanup values. At this location, barium occurred at 951 ppm and lead at 1,710 ppm. All SVOCs were far below applicable restricted commercial cleanup values.

The results for the second set of samples collected from the fume scrubber tank bottom on December 13, 2007 along with a comparison to NYSDEC restricted commercial use soil cleanup objectives are summarized on Table 8 and a copy of the original lab results are included in Appendix H. A map depicting compounds above the restricted commercial use soil cleanup objective is attached as Figure 6. The entire data package for these samples is included in Mitkem's data package F1845 and F1846 and a CD copy of the data package is included with this Report.

Two soil samples identified as drum1 and drum2 were obtained from the sediment removed from the former fume scrubber. The samples were analyzed for both total and TCLP lead by Mitkem. The soil from drum 1 indicated high levels of lead while drum 2 contained much lower levels of lead. Based upon the results, the material in both drums was scheduled for disposal as a hazardous waste. The drums were picked-up on December 19, 2007 and transported by Freehold Cartage to EQ Detroit in Detroit, Michigan. A copy of the hazardous waste manifest and the test results for lead and total lead are attached in Appendix K.

3.7 UST PIPE REMOVAL

A section of underground piping that historically connected the USTs to dispensing pumps located under exterior steel awnings outside the mixing and storage department were removed from the ground on November 18, 2007. The pipes were traced from the southern wall of the former eastern UST excavation by physically breaking and removing the concrete covering the pipes. CA RICH field personnel equipped with a PID inspected the soil at the bottom of the small excavated trench created when the pipes were removed for signs of contamination. The soil appeared as brown to black sediment consistent with the fill material observed near the former UST field. PID readings ranging from 100-200 ppm were recorded along the pipe trench. Soil sample PIPES was collected from 5-inches below grade at the area with the highest PID reading.

The sample was submitted to Mitkem and analyzed for VOCs, SVOCs, PCB's, and the eight RCRA Metals. Barium and lead were detected at 608 ppm and 1,820 ppm, respectively. While these concentrations are above the restricted commercial use soil cleanup objectives of 400 ppm and 1,000 ppm, they are below the restricted industrial cleanup values of 10,000 ppm and 3,900 ppm. Two SVOCs: benzo(a)pyrene (2.3 ppm) and dibenzo(a,h)anthracene (0.67 ppm) were also detected above the restricted commercial use soil cleanup objectives at this location. The presence of benzo)a)pyrene, dibenzo(a,h)anthracene, lead and barium are not attributable to the former varnish manufacturing operations and are associated with the background urban fill material beneath the Site. All VOCs and PCBs found in sample PIPES were far below the restricted commercial cleanup values.

A summary of the results along with a comparison to NYSDEC restricted commercial use soil cleanup objectives is provided on Tables 4 through 7. A copy of the original laboratory results are included in Appendix H. Maps depicting compounds above the restricted commercial use soil objectives are attached as Figures 4 and 5. The entire data package for the pipe sample is included in Mitkem's data package F1703 and F1708 and a CD copy of the data package is included with this Report.

4.0 WASTE CONSOLIDATION AND DISPOSAL

During the performance of the AST and UST removals by CA RICH and American, Empire personnel meticulously identified, consolidated and temporarily staged the small container inventory remaining on the property into 55-gallon drums for off-site disposal. This material included numerous 8-oz. cans of various products manufactured over the years from storage room "G", and one-to-five gallon containers in a storage room near the eastern Site boundary, as well as a variety of materials from within the on-site laboratory. These drums were stored on-site along with the waste that was generated while cleaning the tanks and the solidified varnish wastes from cleaning various floors. The drums were shipped off-site for disposal in four separate shipments as detailed in the table below.

Quantity	Date	Transporter	Destination	Waste Class
90-drums	10-29-07	Clean Venture	Cycle Chem	Hazardous
36-drums	12-18-07	Clean Venture	Cycle Chem	Non-Hazardous
52-drums	12-18-07	Clean Venture	Cycle Chem	Hazardous
54-drums	12-20-07	Clean Venture	Cycle Chem	Hazardous
4-drums of Soil	12-19-07	Freehold Cartage	Vexor Technology	Non-Hazardous

Copies of all waste manifests for the shipments detailed above are located in Appendix L. An additional 800-900 drums of waste were removed in 2005 and are documented in a CA RICH's Summary of Environmental Conditions Report dated November 2, 2006 (Ref. 7). A complete electronic copy of the Summary of Environmental Conditions Report is included in Attachment A.

5.0 NYSDEC SITE INSPECTION

On January 16, 2008, Vivek Nattanmai and Edward Hampston of NYSDEC, Richard Stark of Empire, Stephen Malinowski and Stephen Osmundsen, P.E. of CA RICH, Christopher Proce of Roux and Steve Trifiletti of ExxonMobil met on-Site to conduct a final inspection of the Site. At the time of the inspection, the Site was abandoned and contained numerous empty buildings in the lower yard. The upper yard was vacant and free of structures. The inspection covered the entire property and all previous sampling, storage and manufacturing locations. There were no containers pertaining to the former varnish operations observed during the walk-through and Mr. Nattanmai indicated that NYSDEC was satisfied with the current status of the Site.

CA RICH advised NYSDEC that the current Site Owner, ExxonMobil, is waiting for NYSDEC to grant formal "Site Closure" to Empire, so they can proceed with their plans to expand the groundwater treatment system associated with their ongoing efforts to remediate the Greenpoint Oil Spill. It was agreed that once Empire fulfilled its obligations to NYSDEC, Roux on behalf of ExxonMobil, would continue to update NYSDEC of demolition and soil management activities as part of their quarterly progress reports associated with the Greenpoint Remediation Project. Any future redevelopment plans will be submitted to NYSDEC prior to implementation.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The Empire State Varnish Site has been properly decommissioned in accordance with CA RICH's State-approved Closure Plan which was conducted under the full time oversight of NYSDEC and NYSDEC's standby consultants: Ecology & Environment.

The work included a thorough evaluation of the subsurface soil quality and the removal of all storage and process tanks, as well as the consolidation and proper off-site disposal of all containers of paint or varnish products previously stored on Site. The test results for soil samples collected during the removal of the USTs and their appurtenant piping indicate that no elevated levels of varnish-related contaminants (VOCs) remain at the Site. The detections of select SVOCs and metals above NYSDEC's restricted commercial use soil cleanup objectives at the Site appear to reflect components of the "urban fill", commonly found in this area of Greenpoint. The geographic locations of the elevated subsurface detections on-site are all currently partially covered with a concrete slab. The concrete slab effectively prevents the potential for any direct human exposure.

The presence of benzo(a)pyrene in the endpoint samples collected from fill material at the perimeter of the excavation is not attributable to the former paint and varnish production activities. Moreover, it is has been known to be a component of the earth fill materials placed on this low-lying land during the late 1800's. The construction-fill utilized at that early time for New York City industrial and commercial development, and particularly within this historically heavily industrialized Newtown Creek area of Greenpoint, Brooklyn, have been known to contain residual chemical compounds and constituents, such as, benzo(a)pyrene that gradually accumulated from decades of historical industrial land use in which accidental and/or incidental chemical discharges to land and sewer line were relatively routine and recurring.

Soil sampling activities conducted by others in neighboring properties confirm the presence of benzo(a)pyrene in the fill in this area of Greenpoint. The details of the sampling results obtained from nearby properties, as well as, historical maps that illustrate the Newtown Creek shoreline was submitted to NYSDEC in a CA RICH correspondence dated January 2, 2008. A copy of the letter is attached as Appendix J. It is understood that Empire is not responsible for the cleanup of this contaminant commonly found in construction fill-in the surrounding area.

A listing of the waste disposal activities and major highlights comprising Site Closure, as discussed herein, is provided on the following page:

- Off-site disposal of 50 cubic yards of non-hazardous solids at Cycle Chem.;
- Off-site disposal of 344 drums of hazardous waste to Cycle Chem;
- Off-site disposal of 2 drums of hazardous waste to EQ Detroit;
- Off-site disposal of 4 drums of non-hazardous waste to Vexor Technology;
- Off-site disposal of 36 drums of non-hazardous waste to Cycle Chem;
- Off-site disposal of 3 transite asbestos panels to Minerva Enterprises;
- Disposal of 2,014 gallons of non-hazardous bulk liquid waste to Clean Water;
- Disposal of 470.41 tons of non-hazardous bulk soil to Clean Earth of Philadelphia, and
- Removal of 29 aboveground storage tanks; and
- Removal of 17 underground storage tanks.

On behalf of the interests of the concerned parties, CA RICH trusts it may look forward to NYSDEC's approval of this Site Closure (as described in this Closure Report) and the near future issuance of an approval letter indicating "No Further Action" is required relative to the Empire's Consent Order or the historical varnish manufacturing operations. It is understood that the new property owner, ExxonMobil, plans to utilize this strategically-located Site to enhance its ongoing recovery of free-product associated with the Greenpoint Oil Spill.

7.0 REFERENCES

1. Roux Associates, Inc., March 5, 2007, Summary of Investigation Activities.
2. CA Rich Consultants, Inc., April 11, 2007, Planned Site Closure Activities.
3. CA Rich Consultants, Inc., May 3, 2007, Scope of Work for Subsurface Borings.
4. NYSDEC, December 2006, 6NYCRR Part 375 Environmental Remediation Programs Subparts 375-1 to 375-4 & 375-6.
5. CA Rich Consultants, Inc., June 11, 2007, Subsurface Investigation Report.
6. NYSDEC, December 2002, Draft DER-10 Technical Guidance for Site Investigation and Remediation.
7. CA Rich Consultants, Inc., November 2, 2006, Summary of Environmental Conditions.
8. CA Rich Consultants, Inc., January 2, 2007, Construction Fill in Greenpoint.

Complete copies of the above referenced documents prepared by CA RICH and Roux are included in Attachment A of this Report.

8.0 CERTIFICATION

We Certify that to the best of our knowledge, after appropriate inquiries of all relevant persons involved in the preparation of this Report, that the information submitted herein is true, accurate and complete.

Seal:



Stephen J. Osmundsen, P.E.
Senior Engineer

February 26 2008
Date

Tables

Table 1

Analytical Results for Volatile Organic Compounds in Soil Borings Spring 2007

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	GP-1	GP-2	GP-X	GP-3	GP-4	GP-4	GP-5	GP-6	GP-6	NYSDEC
Depth in Feet	(3-4)	(3-4)	(3-4)	(2.5-3)	4.5	10	(4-5)	(4-5)	10	Restricted- Commercial
Date Sampled	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	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-Dichloroprooene	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 Borings Spring 2007

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	GP-1	GP-2	GP-X*	GP-3	GP-4	GP-4	GP-5	GP-6	GP-6	NYSDEC
Depth in Feet	(3-4)	(3-4)	(3-4)	(2.5-3)	4.5	10	(4-5)	(4-5)	10	Restricted- Commercial
Date Sampled	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	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
Acenephthene	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	**189 J**	360 U	348 U	350 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-octylphalate	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

1,310

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

Table 3

Analytical Results for Metals in Soil Borings Spring 2007

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	GP-1	GP-2	GP-X*	GP-3	GP-4	GP-4	GP-5	GP-6	GP-6	NYSDEC	Eastern
Depth in Feet	(3-4)	(3-4)	(3-4)	(2.5-3)	4.5	10	(4-5)	(4-5)	10	Restricted-Commercial	U.S.A.
Date Sampled	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	5/10/2007	Part 375	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

** 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.*

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

Table 4

Analytical Results for Volatile Organic Compounds in Soil Endpoint Samples
Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	Bottom#1	Bottom#2	Bottom#2	BottomX	North Wall E	North Wall W	North Wall W	West Wall N	West Wall N	West Wall S	West Wall S	NYSDEC Part 375
Depth in Feet	13	11	15.5	11	6	6.5	3ft-5ft	6.8	3ft-5ft	6.5	3ft-5ft	Restricted
Date Sampled	10/4/2007	10/4/2007	10/15/2007	10/4/2007	10/4/2007	10/4/2007	10/16/2007	10/4/2007	10/16/2007	10/4/2007	10/16/2007	Commercial
Volatile Organic Compounds												
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Dichlorodifluoromethane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Chloromethane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Vinyl Chloride	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	13,000
Bromomethane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Chloroethane	6U	**2J**	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Trichlorofluoromethane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
1,1-Dichloroethane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	240,000
Acetone	6U	**24**	2900U	**41**	5U	5U	**4J**	6U	**520DJ**	6U	6U	500,000
Carbon Disulfide	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Methylene Chloride	6U	**1J**	2900U	15U	5U	5U	**2J**	6U	280DJ	**4J**	6U	500,000
trans-1,2-Dichloroethene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	500,000
Methyl tert-butyl ether	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	500,000
1,1-Dichloroethene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	500,000
2- Butanone	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	500,000
cis-1,2-Dichloroethene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	500,000
Chloroform	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	350,000
1,1,1-Trichloroethane	6U	6U	2900U	15U	5U	5U	**1J**	6U	1300U	6U	6U	500,000
Carbon Tetrachloride	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	22,000
1,2-Dichloroethane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	30,000
Benzene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	44,000
Trichloroethene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	200,000
1,2-Dichloropropane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Bromodichloromethane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
cis-1,3-Dichloropropene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
4-Methyl-2-pentanone	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Toluene	6U	**180**	**96,000D**	**280**	5U	5U	**4J**	6U	950DJ	6U	6U	500,000
trans-1,3-Dichloroprooene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
1,1,2-Trichloroethane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Tetrachloroethene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	150,000
2-Hexanone	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Dibromochloromethane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
1,2-Dibromoethane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Chlorobenzene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	500,000
Ethylbenzene	6U	**8**	**2,900DJ**	**15**	5U	5U	5U	6U	**450DJ**	6U	6U	390,000
Xylene (Total)	6U	**72**	**13,000D**	**150**	5U	5U	5U	6U	**41,000D**	6U	6U	500,000
Styrene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Bromoform	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Isopropylbenzene	6U	**2J**	**640DJ**	**3J**	5U	5U	5U	6U	**950DJ**	6U	6U	NVG
1,1,2,2-Tetrachloroethane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
1,3,5-Trimethylbenzene	6U	**12**	2900U	**40**	5U	5U	5U	6U	1300U	6U	6U	190,000
1,2,4-Trimethylbenzene	6U	**12**	2900U	**49**	5U	5U	5U	6U	1300U	6U	6U	190,000
1,3-Dichlorobenzene	6U	5U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	280,000
1,4-Dichlorobenzene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	130,000
1,2-Dichlorobenzene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	500,000
1,2-Dibromo-3-chloropropane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
1,2,4-Trichlorobenzene	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
1,1,2-Trichlo-1,2,2-trifluor	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Methyl Acetate	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Cyclohexane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG
Methylcyclohexane	6U	6U	2900U	15U	5U	5U	5U	6U	1300U	6U	6U	NVG

Notes:

J- Detection under laboratory detection limits

U- Not detected at or above laboratory detection limits.

D - Result was reported in a Diluted Sampled.

NVG - No Value Given.

UG/KG= micrograms per kilogram or parts per billion

UG/L = micrograms per liter or parts per billion

Detections Shown In Bold

**Bottom X is a field duplicate of Bot#2*

Table 4

Analytical Results for Volatile Organic Compounds in Soil Endpoint Samples

Empire State Varnish

38 Varick Street, Brooklyn, New York

Sample ID	B1 (13 FT)	B2 (13 FT)	B3 (11 FT)	B4 (11 FT)	B5 (9 FT)	East Wall 1	XWALLX	East Wall 2	East Wall 3	NYSDEC
Depth in Feet	13	13	11	11	9	3-5 ft	3-5 ft	3-5 ft	3-5 ft	Restricted-Commercial
Date Sampled	10/23/2007	10/23/2007	10/24/2007	10/24/2007	10/24/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	Part 375
Volatile Organic Compounds										
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/L	UG/KG	UG/L	UG/KG
Dichlorodifluoromethane	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
Chloromethane	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
Vinyl Chloride	6U	5U	18U	1400U	5U	6U	6U	6U	5U	13,000
Bromomethane	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
Chloroethane	6U	5U	**8J**	1400U	5U	6U	6U	6U	5U	NVG
Trichlorofluoromethane	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
1,1-Dichloroethane	6U	5U	18U	1400U	5U	**1J**	6U	6U	5U	240,000
Acetone	**30**	**15**	**53**	1400U	5U	**3J**	6U	6U	**1J**	500,000
Carbon Disulfide	**2J**	5U	**4J**	1400U	5U	6U	6U	6U	5U	NVG
Methylene Chloride	6U	**1J**	**8J**	1400U	5U	**2J**	**1J**	**1J**	**2J**	500,000
trans-1,2-Dichloroethene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	500,000
Methyl tert-butyl ether	6U	5U	18U	1400U	5U	6U	6U	6U	5U	500,000
1,1-Dichloroethene	6U	5U	18U	1400U	5U	3J	**4J**	6U	5U	500,000
2- Butanone	**7**	5U	**20**	1400U	5U	6U	6U	6U	5U	500,000
cis-1,2-Dichloroethene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	500,000
Chloroform	6U	5U	18U	1400U	5U	6U	6U	6U	5U	350,000
1,1,1-Trichloroethane	6U	5U	18U	1400U	5U	**48**	**52**	6U	**2J**	500,000
Carbon Tetrachloride	6U	5U	18U	1400U	5U	6U	6U	6U	5U	22,000
1,2-Dichloroethane	6U	5U	18U	1400U	5U	6U	6U	6U	5U	30,000
Benzene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	44,000
Trichloroethene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	200,000
1,2-Dichloropropane	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
Bromodichloromethane	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
cis-1,3-Dichloropropene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
4-Methyl-2-pentanone	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
Toluene	6U	5U	**5JB**	1400U	**1JB**	6U	6U	**2JB**	**2JB**	500,000
trans-1,3-Dichloroprooene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
1,1,2-Trichloroethane	6U	5U	**240**	1400U	5U	6U	6U	6U	5U	NVG
Tetrachloroethene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	150,000
2-Hexanone	6U	5U	**690**	1400U	5U	6U	6U	6U	5U	NVG
Dibromochloromethane	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
1,2-Dibromoethane	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
Chlorobenzene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	500,000
Ethylbenzene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	390,000
Xylene (Total)	6U	5U	18U	1400U	5U	6U	6U	6U	5U	500,000
Styrene	6U	5U	18	1400U	5U	6U	6U	6U	5U	NVG
Bromoform	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
Isopropylbenzene	6J	5U	**480**	1400U	5U	6U	6U	6U	5U	NVG
1,1,2,2-Tetrachloroethane	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
1,3,5-Trimethylbenzene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	190,000
1,2,4-Trimethylbenzene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	190,000
1,3-Dichlorobenzene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	280,000
1,4-Dichlorobenzene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	130,000
1,2-Dichlorobenzene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	500,000
1,2-Dibromo-3-chloropropan	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
1,2,4-Trichlorobenzene	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
1,1,2-Trichlo-1,2,2-trifluor	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
Methyl Acetate	6U	5U	18U	1400U	5U	6U	6U	6U	5U	NVG
Cyclohexane	6U	5U	**7J**	1400U	5U	6U	6U	6U	5U	NVG
Methylcyclohexane	6U	5U	130	**380DJ**	5U	6U	6U	6U	5U	NVG

Notes:

J- Detection under laboratory detection limits

Detections shown in bold

U- Not detected at or above laboratory detection limits.

NVG - No Value Given.

**Bottom X is a duplicate of Bot #, XWallX is a duplicate of East Wall 1*

UG/KG= micrograms per kilogram or parts per billion

UG/L = micrograms per liter or parts per billion

Table 4

Analytical Results for Volatile Organic Compounds in Soil Endpoint Samples

Empire State Varnish

38 Varick Street, Brooklyn, New York

Sample ID	N Wall (3-5 FT)	SE Wall (3-5FT)	SE Wall (8FT)	SW Wall (8FT)	WS WALL	NYSDEC
Depth in Feet	3-5 ft	3-5 ft	8	8	5 ft	Restricted- Commercial
Date Sampled	10/24/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	Part 375
Volatile Organic Compounds						
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Dichlorodifluoromethane	6U	5U	6U	6U	6U	NVG
Chloromethane	6U	5U	6U	6U	6U	NVG
Vinyl Chloride	6U	5U	6U	6U	6U	13,000
Bromomethane	6U	5U	6U	6U	6U	NVG
Chloroethane	6U	5U	6U	6U	6U	NVG
Trichlorofluoromethane	6U	5U	6U	6U	6U	NVG
1,1-Dichloroethane	6U	5U	6U	6U	6U	240,000
Acetone	6U	**18**	6U	**11**	6U	500,000
Carbon Disulfide	6U	5U	6U	6U	6U	NVG
Methylene Chloride	**2J**	5U	6U	6U	**1J**	500,000
trans-1,2-Dichloroethene	6U	5U	6U	6U	6U	500,000
Methyl tert-butyl ether	6U	5U	6U	6U	6U	500,000
1,1-Dichloroethene	6U	**110**	**1J**	**2J**	6U	500,000
2- Butanone	6U	5U	6U	6U	6U	500,000
cis-1,2-Dichloroethene	6U	5U	6U	6U	6U	500,000
Chloroform	6U	5U	6U	6U	6U	350,000
1,1,1-Trichloroethane	**3J**	**160**	**2J**	6U	**6**	500,000
Carbon Tetrachloride	6U	5U	6U	6U	6U	22,000
1,2-Dichloroethane	6U	5U	6U	6U	6U	30,000
Benzene	6U	5U	6U	6U	6U	44,000
Trichloroethene	6U	**26**	6U	6U	6U	200,000
1,2-Dichloropropane	6U	5U	6U	6U	6U	NVG
Bromodichloromethane	6U	5U	6U	6U	6U	NVG
cis-1,3-Dichloropropene	6U	5U	6U	6U	6U	NVG
4-Methyl-2-pentanone	6U	5U	6U	6U	6U	NVG
Toluene	**1JB**	5U	6U	6U	6U	500,000
trans-1,3-Dichloroprooene	6U	5U	6U	6U	6U	NVG
1,1,2-Trichloroethane	6U	5U	6U	6U	6U	NVG
Tetrachloroethene	5J	5U	6U	6U	6U	150,000
2-Hexanone	6U	5U	6U	6U	6U	NVG
Dibromochloromethane	6U	5U	6U	6U	6U	NVG
1,2-Dibromoethane	6U	5U	6U	6U	6U	NVG
Chlorobenzene	6U	5U	6U	6U	6U	500,000
Ethylbenzene	6U	**4J**	6U	6U	6U	390,000
Xylene (Total)	6U	**16**	6U	6U	6U	500,000
Styrene	6U	5U	6U	6U	6U	NVG
Bromoform	6U	5U	6U	6U	6U	NVG
Isopropylbenzene	**6U**	**5J**	6U	6U	6U	NVG
1,1,2,2-Tetrachloroethane	6U	5U	6U	6U	6U	NVG
1,3,5-Trimethylbenzene	6U	**19**	6U	6U	6U	190,000
1,2,4-Trimethylbenzene	6U	**90**	6U	6U	6U	190,000
1,3-Dichlorobenzene	6U	5U	6U	6U	6U	280,000
1,4-Dichlorobenzene	6U	5U	6U	6U	6U	130,000
1,2-Dichlorobenzene	6U	5U	6U	6U	6U	500,000
1,2-Dibromo-3-chloropropane	6U	5U	6U	6U	6U	NVG
1,2,4-Trichlorobenzene	6U	5U	6U	6U	6U	NVG
1,1,2-Trichlo-1,2,2-trifluor	6U	5U	6U	6U	6U	NVG
Methyl Acetate	6U	5U	6U	6U	6U	NVG
Cyclohexane	6U	5U	6U	6U	6U	NVG
Methylcyclohexane	6U	5U	6U	6U	6U	NVG

Notes:

J- Detection under laboratory detection limits

Detections shown in bold

U- Not detected at or above laboratory detection limits.

NVG - No Value Given.

**Bottom X is a duplicate of Bot # 2*

UG/KG= micrograms per kilogram or parts per billion

UG/L = micrograms per liter or parts per billion

Table 4

Analytical Results for Volatile Organic Compounds in Soil Endpoint Samples

Empire State Varnish

38 Varick Street, Brooklyn, New York

Sample ID	Trip Blank	FB 10/4	TB-1	FB 10/16	Trip Blank	FB 10/23	TB-3	FB 10/24	TB-4	NYSDEC
Depth in Feet	NA	NA	NA	NA	NA	NA	NA	NA	NA	Restricted- Commercial
Date Sampled	10/4/2007	10/4/2007	10/4/2007	10/16/2007	10/16/2007	10/23/2007	10/23/2007	10/24/2007	10/24/2007	Part 375
Volatile Organic Compounds										
Units	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/KG
Dichlorodifluoromethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Chloromethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Vinyl Chloride	5U	5U	5U	5U	5U	5U	5U	5U	5U	13,000
Bromomethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Chloroethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Trichlorofluoromethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
1,1-Dichloroethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	240,000
Acetone	5U	5U	5U	5U	5U	5U	5U	5U	5U	500,000
Carbon Disulfide	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Methylene Chloride	5U	5U	5U	5U	5U	5U	5U	2J	5U	500,000
trans-1,2-Dichloroethene	5U	5U	5U	5U	5U	5U	5U	5U	5U	500,000
Methyl tert-butyl ether	5U	5U	5U	5U	5U	5U	5U	5U	5U	500,000
1,1-Dichloroethene	5U	5U	5U	5U	5U	5U	5U	5U	5U	500,000
2- Butanone	5U	5U	5U	5U	5U	5U	5U	5U	5U	500,000
cis-1,2-Dichloroethene	5U	5U	5U	5U	5U	5U	5U	5U	5U	500,000
Chloroform	5U	5U	5U	5U	5U	5U	5U	5U	5U	350,000
1,1,1-Trichloroethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	500,000
Carbon Tetrachloride	5U	5U	5U	5U	5U	5U	5U	5U	5U	22,000
1,2-Dichloroethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	30,000
Benzene	5U	5U	5U	5U	5U	5U	5U	5U	5U	44,000
Trichloroethene	5U	5U	5U	5U	5U	5U	5U	5U	5U	200,000
1,2-Dichloropropane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Bromodichloromethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
cis-1,3-Dichloropropene	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
4-Methyl-2-pentanone	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Toluene	5U	5U	5U	5U	5U	5U	5U	5U	5U	500,000
trans-1,3-Dichloroprooene	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
1,1,2-Trichloroethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Tetrachloroethene	5U	5U	5U	5U	5U	5U	5U	5U	5U	150,000
2-Hexanone	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Dibromochloromethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
1,2-Dibromoethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Chlorobenzene	5U	5U	5U	5U	5U	5U	5U	5U	5U	500,000
Ethylbenzene	5U	5U	5U	5U	5U	5U	5U	5U	5U	390,000
Xylene (Total)	5U	5U	5U	5U	5U	5U	5U	5U	5U	500,000
Styrene	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Bromoform	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Isopropylbenzene	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
1,1,2,2-Tetrachloroethane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
1,3,5-Trimethylbenzene	5U	5U	5U	5U	5U	5U	5U	5U	5U	190,000
1,2,4-Trimethylbenzene	5U	5U	5U	5U	5U	5U	5U	5U	5U	190,000
1,3-Dichlorobenzene	5U	5U	5U	5U	5U	5U	5U	5U	5U	280,000
1,4-Dichlorobenzene	5U	5U	5U	5U	5U	5U	5U	5U	5U	130,000
1,2-Dichlorobenzene	5U	5U	5U	5U	5U	5U	5U	5U	5U	500,000
1,2-Dibromo-3-chloropropane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
1,2,4-Trichlorobenzene	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
1,1,2-Trichlo-1,2,2-trifluor	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Methyl Acetate	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Cyclohexane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG
Methylcyclohexane	5U	5U	5U	5U	5U	5U	5U	5U	5U	NVG

Notes:

J- Detection under laboratory detection limits

U- Not detected at or above laboratory detection limits.

D - Result was reported in a Diluted Sampled.

NVG - No Value Given.

UG/KG= micrograms per kilogram or parts per billion

UG/L = micrograms per liter or parts per billion

Table 4

Analytical Results for Volatile Organic Compounds in Soil Endpoint Samples
Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	Fume A	Fume B	Fume C	Fume Bot	X Bot X*	Pipes	FB 11/16	FB 11/19	TB	NYSDEC Part 375
Depth in Feet	2 ft.	2 ft.	2 ft.	2 ft.		5 in.	NA	NA	NA	Restricted
Date Sampled	11/16/2007	11/16/2007	11/16/2007	11/16/2007	11/16/2007	11/19/2007	11/16/2007	11/19/2007	11/19/2007	Commercial
Volatile Organic Compounds										
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/L	UG/L	UG/L	UG/KG
Dichlorodifluoromethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Chloromethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Vinyl Chloride	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	13,000
Bromomethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Chloroethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Trichlorofluoromethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
1,1-Dichloroethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	240,000
Acetone	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	500,000
Carbon Disulfide	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Methylene Chloride	5 U	6 U	5 U	6 U	7 U	6 U	5 U	**4 J**	5 U	500,000
trans-1,2-Dichloroethene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	500,000
Methyl tert-butyl ether	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	500,000
1,1-Dichloroethene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	500,000
2- Butanone	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	500,000
cis-1,2-Dichloroethene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	500,000
Chloroform	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	350,000
1,1,1-Trichloroethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	500,000
Carbon Tetrachloride	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	22,000
1,2-Dichloroethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	30,000
Benzene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	44,000
Trichloroethene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	200,000
1,2-Dichloropropane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Bromodichloromethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
cis-1,3-Dichloropropene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
4-Methyl-2-pentanone	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Toluene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	500,000
trans-1,3-Dichloroprooene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
1,1,2-Trichloroethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Tetrachloroethene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	150,000
2-Hexanone	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Dibromochloromethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
1,2-Dibromoethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Chlorobenzene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	500,000
Ethylbenzene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	390,000
Xylene (Total)	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	500,000
Styrene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Bromoform	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Isopropylbenzene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
1,1,2,2-Tetrachloroethane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
1,3,5-Trimethylbenzene	5 U	6 U	5 U	6 U	7 U	**8**	5 U	5 U	5 U	190,000
1,2,4-Trimethylbenzene	5 U	6 U	5 U	6 U	7 U	**4 J**	5 U	5 U	5 U	190,000
1,3-Dichlorobenzene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	280,000
1,4-Dichlorobenzene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	130,000
1,2-Dichlorobenzene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	500,000
1,2-Dibromo-3-chloropropane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
1,2,4-Trichlorobenzene	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
1,1,2-Trichlo-1,2,2-trifluor	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Methyl Acetate	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Cyclohexane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG
Methylcyclohexane	5 U	6 U	5 U	6 U	7 U	6 U	5 U	5 U	5 U	NVG

Notes:
J- Detection under laboratory detection limits
U- Not detected at or above laboratory detection limits.
NVG - No Value Given.
UG/KG= micrograms per kilogram or parts per billion
UG/L = micrograms per liter or parts per billion

Detections Shown In Bold

**X Bot X is duplicate of Fume Bot*
NA= Not Applicable

Table 5

Analytical Results for Semi-Volatile Organic Compounds in Soil Endpoint Samples

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	Bottom #1	Bottom #2	Bottom #2	Bottom X	North Wall E	North Wall W	North Wall W	West Wall N	West Wall N	West Wall S	West Wall S	FB 10/4	NYSDEC Restricted Commercial Part 375
Depth in Feet	13	11	15.5	11	6	6.5	3-5ft	6.8	3ft-5ft	6.5	3ft-5ft	NA	
Date Sampled	10/4/2007	10/4/2007	10/15/2007	10/4/2007	10/4/2007	10/4/2007	10/16/2007	10/4/2007	10/16/2007	10/4/2007	10/16/2007	10/4/2007	
Semi-Volatile Organic Compounds													
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/L	UG/L	UG/KG
Phenol	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	500,000
bis(2-Chloroethyl)Ether	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
2-Chlorophenol	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
2-Methylphenol	390 U	780 U	410U	**70 J**	360 U	730 U	750U	370 U	380U	360 U	400U	100U	500,000
2,2'-oxybis(1-Chloropropane)	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
4-Methylphenol	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
N-Nitroso-di-n-propylmine	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
Hexachloroethane	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
Nitrobenzene	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
Isophorone	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
2-Nitrophenol	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
2,4-Dimethylphenol	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	**2,200**	360 U	400U	100U	NVG
2,4-Dichlorophenol	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
Naphthalene	390 U	**450 J**	**4,200**	**270 J**	360 U	**200 J**	**260J**	**38 J**	**3,700**	360 U	400U	100U	500,000
4-Chloroaniline	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
Hexachlorobutadiene	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
bis(2-Chloroethoxy)methane	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
4-Chloro-3-Methylphenol	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
2-Methylnaphthalene	390 U	**260 J**	**1,200**	**140 J**	360 U	**94 J**	**210J**	370 U	**2,200**	360 U	400U	100U	NVG
Hexachlorocyclopentadiene	390 U	60 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
2,4,6-Trichlorophenol	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	200U	NVG
2,4,5-Trichlorophenol	800 U	1,600 U	840U	790 U	730 U	1,500 U	1,500 U	750 U	780U	740 U	20 U	200U	NVG
2- Chloronaphthalene	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
2-Nitroaniline	800 U	1,600 U	840U	790 U	730 U	1,500 U	1,500 U	750 U	780U	740 U	400U	100U	NVG
Dimethylphthalate	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
Acenaphthylene	390 U	**140 J**	**61J**	**150 J**	360 U	**170 J**	**95J**	**70 J**	380U	360 U	400U	100U	500,000
2,6-Dinitrotoluene	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	100U	NVG
3-Nitroaniline	800 U	1,600 U	840U	790 U	730 U	1,500 U	1500U	750 U	780U	740 U	400U	100U	NVG
Acenephthene	390 U	**940**	**370J**	**300 J**	**51 J**	**330 J**	**370J**	370 U	380U	**130 J**	800U	200U	500,000
2,4-Dinitrophenol	800 U	1,600 U	840U	790 U	730 U	1,500 U	1500U	750 U	780U	740 U	400U	200U	NVG
4-Nitrophenol	800 U	1,600 U	840U	790 U	730 U	1,500 U	1500U	750 U	780U	740 U	800U	200U	NVG

Notes:
U- Not detected at or above laboratory detection limits.
NVG - No Value Given.
Detections shown in bold
J- Detection under laboratory detection limits
**Bottom X is a duplicate of Bot #2*

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

Table 5

Analytical Results for Semi-Volatile Organic Compounds in Soil Endpoint Samples

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	Bottom #1	Bottom 2	Bottom #2	Bottom X	North Wall E	North Wall W	North Wall W	West Wall N	West Wall N	West Wall S	West WallS	FB 10/4	NYSDEC Restricted Commercial
Depth in Feet	13	11	15.5	11	6	6.5	3-5ft	6.8	3ft-5ft	6.5	3ft-5ft	NA	Part 375
Date Sampled	10/4/2007	10/4/2007	10/15/2007	10/4/2007	10/4/2007	10/4/2007	10/16/2007	10/4/2007	10/16/2007	10/4/2007	10/16/2007	10/4/2007	
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	UG/KG	UG/L	UG/KG
Dibenzofuran	390 U	**640 J**	**200J**	**230 J**	360 U	**280 J**	**330J**	370 U	380U	**38 J**	400U	10 U	350,000
2,4-Dinitrotoluene	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	10 U	NVG
Diethylphthalate	390 U	780 U	**220J**	390 U	360 U	730U	750U	370 U	380U	360 U	400U	10 U	NVG
4-Chlorophenyl-phenylether	390 U	780 U	410U	390 U	360 U	730U	750U	370 U	380U	360 U	400U	10 U	NVG
Fluorene	390 U	**1,000**	**380J**	**330 J**	**48 J**	**440 J**	**460J**	**42 J**	**54J**	**120 J**	400U	10 U	500,000
4-Nitroaniline	800 U	1,600 U	840U	790 U	730 U	1,500 U	1500U	750 U	780U	740 U	800U	20 U	NVG
4,6-Dinitro-2-methylphenol	800 U	1,600 U	840U	790 U	730 U	1,500 U	1500U	750 U	780U	740 U	800U	20 U	NVG
N-Nitrosodiphenylamine_(1)	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	10 U	NVG
4-Bromophenyl-phenylether	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	10 U	NVG
Hexachlorobenzene	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	10 U	6,000
Pentachlorophenol	800 U	1,600 U	840U	790 U	730 U	1,500 U	1500U	750 U	780U	740 U	800U	20 U	6,700
Phenanthrene	**340 J**	**8,400**	**2,700**	**3,500**	**620**	**4,900**	**6,000**	**740**	**230J**	**1,700**	400U	10 U	500,000
Anthracene	**88 J**	**2,000**	**630**	**820**	**130 J**	**870**	**1400**	**190 J**	380U	**260 J**	400U	10 U	500,000
Carbazole	390 U	**930**	**44J**	**310 J**	**64 J**	**540 J**	**600J**	**45 J**	380U	**87 J**	400U	10 U	NVG
Di-n-butyl phthalate	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	10 U	NVG
Fluoranthene	**470**	**8,800**	**2,500**	**4,500**	**920**	**6,600**	**8,200**	**1,200**	**160J**	**1,600**	**41J**	10 U	500,000
Pyrene	**420**	**6,900**	**2,500**	**3,900**	**840**	**5,100**	**6,500**	**1,100**	**96J**	**1,800**	**43J**	10 U	500,000
Butylbenzylphthalate	390 U	780 U	410U	390 U	360 U	730 U	280J	370 U	380U	360 U	400U	10 U	NVG
3,3'-Dichlorobenzidine	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	10 U	NVG
Benzo (a) anthracene	**240 J**	**3,900**	**1,100**	**2,300**	**400**	**2,300**	**3,800**	**670**	**56J**	**870**	**41J**	10 U	5,600
Chrysene	**200 J**	**4,100**	**1,000**	**2,400**	**420**	**2,500**	**3,600**	**730**	**77J**	**910**	**44J**	10 U	56,000
bis(2-Ethylhexyl)phthalate	**130 JB**	780 U	410U	**140 JB**	**90 JB**	730 U	**310J**	**130 JB**	**1800**	**330 JB**	**83J**	10 U	NVG
Di-n-octylphalate	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	10 U	NVG
Benzo(b)fluoranthene	**230 J**	**3,900**	**920**	**2,400**	**400**	**2,700**	**3,900**	**1,000**	**66J**	**660**	**85J**	10 U	5,600
Benzo(k)fluoranthene	**120 J**	**1,700**	**400J**	**1,000**	**250 J**	**1,300**	**1,600**	**360 J**	380U	360 U	400U	10 U	56,000
Benzo(a)pyrene	**190 J**	**3,200**	**780**	**2,000**	**350 J**	**2,300**	**3,000**	**810**	**42J**	**650**	**62J**	10 U	1,000
Indeno(1,2,3-cd)pyrene	**110 J**	**1,800**	**410J**	**1,200**	**200 J**	**1,300**	**1,800**	**590**	380U	**320 J**	**66J**	10 U	5,600
Dibenzo(a,h)anthracene	390 U	**610 J**	**130J**	**370 J**	**55 J**	**310 J**	**590J**	**160 J**	380U	**110 J**	400U	10 U	560
Benzo(g,h,i)perylene	**120 J**	**2,000**	**480**	**1,400**	**270 J**	**1,500**	**1,900**	**730**	**59J**	**390**	**80J**	10 U	500,000
1,1'-Biphenyl	390 U	**93 J**	**84J**	**61 J**	360 U	730 U	750U	370 U	210J	360 U	400U	10 U	NVG
Acentophenone	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	10 U	500,000
Atrazine	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	10 U	NVG
Benzaldehyde	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	10 U	NVG
Caprolactam	390 U	780 U	410U	390 U	360 U	730 U	750U	370 U	380U	360 U	400U	10 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
Detections shown in bold
**Bottom X is a duplicate of Bot #2*
Bold and boxed indicates value is above the NYSDEC Part 375 Restricted Commercial Cleanup Value

Table 5

Analytical Results for Semi-Volatile Organic Compounds in Soil Endpoint Samples

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	B1 (13 FT)	B2 (13 FT)	B3 (11 FT)	B4 (11 FT)	B5 (9 FT)	East Wall 1	XWALLX	East Wall 2	East Wall 3	FB 10/23	NYSDEC Restricted Commercial Part 375
Depth in Feet	13	13	11	11	9	3-5 ft	3-5 ft	3-5 ft	3-5 ft	NA	
Date Sampled	10/23/2007	10/23/2007	10/24/2007	10/24/2007	10/24/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	
Semi-Volatile Organic Compounds											
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/L	UG/L	UG/KG
Phenol	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	500,000
bis(2-Chloroethyl)Ether	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
2-Chlorophenol	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
2-Methylphenol	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	500,000
2,2'-oxybis(1-Chloropropane)	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
4-Methylphenol	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
N-Nitroso-di-n-propylmine	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
Hexachloroethane	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
Nitrobenzene	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
Isophorone	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
2-Nitrophenol	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
2,4-Dimethylphenol	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
2,4-Dichlorophenol	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
Naphthalene	430 U	370 U	**1,100**	**740**	340U	**120 J**	**150J**	**120J**	350U	10 U	500,000
4-Chloroaniline	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
Hexachlorobutadiene	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
bis(2-Chloroethoxy)methane	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
4-Chloro-3-Methylphenol	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
2-Methylnaphthalene	430 U	370 U	**2,700**	**320J**	340U	390U	**42J**	**77J**	350U	10 U	NVG
Hexachlorocyclopentadiene	430 U	370 U	570 U	380U	340U	390U	380U	400U	350U	10 U	NVG
2,4,6-Trichlorophenol	430 U	370 U	570 U	380U	340U	800U	380U	400U	350U	10 U	NVG
2,4,5-Trichlorophenol	880 U	750 U	1200 U	780U	700U	390U	780U	810U	720U	20 U	NVG
2- Chloronaphthalene	430 U	370 U	570 U	380U	340U	800U	380U	400U	350U	10 U	NVG
2-Nitroaniline	880 U	750 U	1200 U	780U	700U	390U	780U	810U	720U	20 U	NVG
Dimethylphthalate	430 U	370 U	570 U	380U	340U	**78J**	380U	400U	350U	10 U	NVG
Acenaphthylene	430 U	370 U	570 U	380U	**95J**	390U	**66J**	**42J**	350U	10 U	500,000
2,6-Dinitrotoluene	430 U	370 U	570 U	380U	340U	800U	380U	400U	350U	10 U	NVG
3-Nitroaniline	880 U	750 U	1200 U	780U	700U	390U	780U	810U	720U	20 U	NVG
Acenephthene	430 U	370 U	570 U	**99J**	**63J**	800U	380U	**410**	350U	10 U	500,000
2,4-Dinitrophenol	880 U	750 U	1200 U	780U	700U	800U	780U	810U	720U	20 U	NVG
4-Nitrophenol	880 U	750 U	1200 U	780U	700U	**40J**	780U	810U	720U	20 U	NVG

Notes:
U- Not detected at or above laboratory detection limits.
NVG - No Value Given.
Detections shown in bold
J- Detection under laboratory detection limits
**Bottom X is a duplicate of Bot #, XWallX is a duplicate of East Wall 1*
Bold and boxed indicates value is above the NYSDEC Part 375 Restricted Commercial Cleanup Value

Table 5

Analytical Results for Semi-Volatile Organic Compounds in Soil Endpoint Samples

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	B1 (13 FT)	B2 (13 FT)	B3 (11 FT)	B4 (11 FT)	B5 (9 FT)	East Wall 1	XWALLX	East Wall 2	East Wall 3	FB 10/23	NYSDEC Restricted Commercial Part 375
Depth in Feet	13	13	11	11	9	3-5 ft	3-5 ft	3-5 ft	3-5 ft	NA	
Date Sampled	10/23/2007	10/23/2007	10/24/2007	10/24/2007	10/24/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	
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	UG/KG
Dibenzofuran	430 U	370 U	**59J**	380U	340U	**40J**	380U	**200J**	350U	10U	350,000
2,4-Dinitrotoluene	430 U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	NVG
Diethylphthalate	**76 J**	370 U	570U	380U	340U	390U	380U	400U	350U	**4J**	NVG
4-Chlorophenyl-phenylether	430 U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	NVG
Fluorene	430 U	370 U	**90J**	**60J**	**60J**	**56J**	**39J**	**330J**	350U	10U	500,000
4-Nitroaniline	880 U	750 U	1200U	780U	700U	800U	780U	810U	720U	20U	NVG
4,6-Dinitro-2-methylphenol	880 U	750 U	1200U	780U	700U	800U	780U	810U	720U	20U	NVG
N-Nitrosodiphenylamine_(1)	430 U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	NVG
4-Bromophenyl-phenylether	430 U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	NVG
Hexachlorobenzene	430 U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	6,000
Pentachlorophenol	880 U	750 U	1200U	780U	700U	800U	780U	810U	720U	20U	6,700
Phenanthrene	**82 J**	**52 J**	**62J**	**460**	**810**	**790**	**650**	**2,800**	**250J**	10U	500,000
Anthracene	430 U	370 U	570U	**100J**	**210J**	**160J**	**110J**	**790**	**95J**	10U	500,000
Carbazole	430 U	370 U	570U	380U	**94J**	**71J**	**52J**	**300J**	350U	10U	NVG
Di-n-butyl phthalate	430 U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	NVG
Fluoranthene	**170 J**	**100 J**	570U	**940**	**1,700**	**1,600**	**1,500**	**3,100**	**780**	10U	500,000
Pyrene	**170 J**	**92 J**	570U	**890**	**1,600**	**1,200**	**1,100**	**2,800**	**770**	10U	500,000
Butylbenzylphthalate	430 U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	NVG
3,3'-Dichlorobenzidine	430 U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	NVG
Benzo (a) anthracene	**83 J**	**46 J**	570U	**440**	850U	**990**	**1,100**	**1400**	**560**	10U	5,600
Chrysene	**92 J**	**50 J**	570U	**440**	**1,000**	**1,600**	**1,800**	**1400**	**620**	10U	56,000
bis(2-Ethylhexyl)phthalate	430 U	**58 J**	570U	380U	**50J**	**1,600**	**50J**	**59J**	**47J**	10U	NVG
Di-n-octylphalate	430 U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	NVG
Benzo(b)fluoranthene	**98 J**	**40 J**	570U	**630**	**1,200**	390U	**3,500**	**1,600**	**840**	10U	5,600
Benzo(k)fluoranthene	430 U	370 U	570U	**220J**	**530**	**2,600**	**1,200**	**630**	**340J**	10U	56,000
Benzo(a)pyrene	74 J	370 U	570U	**450**	**950**	**1,200**	**1,200**	**1,300**	**620**	10U	1,000
Indeno(1,2,3-cd)pyrene	430 U	370 U	570U	**270J**	**620**	**1,100**	**1,800**	**840**	**510**	10U	5,600
Dibenzo(a,h)anthracene	430 U	370 U	570U	**83J**	**210J**	**1,300**	**650**	**250J**	**160J**	10U	560
Benzo(g,h,i)perylene	**56 J**	370 U	570U	**360J**	**720**	**450**	**2,000**	**930**	**560**	10U	500,000
1,1'-Biphenyl	430U	370 U	**190J**	380U	340U	**1,500**	380U	400U	350U	10U	NVG
Acentophenone	430U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	500,000
Atrazine	430U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	NVG
Benzaldehyde	430U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	NVG
Caprolactam	430U	370 U	570U	380U	340U	390U	380U	400U	350U	10U	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
Detections shown in bold
**Bottom X is a duplicate of Bot #, XWallX is a duplicate of East Wall 1*
Bold and boxed indicates value is above the NYSDEC Part 375 Restricted Commercial Cleanup Value

Table 5

Analytical Results for Semi-Volatile Organic Compounds in Soil Endpoint Samples

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	N Wall (3-5 FT)	SE Wall (3-5FT)	SE Wall (8FT)	SE Wall (8FT)	SW Wall (3-5FT)	SW Wall (8FT)	WS WALL	FB 10/24	NYSDEC Restricted Commercial Part 375
Depth in Feet	3-5 ft	3-5 ft	8	8	3-5 ft	8ft	5 ft	NA	
Date Sampled	10/24/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	10/24/2007	
Semi-Volatile Organic Compounds									
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/L	UG/KG
Phenol	400U	380U	390 U	360 U	400U	420U	380U	10 U	500,000
bis(2-Chloroethyl)Ether	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
2-Chlorophenol	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
2-Methylphenol	400U	380U	390 U	360 U	400U	420U	380U	10 U	500,000
2,2'-oxybis(1-Chloropropane)	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
4-Methylphenol	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
N-Nitroso-di-n-propylmine	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
Hexachloroethane	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
Nitrobenzene	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
Isophorone	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
2-Nitrophenol	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
2,4-Dimethylphenol	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
2,4-Dichlorophenol	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
Naphthalene	**91J**	**210J**	390 U	360 U	**240J**	420U	**390**	10 U	500,000
4-Chloroaniline	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
Hexachlorobutadiene	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
bis(2-Chloroethoxy)methane	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
4-Chloro-3-Methylphenol	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
2-Methylnaphthalene	**46J**	**180J**	390 U	360 U	**160J**	420U	**230J**	10 U	NVG
Hexachlorocyclopentadiene	400U	380U	390 U	360 U	400U	420U	380U	10 U	NVG
2,4,6-Trichlorophenol	400U	380U	390 U	360 U	400U	420U	380U	20 U	NVG
2,4,5-Trichlorophenol	810U	780U	800U	730 U	810U	860U	780U	10 U	NVG
2- Chloronaphthalene	400U	380U	390U	360 U	400U	420U	380U	20 U	NVG
2-Nitroaniline	810U	780U	800U	730 U	810U	860U	780U	10 U	NVG
Dimethylphthalate	400U	380U	390U	360 U	400U	420U	380U	10 U	NVG
Acenaphthylene	**68J**	**63J**	390U	360 U	**90J**	420U	**200J**	10 U	500,000
2,6-Dinitrotoluene	400U	380U	390U	360 U	400U	420U	380U	20 U	NVG
3-Nitroaniline	810U	780U	800U	730 U	810U	860U	780U	10 U	NVG
Acenephthene	**100J**	**220J**	390U	**51 J**	**160J**	420U	**650**	20 U	500,000
2,4-Dinitrophenol	810U	780U	800U	730 U	810U	860U	780U	20 U	NVG
4-Nitrophenol	810U	780U	800U	730 U	810U	860U	780U	740 U	NVG

Notes:
U- Not detected at or above laboratory detection limits.
NVG - No Value Given.
Detections shown in bold
J- Detection under laboratory detection limits
**Bottom X is a duplicate of Bot #2*

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

Table 5

Analytical Results for Semi-Volatile Organic Compounds in Soil Endpoint Samples

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	N Wall (3-5 FT)	SE Wall (3-5FT)	SE Wall (8FT)	SW Wall (3-5FT)	SW Wall (8FT)	WS WALL	FB 10/24	NYSDEC Restricted Commercial Part 375
Depth in Feet	3-5 ft	3-5 ft	8	3-5 ft	8	5 ft	NA	
Date Sampled	10/24/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	10/24/2007	
Semi-Volatile Organic Compounds								UG/KG
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Dibenzofuran	**67J**	**80J**	390U	**100J**	420U	**470**	10U	350,000
2,4-Dinitrotoluene	400U	380U	390 U	400U	420U	380U	10U	NVG
Diethylphthalate	400U	**84J**	**1,000**	400U	**120J**	380U	10U	NVG
4-Chlorophenyl-phenylether	400U	380U	390U	400U	420U	380U	10U	NVG
Fluorene	**110J**	**160J**	390U	**150J**	420U	**700**	10U	500,000
4-Nitroaniline	810U	780U	800U	810U	860U	780U	20U	NVG
4,6-Dinitro-2-methylphenol	810U	780U	800U	810U	860U	780U	20U	NVG
N-Nitrosodiphenylamine_(1)	400U	380U	390U	400U	420U	380U	10U	NVG
4-Bromophenyl-phenylether	400U	380U	390U	400U	420U	380U	10U	NVG
Hexachlorobenzene	400U	380U	390U	400U	420U	380U	10U	6,000
Pentachlorophenol	810U	780U	800U	810U	860U	780U	20U	6,700
Phenanthrene	**1,300**	**1,600**	**250J**	**1,600**	420U	**4,800**	10U	500,000
Anthracene	**320J**	**340J**	**55J**	**360J**	420U	**1,400**	10U	500,000
Carbazole	**170J**	**170J**	390U	**170J**	420U	**540**	10U	NVG
Di-n-butyl phthalate	400U	380U	390U	400U	420U	380U	10U	NVG
Fluoranthene	**1,800**	**3,100**	**390J**	**2,700**	**70J**	**4,800**	10U	500,000
Pyrene	**1,500**	**2,400**	**370J**	**2,100**	**94J**	**4,100**	10U	500,000
Butylbenzylphthalate	400U	380U	390U	400U	420U	380U	10U	NVG
3,3'-Dichlorobenzidine	400U	380U	390U	400U	420U	380U	10U	NVG
Benzo (a) anthracene	**920**	**2,000**	**210J**	**1,300**	**78J**	**2,100**	10U	5,600
Chrysene	**930**	**2,600**	**210J**	**1,700**	**85J**	**2,000**	10U	56,000
bis(2-Ethylhexyl)phthalate	**87J**	**59J**	390U	**400U**	420U	380U	10U	NVG
Di-n-octylphalate	400U	380U	390U	400U	420U	380U	10U	NVG
Benzo(b)fluoranthene	**1,300**	**4,100**	**270J**	**2,100**	**100J**	**1,900**	10U	5,600
Benzo(k)fluoranthene	**580**	**1,300**	**120J**	**1,100**	**73J**	**1,100**	10U	56,000
Benzo(a)pyrene	**980**	**2,400**	**220J**	**1,500**	**90J**	**1,800**	10U	1,000
Indeno(1,2,3-cd)pyrene	**800**	**2,300**	**140J**	**1,200**	**56J**	**980**	10U	5,600
Dibenzo(a,h)anthracene	**230J**	**720**	**46J**	**410**	420U	**310J**	10U	560
Benzo(g,h,i)perylene	**900**	**2,600**	**190J**	**1,400**	**71J**	**1,100**	10U	500,000
1,1'-Biphenyl	400U	380U	390U	400U	420U	**72J**	10U	NVG
Acentophenone	400U	380U	390U	400U	420U	380U	10U	500,000
Atrazine	400U	380U	390U	400U	420U	380U	10U	NVG
Benzaldehyde	400U	380U	390U	400U	420U	380U	10U	NVG
Caprolactam	400U	380U	390U	400U	420U	380U	10U	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
Detections shown in bold
**Bottom X is a duplicate of Bot #2*
Bold and boxed indicates value is above the NYSDEC Part 375 Restricted Commercial Cleanup Value

Table 5

Analytical Results for Semi-Volatile Organic Compounds in Soil Endpoint Samples

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	Fume A	Fume B	Fume C	Fume Bot	X Bot X*	Pipes	FB 11/16	FB 11/19	NYSDEC Restricted
Depth in Feet	2 ft.	2 ft.	2 ft.	4 ft.	4 ft.	5 in.	NA	NA	Commercial
Date Sampled	11/16/2007	11/16/2007	11/16/2007	11/16/2007	11/16/2007	11/19/2007	11/16/2007	11/19/2007	Part 375
Semi-Volatile Organic Compounds									
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
Phenol	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	500,000
bis(2-Chloroethyl)Ether	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
2-Chlorophenol	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
2-Methylphenol	340 U	360 U	330 U	360 U	**170 J**	400 U	10 U	10 U	500,000
2,2'-oxybis(1-Chloropropane)	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
4-Methylphenol	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
N-Nitroso-di-n-propylmine	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Hexachloroethane	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Nitrobenzene	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Isophorone	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
2-Nitrophenol	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
2,4-Dimethylphenol	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
2,4-Dichlorophenol	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Naphthalene	**40 J**	**37 J**	330 U	**54 J**	**160 J**	**110 J**	10 U	10 U	500,000
4-Chloroaniline	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Hexachlorobutadiene	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
bis(2-Chloroethoxy)methane	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
4-Chloro-3-Methylphenol	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
2-Methylnaphthalene	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Hexachlorocyclopentadiene	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
2,4,6-Trichlorophenol	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
2,4,5-Trichlorophenol	700 U	730 U	670 U	740 U	1,700 U	800 U	20 U	20 U	NVG
2- Chloronaphthalene	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
2-Nitroaniline	700 U	730 U	670 U	740 U	1,700 U	800 U	20 U	20 U	NVG
Dimethylphthalate	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Acenaphthylene	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	500,000
2,6-Dinitrotoluene	340 U	360 U	330 U	360 U	**2,200**	**44 J**	10 U	10 U	NVG
3-Nitroaniline	700 U	730 U	670 U	740 U	1,700 U	800 U	20 U	20 U	NVG
Acenephthene	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	500,000
2,4-Dinitrophenol	700 U	730 U	670 U	740 U	1,700 U	800 U	20 U	20 U	NVG
4-Nitrophenol	700 U	730 U	670 U	740 U	1,700 U	800 U	20 U	20 U	NVG

Notes:
U- Not detected at or above laboratory detection limits.
NVG - No Value Given.
Detections shown in bold
J- Detection under laboratory detection limits
**Bottom X is a duplicate of Fume Bot.*

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

Table 5

Analytical Results for Semi-Volatile Organic Compounds in Soil Endpoint Samples

Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	Fume A	Fume B	Fume C	Fume Bot	X Bot X*	Pipes	FB 11/16	FB 11/19	NYSDEC Restricted
Depth in Feet	2 ft.	2 ft.	2 ft.	4 ft.	4 ft.	5 in.	NA	NA	Commercial
Date Sampled	11/16/2007	11/16/2007	11/16/2007	11/16/2007	11/16/2007	11/19/2007	11/16/2007	11/19/2007	Part 375
Semi-Volatile Organic Compounds									
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/L	UG/L	UG/KG
Dibenzofuran	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	350,000
2,4-Dinitrotoluene	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Diethylphthalate	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
4-Chlorophenyl-phenylether	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Fluorene	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	500,000
4-Nitroaniline	700 U	730 U	670 U	740 U	1,700 U	800 U	20 U	20 U	NVG
4,6-Dinitro-2-methylphenol	700 U	730 U	670 U	740 U	1,700 U	800 U	20 U	20 U	NVG
N-Nitrosodiphenylamine_(1)	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
4-Bromophenyl-phenylether	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Hexachlorobenzene	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	6,000
Pentachlorophenol	700 U	730 U	670 U	740 U	1,700 U	800 U	20 U	20 U	6,700
Phenanthrene	**370**	**540**	**240 J**	**440**	**2,000**	400 U	10 U	10 U	500,000
Anthracene	**97 J**	**110 J**	**55 J**	**160 J**	**2,600**	400 U	10 U	10 U	500,000
Carbazole	**37 J**	**53 J**	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Di-n-butyl phthalate	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Fluoranthene	**940**	**1,100**	**400**	**1,600**	**9,700**	**88 J**	10 U	10 U	500,000
Pyrene	**740**	**830**	**290 J**	**1,200**	**6,400**	**110 J**	10 U	10 U	500,000
Butylbenzylphthalate	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
3,3'-Dichlorobenzidine	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Benzo (a) anthracene	**610**	**500**	**210 J**	**1,600**	**12,000**	**73 J**	10 U	10 U	5,600
Chrysene	**580**	**540**	**200 J**	**1,600**	**12,000**	**120 J**	10 U	10 U	56,000
bis(2-Ethylhexyl)phthalate	**110 J**	**40 J**	**64 J**	**58 J**	**230 J**	**4,400**	10 U	10 U	NVG
Di-n-octylphalate	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Benzo(b)fluoranthene	**850**	**580**	**240 J**	**2,300**	**13,000**	**220 J**	10 U	10 U	5,600
Benzo(k)fluoranthene	**380**	**340 J**	**140 J**	**2,000**	**12,000**	**220 J**	10 U	10 U	56,000
Benzo(a)pyrene	**670**	**480**	**210 J**	**2,300**	**13,000**	**170 J**	10 U	10 U	1,000
Indeno(1,2,3-cd)pyrene	**490**	**310 J**	**160 J**	**1,700**	**9,500**	**200 J**	10 U	10 U	5,600
Dibenzo(a,h)anthracene	**190 J**	**64 J**	**49 J**	**670**	**3,800**	**48 J**	10 U	10 U	560
Benzo(g,h,i)perylene	**560**	**360 J**	**200 J**	**1,900**	**10,000**	**270 J**	10 U	10 U	500,000
1,1'-Biphenyl	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Acentophenone	340 U	360 U	330 U	**40 J**	**110 J**	400 U	10 U	10 U	500,000
Atrazine	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 U	NVG
Benzaldehyde	**280 J**	**170 J**	330 U	**330 J**	3400	400 U	10 U	10 U	NVG
Caprolactam	340 U	360 U	330 U	360 U	830 U	400 U	10 U	10 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
Detections shown in bold
X Bottom X is a duplicate of Fume Bot.*
NA = Not Applicable
Bold and boxed indicates value is above the NYSDEC Part 375 Restricted Commercial Cleanup Value

Table 6

Analytical Results for PCB's in Soil Endpoint Samples
Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	Bottom #1	Bottom #2	Bottom X	North Wall E	North Wall W	West Wall N	West Wall N	West Wall S	West Wall S	FB 10/4	NYSDEC Restricted Commercial Part 375
Depth in Feet	13	11	11	6	6.5	6.8	3-5 Ft	6.5	3-5 Ft	NA	
Date Sampled	10/4/2007	10/4/2007	10/4/2007	10/4/2007	10/4/2007	10/4/2007	10/16/2007	10/4/2007	10/16/2007	10/4/2007	
PCB Organic Compounds											
Units	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/L	UG/KG
Aroclor 1016	39 U	38 U	39 U	36 U	36 U	37 U	38 U	37 U	40 U	1.0 U	NVG
Aroclor 1221	39 U	38 U	39 U	36 U	36 U	37 U	38 U	37 U	40 U	1.0 U	NVG
Aroclor 1232	39 U	38 U	39 U	36 U	36 U	37 U	38 U	37 U	40 U	1.0 U	NVG
Aroclor 1242	39 U	38 U	39 U	36 U	36 U	37 U	38 U	37 U	40 U	1.0 U	NVG
Aroclor 1248	39 U	38 U	39 U	36 U	36 U	37 U	38 U	37 U	40 U	1.0 U	NVG
Aroclor 1254	39 U	76	100	59	36 U	37 U	130P	37 U	40 U	1.0 U	NVG
Aroclor 1260	39 U	38 U	39 U	36 U	36 U	37 U	38 U	37 U	40 U	1.0 U	NVG

Notes:
U- Not detected at or above laboratory detection limits.
NVG - No Value Given.
**Bottom X is a duplicate of Bot #2*
Detections shown in bold
UG/KG= Micrograms per kilogram or parts per billion
UG/L= Micrograms per liter or parts per billion

Total PCB's not to exceed 1,000 UG/KG

Table 6

Analytical Results for PCB's in Soil Endpoint Samples
Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID	B1 (13 FT)	B2 (13 FT)	B3 (11 FT)	B4 (11 FT)	B5 (9 FT)	East Wall 1	XWallX	East Wall 2	East Wall 3	FB 10/23	NYSDEC Restricted Commercial Part 375
Depth in Feet	13	13	11	11	9	3-5 ft	3-5 ft	3-5 ft	3-5 ft	NA	
Date Sampled	10/23/2007	10/23/2007	10/24/2007	10/24/2007	10/24/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	
PCB Organic Compounds											
Units											UG/KG
Aroclor 1016	43 U	37 U	57 U	39 U	35 U	40 U	38 U	41 U	36 U	1.0 U	NVG
Aroclor 1221	43 U	37 U	57 U	39 U	35 U	40 U	38 U	41 U	36 U	1.0 U	NVG
Aroclor 1232	43 U	37 U	57 U	39 U	35 U	40 U	38 U	41 U	36 U	1.0 U	NVG
Aroclor 1242	43 U	37 U	57 U	39 U	35 U	40 U	38 U	41 U	36 U	1.0 U	NVG
Aroclor 1248	43 U	37 U	57 U	39 U	35 U	40 U	38 U	41 U	36 U	1.0 U	NVG
Aroclor 1254	43 U	37 U	57 U	39 U	35 U	40 U	38 U	41 U	36 U	1.0 U	NVG
Aroclor 1260	43 U	37 U	57 U	39 U	35 U	40 U	38 U	41 U	36 U	1.0 U	NVG

Notes:
U- Not detected at or above laboratory detection limits.
NVG - No Value Given.
**Bottom X is a duplicate of Bot #2*
Detections shown in bold
UG/KG= Micrograms per kilogram or parts per billion
UG/L= Micrograms per liter or parts per billion

Total PCB's not to exceed 1,000 UG/KG

Table 6

Analytical Results for PCB's in Soil Endpoint Samples
Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID Depth in Feet Date Sampled	N Wall (3-5 FT) 3-5 ft 10/24/2007	SE Wall (3-5FT) 3-5 ft 10/23/2007	SE Wall (8FT) 8 10/23/2007	SW Wall (8FT) 8ft 10/23/2007	WS WALL 5 ft 10/23/2007	FB 10/24 NA 10/24/2007	NYSDEC Restricted Commercial Part 375
PCB Organic Compounds **Units**							UG/KG
Aroclor 1016	40 U	38 U	40 U	43 U	38 U	1.0 U	NVG
Aroclor 1221	40 U	38 U	40 U	43 U	38 U	1.0 U	NVG
Aroclor 1232	40 U	38 U	40 U	43 U	38 U	1.0 U	NVG
Aroclor 1242	40 U	38 U	40 U	43 U	38 U	1.0 U	NVG
Aroclor 1248	40 U	38 U	40 U	43 U	38 U	1.0 U	NVG
Aroclor 1254	40 U	38 U	40 U	43 U	38 U	1.0 U	NVG
Aroclor 1260	40 U	38 U	40 U	43 U	38 U	1.0 U	NVG

Notes:
U- Not detected at or above laboratory detection limits.
NVG - No Value Given.
**Bottom X is a duplicate of Bot #2*
Detections shown in bold
UG/KG= Micrograms per kilogram or parts per billion
UG/L= Micrograms per liter or parts per billion

Total PCB's not to exceed 1,000 UG/KG

Table 6

Analytical Results for PCB's in Soil Endpoint Samples
Empire State Varnish
38 Varick Street, Brooklyn, New York

Sample ID Depth in Feet Date Sampled	Fume A 2 ft. 11/16/2007	Fume B 2 ft. 11/16/2007	Fume C 2 ft. 11/16/2007	Fume Bot 4 ft. 11/16/2007	X Bot X 4 ft. 11/16/2007	Pipes 5 in. 11/19/2007	FB 11/16 NA 11/16/2007	FB 11/19 NA 11/19/2007	NYSDEC Restricted Commercial Part 375
PCB Organic Compounds **Units**	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/L	UG/L	UG/KG
Aroclor 1016	34 U	37 U	33 U	37 U	42 U	33 U	1.0 U	1.0 U	NVG
Aroclor 1221	34 U	37 U	33 U	37 U	42 U	33 U	1.0 U	1.0 U	NVG
Aroclor 1232	34 U	37 U	33 U	37 U	42 U	33 U	1.0 U	1.0 U	NVG
Aroclor 1242	34 U	37 U	33 U	37 U	42 U	33 U	1.0 U	1.0 U	NVG
Aroclor 1248	34 U	37 U	33 U	37 U	42 U	33 U	1.0 U	1.0 U	NVG
Aroclor 1254	34 U	37 U	33 U	37 U	42 U	**120**	1.0 U	1.0 U	NVG
Aroclor 1260	34 U	37 U	33 U	37 U	42 U	33 U	1.0 U	1.0 U	NVG

Notes:
U- Not detected at or above laboratory detection limits.
NVG - No Value Given.
Detections shown in bold
UG/KG= Micrograms per kilogram or parts per billion
UG/L= Micrograms per liter or parts per billion
NA = Not Applicable
**Bottom X is a duplicate of Fume Bot.*

Total PCB's not to exceed 1,000 UG/KG

Table 7

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

Sample ID	Bottom #1	Bottom #2	Bottom #2	Bottom X	North Wall E	North Wall W	North Wall W	West Wall N	West Wall N	West Wall S	West Wall S	FB 10/4	NYSDEC Restricted Commercial	NYSDEC Industrial
Depth in Feet	13	11	15.5	11	6	6.5	3-5 ft	6.8	3-5ft	6.5	3-5ft	NA	Part 375	Part 375
Date Sampled	10/4/2007	10/4/2007	10/15/2007	10/4/2007	10/4/2007	10/4/2007	10/24/2007	10/4/2007	10/16/2007	10/4/2007	10/16/2007	10/4/2007		
Metals Inorganic Analytes														
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	UG/L	MG/KG	MG/KG
Arsenic	1.4	15.7	9.6E	**16.7**	8.3	5.5	9.6N	4.30	**24.4 E**	8.5	**24.3 E**	2.5	16	16
Barium	92.1	360	35.4E	**564**	124	94.4	175N*	68.8	73.8 E	95.4	92.0 E	11.0	400	10,000
Cadmium	0.33	1.8	NA	1.3	0.29	0.29	0.57	0.200	1.4 E	0.13	1.5 E	0.11	9.3	60
Chromium	24.0 N*	37.5	NA	56.0 N*	55.1 N*	16.4 N*	28.2	12.3 N*	15.4 E	13.7N*	31.5 E	0.22	NVG	NVG
Lead	53.3	**1,880**	**24.8**	**2,000**	220	157	622E*	107	47.4 N*E	161	32.3 N*E	1.2	1,000	3,900
Mercury	0.25	0.60	NA	0.58	0.32	0.29	0.40	0.190	0.077	0.27	0.10	0.11	2.8	5.7
Selenium	2.1	2.9	NA	2.3	1.6	2.1	0.092N	1.40	0.10	1.9	0.10	5.2	1,500	6,800
Silver	0.033 U	0.033 U	NA	0.033 U	0.026	0.027 U	3.5E	0.027 U	0.032 N	0.029 U	0.032 N	1.2	1,500	6,800

Notes:
MG/KG - milligram per kilogram or parts per million
NVG- No value Given
**Bottom X is a duplicate of Bot #2*
U- Not detected at or above laboratory detection limits.
UG/L = micrograms per liter or parts per billion
N = Spike recoveries outside limits for this compound*
Bold and boxed indicates compound is above NYSDEC Restricted Commercial Limits.
E - Estimated concentration

Table 7

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

Sample ID	B1 (13 FT)	B2 (13 FT)	B3 (11 FT)	B3 (13 FT)	B4 (11 FT)	B5 (9 FT)	East Wall 1	XWALLX	East Wall 2	East Wall 3	FB 10/23	NYSDEC Restricted Commercial Part 375	NYSDEC Industrial Part 375
Depth in Feet	13	13	11	13	11	9	3-5 ft	5 ft	3-5 ft	3-5 ft	NA		
Date Sampled	10/23/2007	10/23/2007	10/24/2007	10/29/2007	11/24/2007	10/24/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007	10/23/2007		
Metals Inorganic Analytes													
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Arsenic	2.4 N	1.6 N	**29.3 N**	1.5	9.2 N	5.2 E	5.7 N	5.1 N	5.9 E	4.4 E	2.5	16	16
Barium	38.1 N*	25.1 N*	104 N*	NA	72.2 N*	59.9 N*	132 N*	98.3 N*	96.5 N*	325 N*	11.0	400	10,000
Cadmium	0.38	0.43	2.2	NA	2.8	0.31	0.27	0.24	0.64	0.38	0.11	9.3	60
Chromium	9.7 *	8.2 *	18.5 *	NA	9.2 *	11.1 E	9.9 *	9.7	12.0 E	15.3 E	0.49	NVG	NVG
Lead	22.6 *E	92.0 *E	245 *E	NA	595 *E	98.9 E	143 *E	127 *E	128 E	294 E	7.9	1,000	3,900
Mercury	0.22	0.061	0.44	NA	0.26	0.20 N	**49.7**	**60.5**	0.27 N	0.81 N	0.11	2.8	5.7
Selenium	0.10 N	0.092 N	0.14 N	NA	0.10 N	0.092 N	0.094 N	0.096 N	0.12 N	0.098 N	5.2	1,500	6,800
Silver	2.4 E	2.4 E	5.5 E	NA	2.2 E	3.0	3.8 E	3.8 E	3.1	3.4	1.2	1,500	6,800

Notes:
MG/KG - milligram per kilogram or parts per million
NVG- No value Given
U- Not detected at or above laboratory detection limits.
UG/L = micrograms per liter or parts per billion
N = Spike recoveries outside limits for this compound*
Bold and boxed indicates compound is above NYSDEC Restricted Commercial Limits.
E - Estimated concentration

Table 7

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

Sample ID Depth in Feet Date Sampled	N Wall (3-5 FT) 3-5 ft 10/24/2007	SE Wall (3-5FT) 3-5 ft 10/23/2007	SE Wall (8FT) 8 10/23/2007	SW Wall (8FT) 8ft 10/23/2007	WS WALL 5 ft 10/23/2007	FB 10/24 NA 10/24/2007	NYSDEC Restricted Commercial Part 375	NYSDEC Industrial Part 375
Metals Inorganic Analytes **Units**							MG/KG	MG/KG
Arsenic	7.0 E	6.1 N	3.8 N	3.4 N	**19.6 N**	2.5	16	16
Barium	304 N*	193 N*	77.4 N*	40.5N*	296 N*	11.0	400	10,000
Cadmium	1.8	1.8	0.22	0.30	0.48	0.11	9.3	60
Chromium	79.0 E	120 *	10.4 *	8.4 *	183 *	0.22	NVG	NVG
Lead	660 E	410 *E	86.1 *E	37.2 *E	817 *E	1.4	1,000	3,900
Mercury	0.64 N	**17.4**	0.18	0.062	0.29	0.11	2.8	5.7
Selenium	0.093 N	0.095 N	0.091 N	0.11 N	0.10 N	5.2	1,500	6,800
Silver	4.6	6.8 E	2.4 E	2.5 E	4.8 E	1.2	1,500	6,800

Notes:
MG/KG - milligram per kilogram or parts per million
NVG- No value Given
U- Not detected at or above laboratory detection limits.
UG/L = micrograms per liter or parts per billion
N = Spike recoveries outside limits for this compound*
Bold and boxed indicates compound is above NYSDEC Restricted Commercial Limits.
E - Estimated concentration

Table 7

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

Sample ID	Fume A	Fume B	Fume C	Fume Bot	X Bot X	Pipes	FB 11/16	FB 11/19	NYSDEC Restricted Commercial Part 375	NYSDEC Restricted Industrial Part 375
Depth in Feet	2 ft.	2 ft.	2 ft.	4 ft.	4 ft.	5 in.	NA	NA		
Date Sampled	11/16/2007	11/16/2007	11/16/2007	11/16/2007	11/16/2007	11/19/2007	11/16/2007	11/19/2007		
Metals Inorganic Analytes										
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/L	MG/L	MG/KG	MG/KG
Arsenic	4.2	2.7	3.9	8.1	**19.8**	13.1	2.5 U	3.0 U	16	16
Barium	271 *	68.5 *	**699***	**1,170 ***	**3,540 ***	**608 ***	11.0 U	11.0 U	400	10,000
Cadmium	0.66 E	0.26 E	0.24 E	1.7 E	6.6 E	6.6 E	0.11 U	0.11 U	9.3	60
Chromium	9.9 N*	5.7 N*	13.8 N*	32.5 N*	108 N*	30.7 N*	0.25 B	0.23 B	NVG	NVG
Lead	**1,450**	135	119	**1,600**	**8,250**	**1,820**	1.2 U	1.2 U	1,000	3,900
Mercury	0.092 N*	0.71 N*	0.53 N*	0.10 N*	0.34 N*	2.2 N*	0.11 U	0.11 U	2.8	5.7
Selenium	0.10 UN	0.10 UN	0.079 UN	0.10 UN*	0.12 UN	0.097 N	5.2 U	5.2 U	1,500	6,800
Silver	2.1	0.90 B	1.2	2.9	4.4	7.1	1.2 U	1.2 U	1,500	6,800

Notes:
MG/KG - milligram per kilogram or parts per million
NVG- No value Given
**Bottom X is a duplicate of Fume Bot.*
U- Not detected at or above laboratory detection limits.
UG/L = micrograms per liter or parts per billion
N = Spike recoveries outside limits for this compound*
Bold and boxed indicates compound is above NYSDEC Restricted Commercial Limits.
E - Estimated concentration
NA = Not Applicable

Table 8

Analytical Results for Lead and Barium in Soil
Beneath Former Fume Scrubber
Empire State Varnish
38 Varick Street, Brooklyn, New York

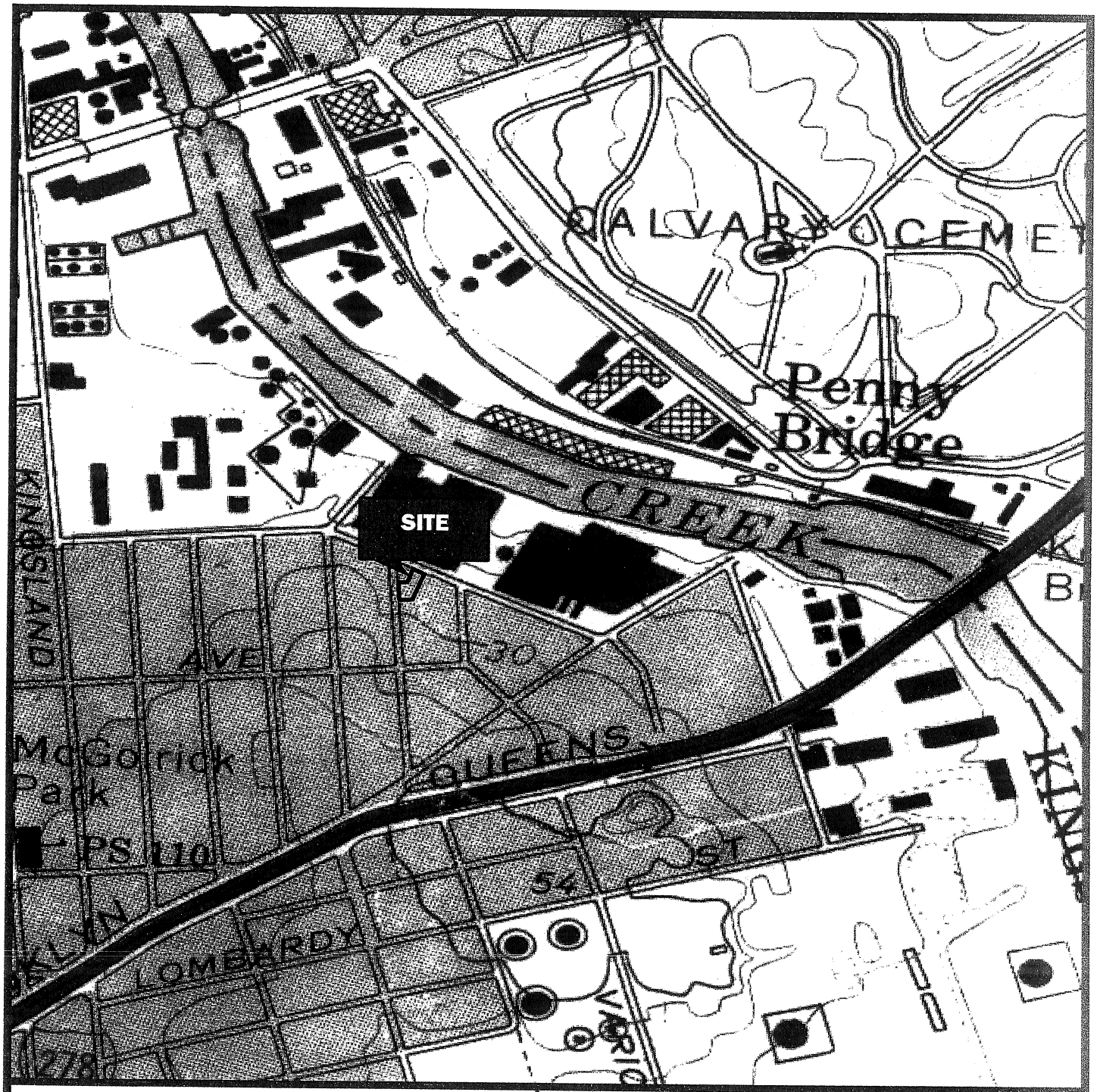
Sample ID	Bot A	Bot A	Bot B	Bot B	Bot C	Bot C	NYSDEC Restricted
Depth in Feet	4.5 ft.	5.5 ft.	4.5 ft.	5.5 ft.	4.5 ft.	5.5 ft.	Commercial
Date Sampled	12/11/2007	12/11/2007	12/11/2007	12/11/2007	12/11/2007	12/11/2007	Part 375
Metals Inorganic Analytes							
Units	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Barium	39.2	45.4	**951**	60.4	43.6	28.8	400
Lead	3.3	25.6	**1,710**	29.4	34.4	3.9	1,000

Notes:

MG/KG - milligram per kilogram or parts per million

Bold indicates compound is above NYSDEC Restricted Commercial Limits.

Figures



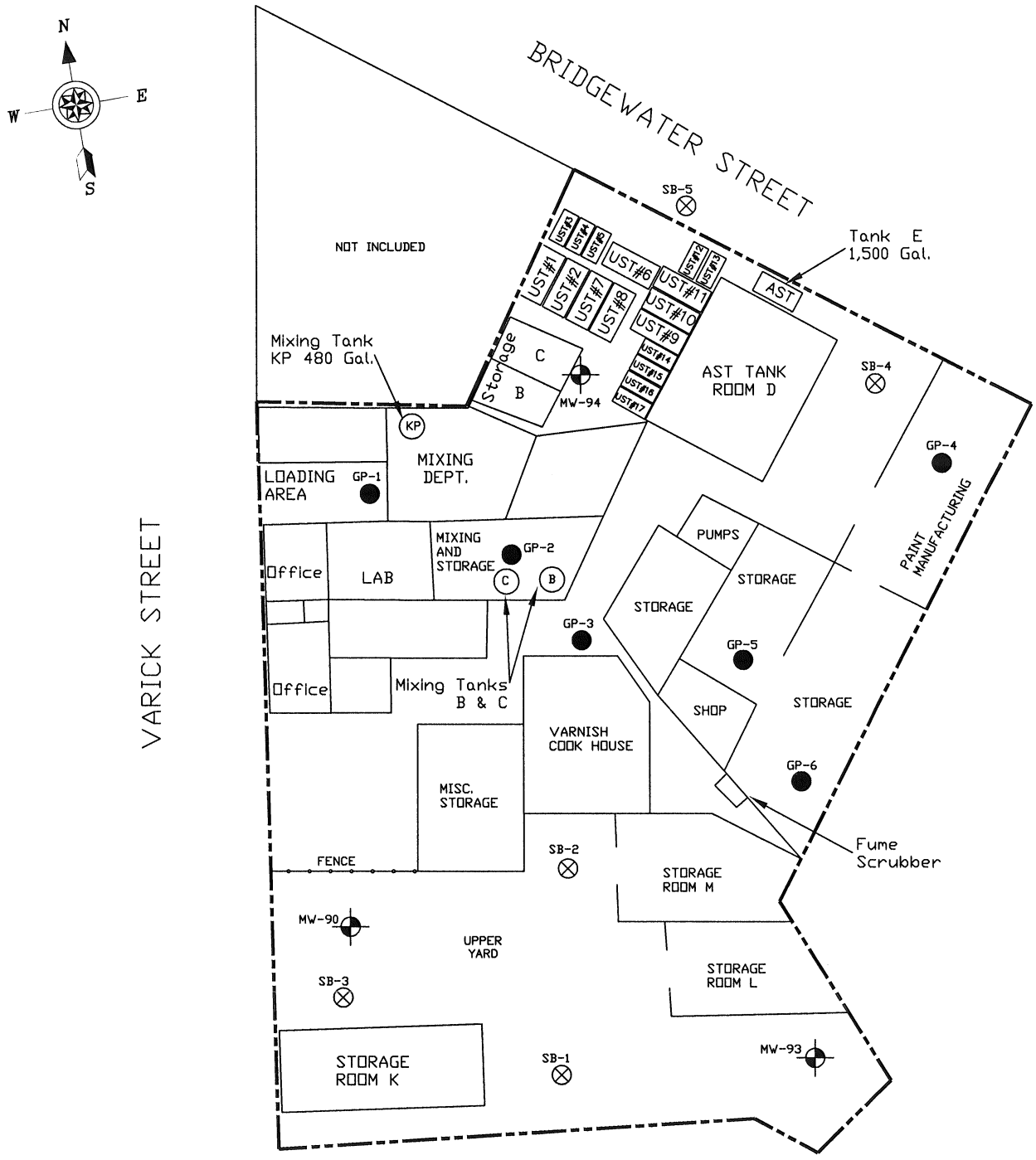
APPROX. SCALE (ft.)

0 1,000 2,000 N

Adapted from Topographic quad for Brooklyn 1979.

CA RICH CONSULTANTS, INC.
Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, NY 11803

TITLE: **PROPERTY LOCATION MAP**		DATE: **9/1/05**
		SCALE: **AS SHOWN**
FIGURE: **1**	**Empire State Varnish** **38 Varick Street** **Brooklyn, New York**	DRAWN BY: **STM**
DRAWING:		APPR. BY: **C.A.R.**



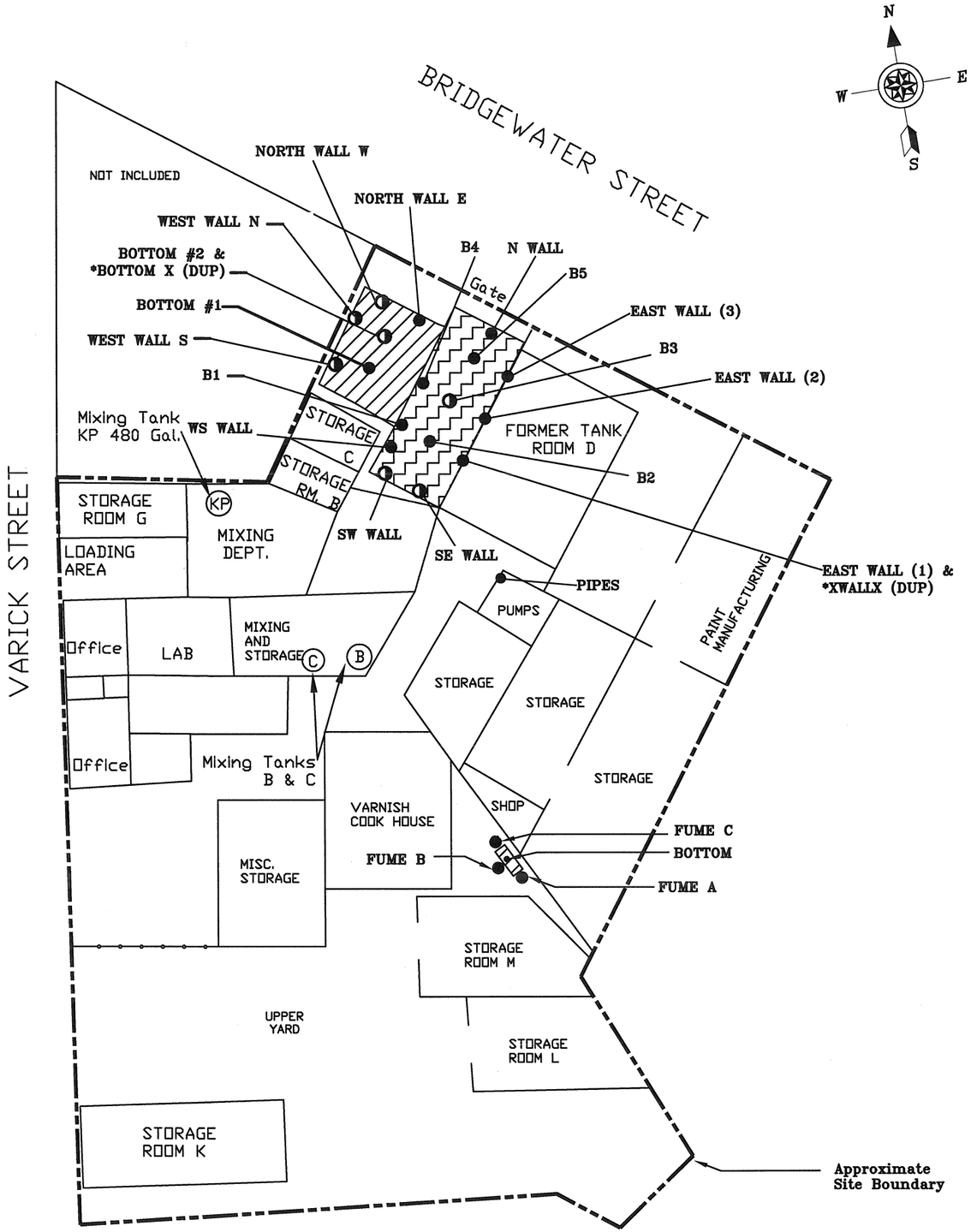
LEGEND

- CA Rich Soil Boring Location
- ExxonMobil Monitoring Well
- Previous Soil Boring Location Roux Associates
- Approximate Property Boundary

CA RICH CONSULTANTS, INC.

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

TITLE: SITE PLAN & SAMPLING LOCATIONS SPRING 2007		DATE: 1/17/08
		SCALE: AS SHOWN
FIGURE: 2	EMPIRE STATE VARNISH 38 VARICK STREET BROOKLYN, NEW YORK	DRAWN BY: D.H.W.
DRAWING NO: 2006-33B		APPR. BY: S.T.M.



LEGEND

● = Soil Endpoint Sample and Designation

◑ = Soil Sample Location With Multiple Depths

▨ = Extent of Initial Excavation 10/4/2007

▨ = Extent of Expanded Excavation 10/24/2007

* = Duplicate Soil Sample for QA/QC Purposes

Graphic Scale In Feet

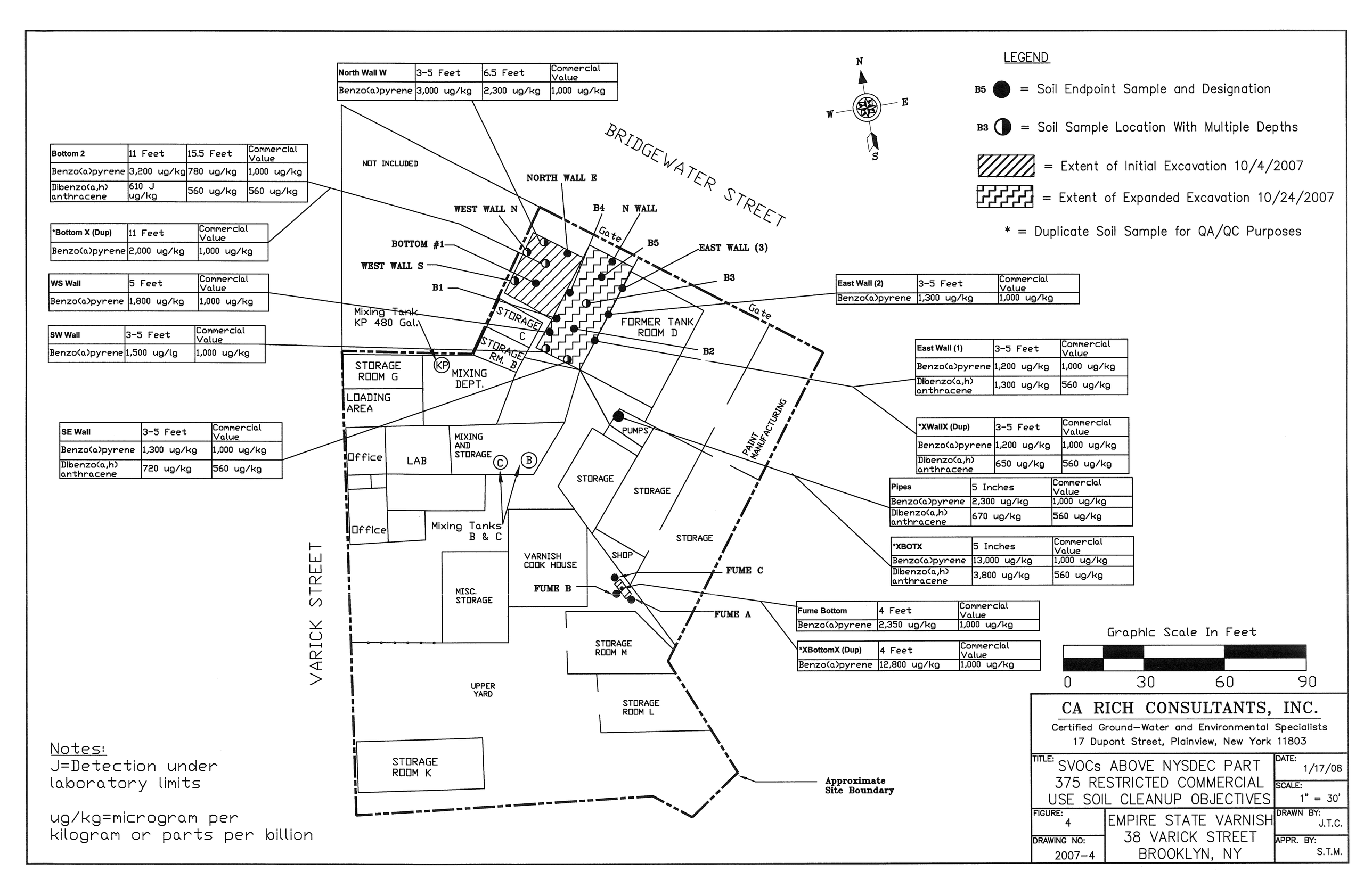
0 30 60 90

CA RICH CONSULTANTS, INC.

Certified Ground–Water and Environmental Specialists

17 Dupont Street, Plainview, New York 11803

TITLE: SITE PLAN & ENDPOINT SAMPLING LOCATIONS FALL 2007		DATE: 12/6/2007
		SCALE: 1" = 30'
FIGURE: 3	EMPIRE STATE VARNISH 38 VARICK STREET BROOKLYN, NY	DRAWN BY: J.T.C.
DRAWING NO: 2007–3		APPR. BY: S.T.M.



North Wall W	3-5 Feet	6.5 Feet	Commercial Value
Benzo(a)pyrene	3,000 ug/kg	2,300 ug/kg	1,000 ug/kg

Bottom 2	11 Feet	15.5 Feet	Commercial Value
Benzo(a)pyrene	3,200 ug/kg	780 ug/kg	1,000 ug/kg
Dibenzo(a,h) anthracene	610 J ug/kg	560 ug/kg	560 ug/kg

*Bottom X (Dup)	11 Feet	Commercial Value
Benzo(a)pyrene	2,000 ug/kg	1,000 ug/kg

WS Wall	5 Feet	Commercial Value
Benzo(a)pyrene	1,800 ug/kg	1,000 ug/kg

SW Wall	3-5 Feet	Commercial Value
Benzo(a)pyrene	1,500 ug/lg	1,000 ug/kg

SE Wall	3-5 Feet	Commercial Value
Benzo(a)pyrene	1,300 ug/kg	1,000 ug/kg
Dibenzo(a,h) anthracene	720 ug/kg	560 ug/kg

East Wall (2)	3-5 Feet	Commercial Value
Benzo(a)pyrene	1,300 ug/kg	1,000 ug/kg

East Wall (1)	3-5 Feet	Commercial Value
Benzo(a)pyrene	1,200 ug/kg	1,000 ug/kg
Dibenzo(a,h) anthracene	1,300 ug/kg	560 ug/kg

*XWallX (Dup)	3-5 Feet	Commercial Value
Benzo(a)pyrene	1,200 ug/kg	1,000 ug/kg
Dibenzo(a,h) anthracene	650 ug/kg	560 ug/kg

Pipes	5 Inches	Commercial Value
Benzo(a)pyrene	2,300 ug/kg	1,000 ug/kg
Dibenzo(a,h) anthracene	670 ug/kg	560 ug/kg

*XBOTX	5 Inches	Commercial Value
Benzo(a)pyrene	13,000 ug/kg	1,000 ug/kg
Dibenzo(a,h) anthracene	3,800 ug/kg	560 ug/kg

Fume Bottom	4 Feet	Commercial Value
Benzo(a)pyrene	2,350 ug/kg	1,000 ug/kg

*XBottomX (Dup)	4 Feet	Commercial Value
Benzo(a)pyrene	12,800 ug/kg	1,000 ug/kg

LEGEND

B5 ● = Soil Endpoint Sample and Designation

B3 ◑ = Soil Sample Location With Multiple Depths

▨ = Extent of Initial Excavation 10/4/2007

▨ = Extent of Expanded Excavation 10/24/2007

* = Duplicate Soil Sample for QA/QC Purposes

Graphic Scale In Feet

0 30 60 90

Notes:
J=Detection under laboratory limits

ug/kg=microgram per kilogram or parts per billion

CA RICH CONSULTANTS, INC.
Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: SVOCs ABOVE NYSDEC PART 375 RESTRICTED COMMERCIAL USE SOIL CLEANUP OBJECTIVES

DATE: 1/17/08

SCALE: 1" = 30'

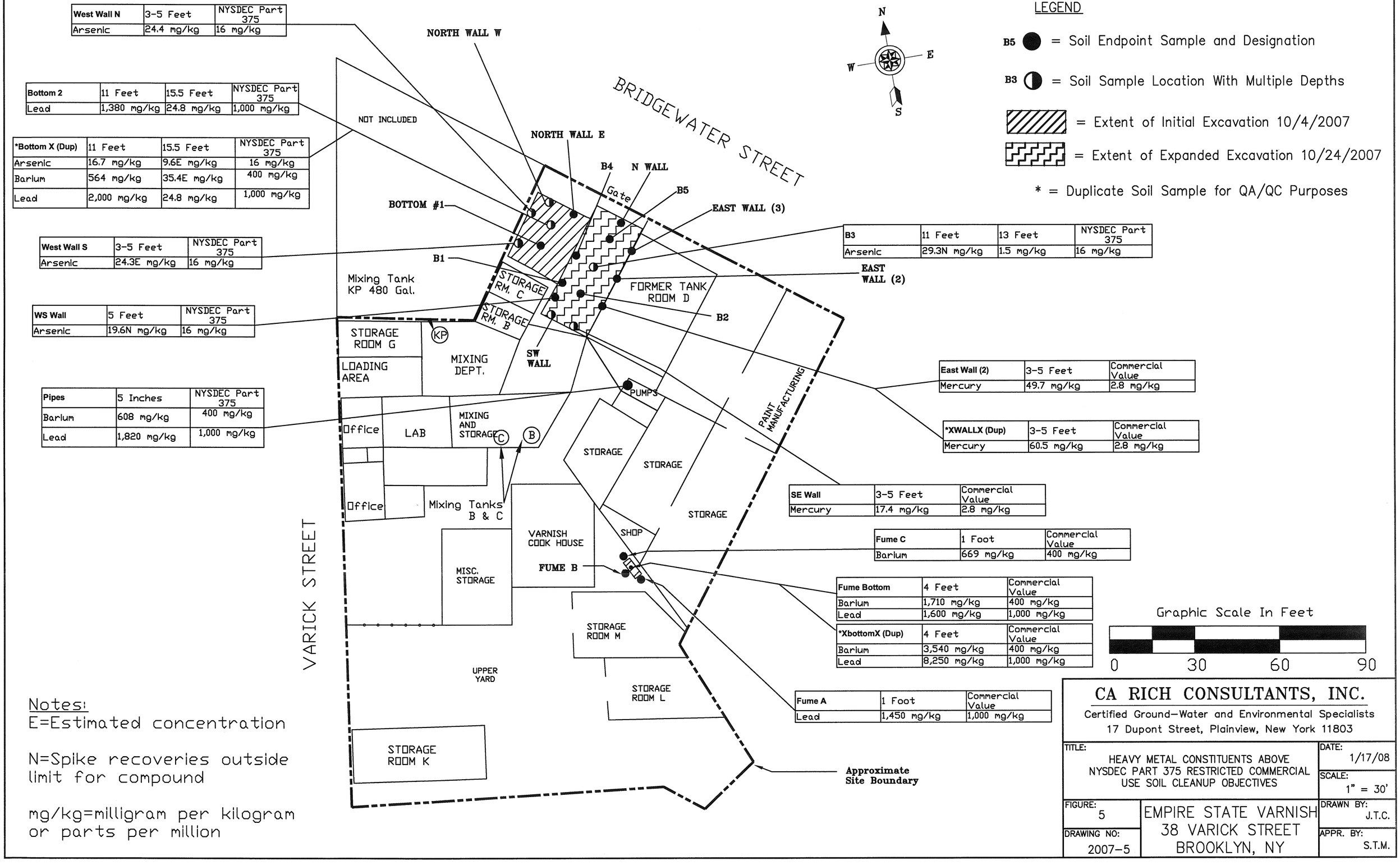
FIGURE: 4

DRAWING NO: 2007-4

EMPIRE STATE VARNISH
38 VARICK STREET
BROOKLYN, NY

DRAWN BY: J.T.C.

APPR. BY: S.T.M.



West Wall N	3-5 Feet	NYSDEC Part 375
Arsenic	24.4 mg/kg	16 mg/kg

Bottom 2	11 Feet	15.5 Feet	NYSDEC Part 375
Lead	1,380 mg/kg	24.8 mg/kg	1,000 mg/kg

*Bottom X (Dup)	11 Feet	15.5 Feet	NYSDEC Part 375
Arsenic	16.7 mg/kg	9.6E mg/kg	16 mg/kg
Barium	564 mg/kg	35.4E mg/kg	400 mg/kg
Lead	2,000 mg/kg	24.8 mg/kg	1,000 mg/kg

West Wall S	3-5 Feet	NYSDEC Part 375
Arsenic	24.3E mg/kg	16 mg/kg

WS Wall	5 Feet	NYSDEC Part 375
Arsenic	19.6N mg/kg	16 mg/kg

Pipes	5 Inches	NYSDEC Part 375
Barium	608 mg/kg	400 mg/kg
Lead	1,820 mg/kg	1,000 mg/kg

B3	11 Feet	13 Feet	NYSDEC Part 375
Arsenic	29.3N mg/kg	1.5 mg/kg	16 mg/kg

East Wall (2)	3-5 Feet	Commercial Value
Mercury	49.7 mg/kg	2.8 mg/kg

*XWALLX (Dup)	3-5 Feet	Commercial Value
Mercury	60.5 mg/kg	2.8 mg/kg

SE Wall	3-5 Feet	Commercial Value
Mercury	17.4 mg/kg	2.8 mg/kg

Fume C	1 Foot	Commercial Value
Barium	669 mg/kg	400 mg/kg

Fume Bottom	4 Feet	Commercial Value
Barium	1,710 mg/kg	400 mg/kg
Lead	1,600 mg/kg	1,000 mg/kg

*XbottomX (Dup)	4 Feet	Commercial Value
Barium	3,540 mg/kg	400 mg/kg
Lead	8,250 mg/kg	1,000 mg/kg

Fume A	1 Foot	Commercial Value
Lead	1,450 mg/kg	1,000 mg/kg

LEGEND

B5 ● = Soil Endpoint Sample and Designation

B3 ◑ = Soil Sample Location With Multiple Depths

▨ = Extent of Initial Excavation 10/4/2007

▨ = Extent of Expanded Excavation 10/24/2007

* = Duplicate Soil Sample for QA/QC Purposes

Graphic Scale In Feet

0 30 60 90

Notes:
E=Estimated concentration

N=Spike recoveries outside limit for compound

mg/kg=milligram per kilogram or parts per million

CA RICH CONSULTANTS, INC.

Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: HEAVY METAL CONSTITUENTS ABOVE NYSDEC PART 375 RESTRICTED COMMERCIAL USE SOIL CLEANUP OBJECTIVES

DATE: 1/17/08

SCALE: 1" = 30'

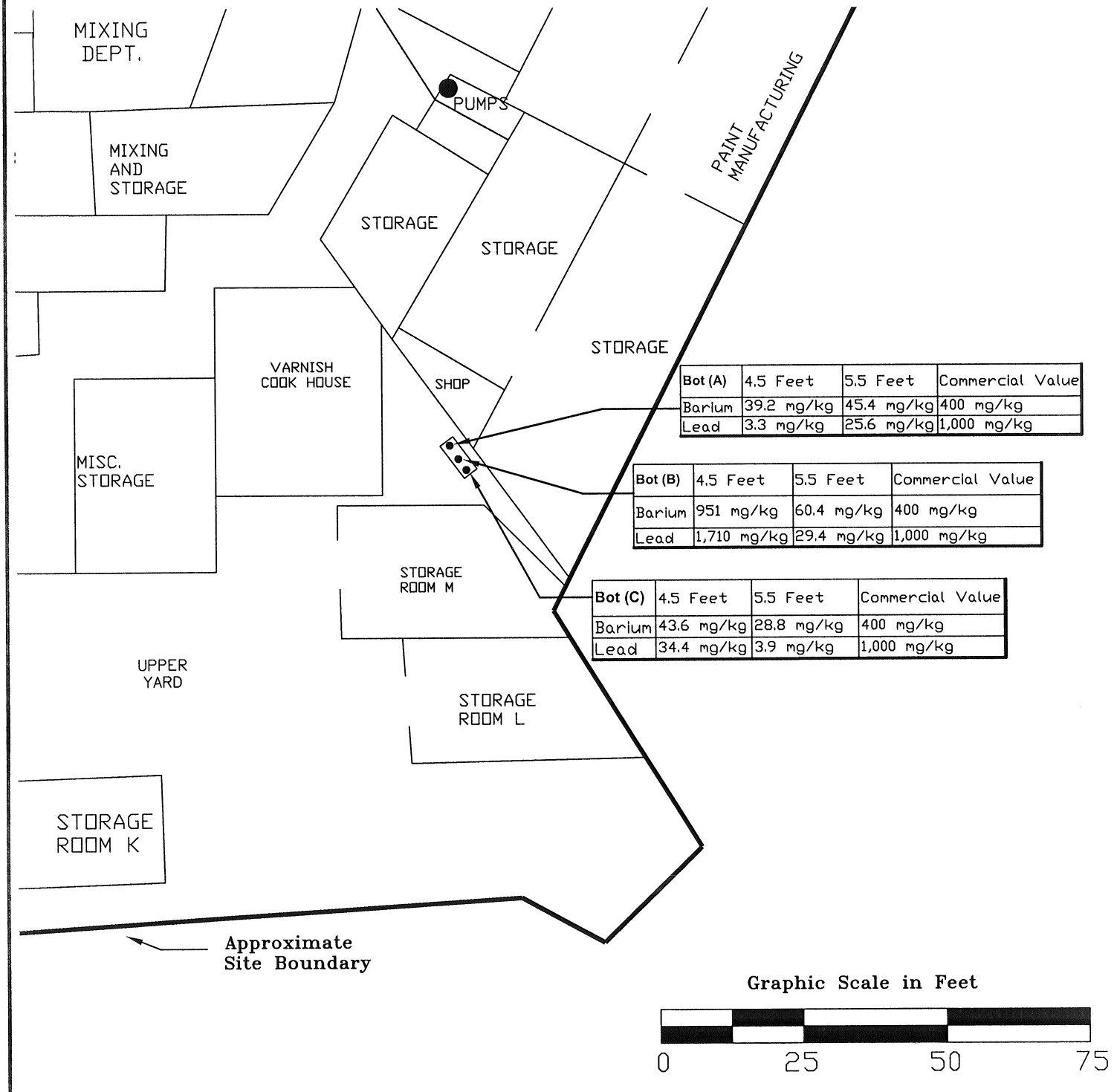
FIGURE: 5

DRAWING NO: 2007-5

EMPIRE STATE VARNISH
38 VARICK STREET
BROOKLYN, NY

DRAWN BY: J.T.C.

APPR. BY: S.T.M.



Bot (A)	4.5 Feet	5.5 Feet	Commercial Value
Barium	39.2 mg/kg	45.4 mg/kg	400 mg/kg
Lead	3.3 mg/kg	25.6 mg/kg	1,000 mg/kg

Bot (B)	4.5 Feet	5.5 Feet	Commercial Value
Barium	951 mg/kg	60.4 mg/kg	400 mg/kg
Lead	1,710 mg/kg	29.4 mg/kg	1,000 mg/kg

Bot (C)	4.5 Feet	5.5 Feet	Commercial Value
Barium	43.6 mg/kg	28.8 mg/kg	400 mg/kg
Lead	34.4 mg/kg	3.9 mg/kg	1,000 mg/kg

Graphic Scale in Feet

0 25 50 75

LEGEND

● = Soil sample location

mg/kg = ppm or parts per million

Sample ID	Sample Depth	Sample Depth	Commercial Cleanup Objective
Compound	Concentration in ppm	Concentration in ppm	Concentration in ppm

CA RICH CONSULTANTS, INC.

Certified Ground-Water and Environmental Specialists

17 Dupont Street, Plainview, New York 11803

TITLE: LEAD AND BARIUM CONCENTRATIONS IN THE SOILS BENEATH THE FUME SCRUBBER		DATE: 1/17/2008
		SCALE: 1" = 25'
FIGURE: 6	EMPIRE STATE VARNISH 38 VARICK STREET BROOKLYN, NY	DRAWN BY: J.T.C.
DRAWING NO: 2007-6		APPR. BY: S.T.M.

Appendix A

Non-Hazardous Solid Waste Manifests

CleanVenture/CycleChem

CVCC 103147

The Environmental Services Source

NON-HAZARDOUS SOLID WASTE

WD78317

BILL OF LADING

Page 1 of 1 — 24 Hour Emergency Number (908) 354-0210

GENERATOR

Generator's Name and Mailing Address: EMPIRE STATE VARNISH CO. INC.
38 Varick Street
Brooklyn, NY 11222
Generator's Phone: (718) 388-5450

BOL

SAME

Transporter 1 Company Name: CLEAN VENTURE INC.
State Trans. ID-NJDEPE: 16255
Decal No.: 41001
Transporter's Phone: (908) 355-5800

Transporter 2 Company Name:
State Trans. ID-NJDEPE:
Decal No.:
Transporter's Phone:

Designated Facility Name and Site Address: Cycle Chem Inc.
217 South First Street
Elizabeth, NJ 07206
10. US EPA ID Number: NJ D 0 9 2 2 0 0 4 8

Facility's Phone: (908) 355 5800

US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)	Containers No.	Containers Type	Total Quantity	Unit Wt/Vol	Waste No
a. Chemical Process Solid Non-RCRA Non-DOT	XX1	M	25 (27,260#)	Y	1027
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

a. c.

b. d.

CCI Generator # and Product Codes: 934073/-1/78317/223057 Non Haz Materials (1)WB2-10 Non Haz Materials

9513

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and are non-hazardous by USEPA & applicable state regulations.

PLACARDS REQUIRED — PLACARDS SUPPLIED ☐ YES ☐ NO- FURNISHED BY CARRIER

Printed/Typed Name: RICHARD M STARK — Signature: Richard M Stark — Month Day Year: 8 23 07

TRANSPORTER

Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Stephen Ventola — Signature: Stephen Ventola — Month Day Year: 8 23 07

Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: — Signature: — Month Day Year:

FACILITY

Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest.
Printed/Typed Name: HELEN ELLIS — Signature: Helen Ellis — Month Day Year: 08 29 07

SIGNATURE AND INFORMATION *MUST* BE LEGIBLE ON ALL COPIES

COPY 1 - WHITE - GENERATOR COPY 2 - PINK - TRANSPORTER COPY 3 - BLUE - CycleChem COPY 4 - CANARY - FACILITY

CycleChem

Recycling Treatment & Disposal of Hazardous Waste

January 15,2008

Richard Stark
ESV REMEDIATION, LLC
38 Varick Street
Brooklyn, NY 11222

Broker:Richard Stark
ESV REMEDIATION, LLC
38 Varick Street
Brooklyn, NY 11222

Re: Certificate of Disposal
EMPIRE STATE VARNISH CO. INC.
38 Varick Street
Brooklyn, NY 11222

Dear Sir/Madam:

This letter is to certify that Cycle Chem, Inc. EPA ID No. NJD002200046 has accepted and processed the following shipments.

This acceptance is In accordance with all State & Federal Regulations and with the requirements Set forth In Cycle Chem's Hazardous Waste Facility Permit.

Prod Code	Manifest In	Date In	Manifest Out	Date Out	Sent	Disposal Facility	Disposal Method
off-spec (orig)							
WB2	CVCC103147	08/29/2007	BOL053831A	08/30/2007	1 x CM	Wheelabrator Falls, Inc.	incineration

If there are any further questions about the disposal of your waste, please do not hesitate to call.

Sincerely

Rick Otto

Rick Otto
General Manager

New Jersey TSDF:
217 South First Street
Elizabeth, NJ 07206
908-355-5800
FAX: 908-355-0562

Corporate Office:
201 South First Street
Elizabeth, NJ 07206
908-355-5800
FAX: 908-355-3495

Pennsylvania TSDF:
550 Industrial Drive
Lewisberry, PA 17339
717-938-4700
Fax: 717-938-3301

Massachusetts TSDF:
General Chemical
138 Leland Street
Framingham, MA 01702
508-872-5000
FAX: 508-875-5271

www.cyclechem.com

Printed on Recycled Paper

Jan. 15. 2008 2:07PM CYCLE CHEM 19083550562 NO. 1997

CleanVenture/CycleChem

CVCC 103231

NON-HAZARDOUS SOLID WASTE

The Environmental Services Source

WO# 78614

BILL OF LADING

Page 1 of 1 — 24 Hour Emergency Number (908) 354-0210

BOL 1116325

Generator's Name and Mailing Address: ESV REMEDIATION, LLC
38 Varick Street
Brooklyn, NY 11222
Generator's Phone: (718) 388-5450

SAME

Transporter 1 Company Name: CLEANVENTURE, INC.
State Trans. ID-NJDEPE: 16755
Decal No.: 01084
Transporter's Phone: (908) 355-5800

Transporter 2 Company Name:
State Trans. ID-NJDEPE:
Decal No.:
Transporter's Phone ( )

Designated Facility Name and Site Address: Cycle Chem Inc.
217 South First Street
Elizabeth, NJ 07206
10. US EPA ID Number: NJDDD2B2DDDDA6
Facility's Phone: (908) 355-5800

	US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)	Containers No.	Containers Type	Total Quantity	Unit Wt/Vol	Waste No.
a.	Chemical Process Solid Non-RCRA Non-DOT	X1	C M	25Y	P	ID27
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above

a. c.

b. d.

CCI Generator # and Product Codes: 934073/-1/78563/223334 Non Haz Materials (1)NB2-10 Non Haz Materials

Box 2526

934073

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and are non-hazardous by USEPA & applicable state regulations.

PLACARDS REQUIRED — PLACARDS SUPPLIED ☐ YES ☐ NO- FURNISHED BY CARRIER

GENERATOR

Printed/Typed Name: RICHARD M STARK — Signature: Richard M Stark — Month 8 Day 31 Year 07

TRANSPORTER

Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JOSEPH MARR — Signature: — Month 8 Day 31 Year 07

Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest.

Printed/Typed Name: Kevin Gibson — Signature: — Month 9 Day 1 Year 07

SIGNATURE AND INFORMATION *MUST* BE LEGIBLE ON ALL COPIES

COPY 1 - WHITE - GENERATOR COPY 2 - PINK - TRANSPORTER COPY 3 - BLUE - CycleChem COPY 4 - CANARY - FACILITY

CycleChem

Recycling Treatment & Disposal of Hazardous Waste

January 15,2008

Richard Stark
ESV REMEDIATION, LLC
38 Varick Street
Brooklyn, NY 11222

Broker:Richard Stark
ESV REMEDIATION, LLC
38 Varick Street
Brooklyn, NY 11222

Re: Certificate of Disposal
ESV REMEDIATION, LLC
38 Varick Street
Brooklyn, NY 11222

Dear Sir/Madam:

This letter is to certify that Cycle Chem, Inc. EPA ID No. NJD002200046 has accepted and processed the following shipments.

This acceptance is In accordance with all State & Federal Regulations and with the requirements Set forth In Cycle Chem's Hazardous Waste Facility Permit.

Prod Code	Manifest In	Date In	Manifest Out	Date Out	Sent	Disposal Facility	Disposal Method
**off-spec (orig)*							
WB2	CVCC103231	09/08/2007	BOL053909A	09/10/2007	1 x CM	Wheelabrator Falls, Inc.	incineration

If there are any further questions about the disposal of your waste, please do not hesitate to call.

Sincerely

Rick Otto

Rick Otto
General Manager

New Jersey TSDF:
217 South First Street
Elizabeth, NJ 07206
908-355-5800
FAX: 908-355-0562

Corporate Office:
201 South First Street
Elizabeth, NJ 07206
908-355-5800
FAX: 908-355-3495

Pennsylvania TSDF:
550 Industrial Drive
Lewisberry, PA 17339
717-938-4700
Fax: 717-938-3301

Massachusetts TSDF:
General Chemical
138 Leland Street
Framingham, MA 01702
508-872-5000
FAX: 508-875-5271

www.cyclechem.com

Printed on Recycled Paper

Jan. 15. 2008 2:07PM CYCLE CHEM 19083595062 No. 1997

Appendix B

Hazardous Waste Manifests
for Drums transported to CycleChem
on September 5, 2007 and September 25, 2007

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD001255113	1	(908) 354-0210	001033738 JJK

5. Generator's Name and Mailing Address: Empire State Varnish Co. Inc.
38 Varick Street
Brooklyn, NY 11222
Generator's Phone: (718) 388-5450

5. Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: CLEAN VENTURE INC. — U.S. EPA ID Number: NJ0000027193

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Cycle Chem Inc.
217 South First Street
Elizabeth, NJ 07206
Facility's Phone: (908) 558-5800 — U.S. EPA ID Number: NJD002200046

9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. Paint 3 UN1263 PG III ERG# 128	1	D M	55	G	D001	B	
X	2. Waste Paint 3 UN1263 PG III ERG# 128	30	D M	1650	G	D001		
X	3. Waste Paint 3 UN1263 PG III ERG# 128	60	D M	3300	G	D001	B	
X	4. Paint 3 UN1263 PG III ERG# 128	1	D M	55	G	D001	B	

14. Special Handling Instructions and Additional Information: 9540137-177865072254OW (1)R02-2 Liquid Varnish - Non Pourable Solids (2)R01-A FLAMMABLE DRUMS/OIL -Paint Varnish - Liquid (3)NE2-5 FLAMMABLE DRUMS -Liquid Varnish - Pourable Sludge (4)R01-B FLAMMABLE VARNISH DRUMS - NON POURABLE SLUDGE

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: RICHARD M. STARK — Signature: Richard M. Stark — Month: 09 — Day: 05 — Year: 07

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit: — Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: KEVIN Howard — Signature: K. Howard — Month: 09 — Day: 05 — Year: 07

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H061	H141	H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Erica Gibson — Signature — Month: 09 — Day: 07 — Year:

GENERATOR — TRANSPORTER — INTL — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD001233113
2. Page 1 of: 1
3. Emergency Response Phone: (908) 354-0210
4. Manifest Tracking Number: 001033926 JJK

GENERATOR

5. Generator's Name and Mailing Address: Empire State Varnish C/O E.S.
58 Varick Street
Brooklyn, NY 11222
Generator's Phone: (718) 388-5450

Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: CLEAN VENTURE INC.
U.S. EPA ID Number: NJ0000027193

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Cycle Chem Inc.
217 South First Street
Elizabeth, NJ 07206
Facility's Phone: (908) 355-5900
U.S. EPA ID Number: NJD002200046

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. Waste Paint 3 UN1263 PG III ERG# 128	X56	DM	X2080	G	D001	F	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: CAR On File VS40757-1779410/224241 (1)RE:2-5 FLAMMABLE DRUMS
Liquid Varnish - Pourable Sludge

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter. I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X [illegible] Stark
Signature: X
Month: 9 Day: 25 Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible]
Signature:
Month: Day: Year:

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1: H141 2: 3: 4:

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [illegible]
Signature:
Month: Day: Year: 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Appendix C

ACM Transite Panel Manifest

ATC

#47
17597

2 MORICHES MIDDLE ISLAND ROAD
SHIRLEY, N.Y. 11967

TOLL FREE
1-800-755-0ATC
"EMERGENCY NUMBER"

PHONE 631-924-5050
FAX 631-924-5085

Waste Manifest #	Job #	Floor or Location	Cust #
60605			109-09-94

1. Work Site Name and Mailing Address
38 VARICK ST
BROOKLYN, NY

Owner's Name, Address, Phone Number
ESV REMEDIATION
38 VARICK ST
BROOKLYN, NY

Contractor's Name, Address
ABTRON CORP
40 UNDERHILL BLVD.
SYOSSET, NY 11791

Waste Disposal Site
MINERVA ENTERPRISES
9000 MINERVA ROAD S.E.
WAYNESBURG, OH. 44688

Name and Address of Responsible NESHAPS Agency — Other ☐
U.S. EPA REGION II, 290 BROADWAY, NEW YORK, NY 10007

Description of Materials

	Bags	Cubic Yds.
☒ RQ Asbestos, Class 9, NA2212, PGIII ☐ Other		
☐ RQ White Asbestos, Class 9, UN2590, PGIII	Drums or Tons - OTHER 3	
Special Handling Instructions and Additional Information	TRANSFER PANELS	

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international government regulations.

Printed/Typed Name: JAMES THURSTON Title: FOS X Signature: Date (MM/DD/Y): 9/11/07

Transporter 1 (Acknowledgement of Receipt of Materials)

Company Name and Address	Signature	Telephone No.
ATC 2 MORICHES MIDDLE ISLAND ROAD SHIRLEY, NY 11967	Printed Name: PHIL SCHMIDT	631-924-5050
	Title: DRIVER	Date: 9/12/07

Transporter 2 (Acknowledgement of Receipt of Materials)

Company Name and Address	Signature	Telephone No.
ATC 2 MORICHES MIDDLE ISLAND ROAD SHIRLEY, NY 11967	Printed Name: DAN BILL	631-924-5050
	Title: DRIVER	Date: 9-15-07

Discrepancy Indication Space:

Company Name and Address	Waste Disposal Site Owner or Operator's Certification (Receipt of Above Waste Accepted)	
MINERVA ENTERPRISES (330)866-3435	Signature:	Telephone No.
	Printed Name: Cindi Fisher	Date: 9-15-07
	Title:	

STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
License and Certificate Unit
BUILDING 12, STATE CAMPUS
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

Contractor: **ABTRON CORPORATION**
P.O. Box 598
Syosset, NY 11791

LICENSE NUMBER: **99-8043**
DATE OF ISSUE: **1/24/2007**
EXPIRATION DATE: **2/29/2008**
Business Addres
40 Underhill Blvd.
Suite 10C1
Syosset, NY 11791

Duly Authorized Representative: **JAMES THURSTON**

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Anthony Germano, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (6-03)

Appendix D

Non-Hazardous Liquid Waste Manifests Transported to Clean Water in Staten Island

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: Exempt | Manifest Doc. No.: 600419 | 2. Page 1 of 1 | 600419

GENERATOR

3. Generator's Name and Mailing Address: Empire State Varnish
38 Varick Street
Brooklyn, NY

4. Generator's Phone ( )

5. Transporter 1 Company Name: American Environmental Assessment Corp. | 6. US EPA ID Number: N.Y.R.0.0.0.0.4.4.4.1.2 | A. Transporter's Phone: 631-586-2000

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address: Clean Waters
3249 Richmond Terrace
Staten Island, NY | 10. US EPA ID Number: NY000096854 5 | C. Facility's Phone: (718) 981-4600

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-HAZ Petroleum Contaminated Water	001	TT	1,857	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above: NO18

15. Special Handling Instructions and Additional Information
"AMERICAN ENVIRONMENTAL ASSESSMENT CORP."
EMERGENCY NUMBER: 631-586-2000

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: RICHARD M. STARK | Signature: Richard M. Stark | Month: 09 | Day: 19 | Year: 07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Bobby Easley | Signature: Bobby Easley | Month: 09 | Day: 19 | Year: 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
~~Partial Rec.~~
~~Quinby St~~
~~Ossining, NY~~ ~~NY Quantities~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name | Signature | Month: 09 | Day: 24 | Year: 07

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Please print or type.
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. Exempt | Manifest Doc. No. 600421 | 2. Page 1 of 1 | 600421

3. Generator's Name and Mailing Address Empire Vadnish
Varick Street
Brooklyn, NY

4. Generator's Phone ( )

5. Transporter 1 Company Name: American Environmental Assessment Corp. | 6. US EPA ID Number: N.Y.R.0.0.0.0.4.4.4.1.2 | A. Transporter's Phone: 631-586-2000

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
Clean Water
3249 Richmond Terrace
Staten Island, NY

10. US EPA ID Number: NY0000968545

C. Facility's Phone: (718) 981-4600

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-HAz Contaminated Water	001	TT	30	G
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above: N018

15. Special Handling Instructions and Additional Information
"AMERICAN ENVIRONMENTAL ASSESSMENT CORP."
EMERGENCY NUMBER: 631-586-2000

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
X RICHARD M. STARK	Richard M. Stark	09	27	07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Bobby Beasley	Bobby Beasley	09	27	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
		09	28	07

GENERATOR — TRANSPORTER — FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #1

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: Exempt
Manifest Doc. No.: 600423
2. Page 1 of 1
600423

GENERATOR

3. Generator's Name and Mailing Address
Empire Varnish
Varick St
Brooklyn, NY
4. Generator's Phone ( )

5. Transporter 1 Company Name: American Environmental Assessment Corp.
6. US EPA ID Number: N.Y.R.0.0.0.0.4.4.4.1.2
A. Transporter's Phone: 631-586-2000

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Clean Water
3249 Richmond Terr.
Staten Island, NY
10. US EPA ID Number: NY0000968545
C. Facility's Phone: (718) 981-4600

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Petroleum Contaminated Water	001	T	127	Gal
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
"AMERICAN ENVIRONMENTAL ASSESSMENT CORP."
EMERGENCY NUMBER: 631-586-2000

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
(X) RICHARD M. STARK	(X) Richard M Stark	10	19	07

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
J.P. Imbriale	J.P. Imbriale	10	19	07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Michael Leddy	Leddy	10	22	07

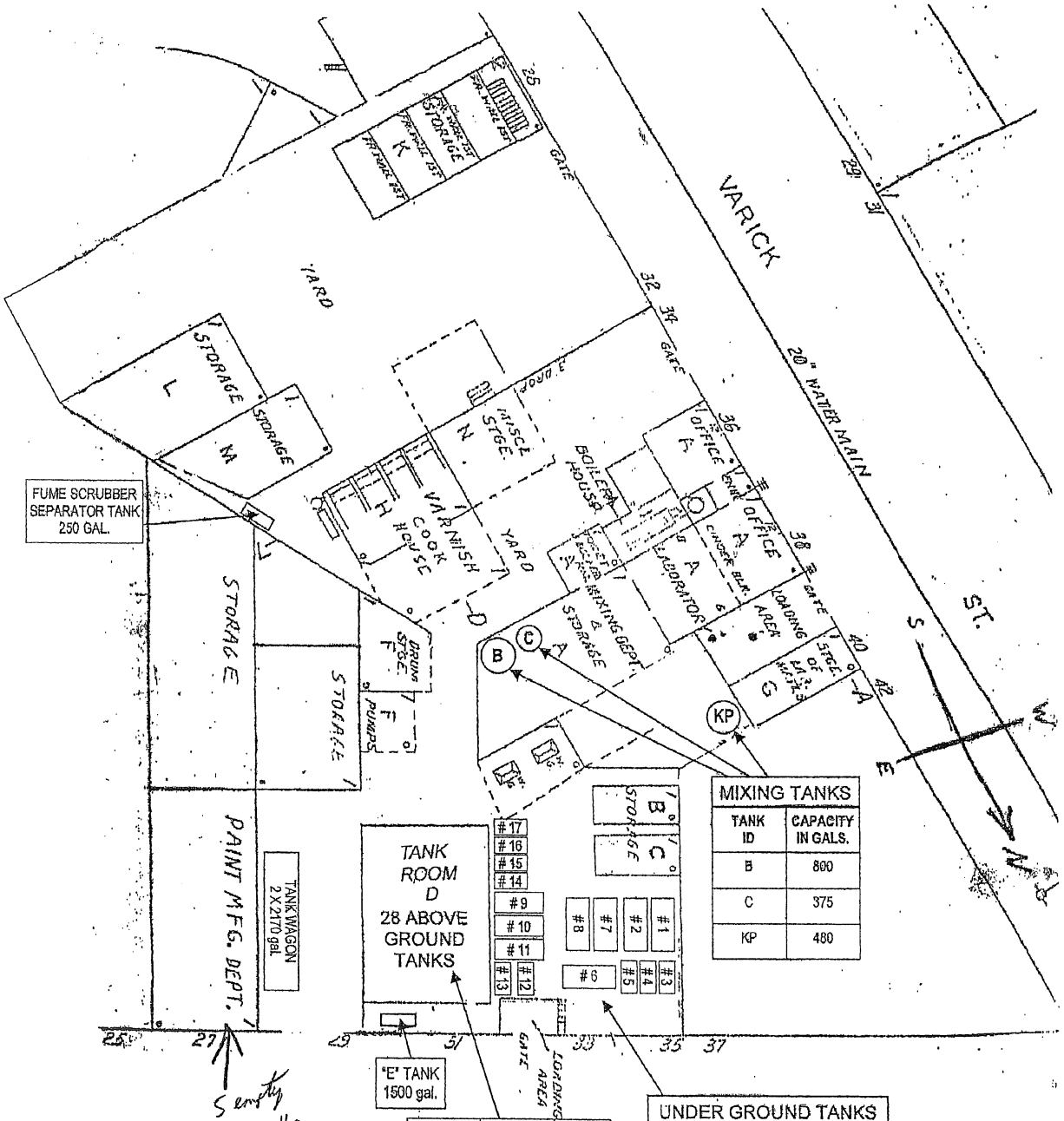
Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Appendix E

Former Site Map
Depicting Tank Locations and Identification Numbers


VARICK
20" WATER MAIN
ST.
YARD
STORAGE
L
STORAGE
M
STORAGE
K
FLAMMABLE STORAGE
FLAMMABLE
FLAMMABLE
GATE
GATE
GATE
GATE
LOADING AREA
LOADING AREA
OFFICE
OFFICE
OFFICE
LABORATORY
MIXING DEPT. & STORAGE
STOR. OF RAW MATLS.
BOILER HOUSE
MISC. STGE.
COOK HOUSE
VARNISH YARD
DRUMS STGE.
PUMPS
STORAGE
PAINT MFG. DEPT.
TANK WAGON 2 X 2170 gal.
FUME SCRUBBER SEPARATOR TANK 250 GAL.
TANK ROOM D 28 ABOVE GROUND TANKS
#17
#16
#15
#14
#9
#10
#11
#13
#12
#8
#7
#2
#1
#6
#5
#4
#3
"E" TANK 1500 gal.
5 empty 220 gallon epoxy tanks
BRIDGEWATER
BLOCK 2664
LOT 9 & 25
MIXING TANKS
TANK ID
CAPACITY IN GALS.
B 800
C 375
KP 480
UNDER GROUND TANKS
NUMBER OF TANKS
CAPACITY IN GALS.
TANK ID
9 550 3,4,5,12,13, 14,15,16,17
3 1080 9,10,11
5 1500 1,2,6,7,8
NUMBER OF TANKS
CAPACITY IN GALS.
TANK ID
16 462 #27-42
8 1023 #1-8
1 2065 J
1 2330 H
1 3290 G
1 2350 F

Appendix F

Laboratory Data and Waste Profile
for Bulk Soil Disposal from UST Excavation

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Wednesday, October 03, 2007 (TP)

Steve Malinowski
CA Rich Consultants Inc.
17 Dupont Street
Plainview, NY 11803

TEL: (516) 576-8844
FAX (516) 576-0093

RE: Empire State Varnish

Order No.: 0710007

Dear Steve Malinowski:

American Analytical Laboratories, LLC. received 1 sample(s) on 10/1/2007 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT: CA Rich Consultants Inc.
Project: Empire State Varnish
Lab Order: 0710007

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0710007-01A	WC-1		10/1/2007 11:30:00 AM	10/1/2007
0710007-01B	WC-1		10/1/2007 11:30:00 AM	10/1/2007
0710007-01C	WC-1		10/1/2007 11:30:00 AM	10/1/2007

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NY 11735 • (516) 454-6100 • FAX (516) 454-8027

NYSDOH	ELAP	11418
AIHA	PAT, LPAT	15668
CTDOH	PH-0205	

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: CA Rich Consultants, Inc. 17 Dupont St Plainview, NY 11803
CONTACT: Steve Malinowski

SAMPLER (SIGNATURE): Victoria Wicker
DATE / TIME
SAMPLE(S) SEALED: YES / NO

SAMPLER NAME (PRINT): Stephen Malinowski
CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: Empire State Varnish

ANALYSIS REQUIRED

LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION		P.O.#
Jars 3	S	C	Ice	WC-1	11:30 AM	
				0710007-01ABC		

Cartage $

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A=AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: ASAP
NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS: Soil Safe Disposal Parameters

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	10/1/07 2:39	Stephen Malinowski		10/1/07 1439	Gary Eppich
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1
Lab Order:	0710007	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710007-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1016	U	87		µg/Kg-dry	1	10/2/2007 12:52:00 PM
Aroclor 1221	U	87		µg/Kg-dry	1	10/2/2007 12:52:00 PM
Aroclor 1232	U	87		µg/Kg-dry	1	10/2/2007 12:52:00 PM
Aroclor 1242	U	87		µg/Kg-dry	1	10/2/2007 12:52:00 PM
Aroclor 1248	U	87		µg/Kg-dry	1	10/2/2007 12:52:00 PM
Aroclor 1254	5900	870		µg/Kg-dry	10	10/2/2007 2:50:00 PM
Aroclor 1260	U	87		µg/Kg-dry	1	10/2/2007 12:52:00 PM
Surr: TCX	110	26-136		%REC	10	10/2/2007 2:50:00 PM
Surr: TCX	101	26-136		%REC	1	10/2/2007 12:52:00 PM
Surr: DCB	104	21-133		%REC	10	10/2/2007 2:50:00 PM
Surr: DCB	120	21-133		%REC	1	10/2/2007 12:52:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	13.4	0		wt%	1	10/2/2007
TOTAL METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Antimony	U	0.549		mg/Kg-dry	1	10/2/2007 1:08:24 PM
Arsenic	10.6	0.549		mg/Kg-dry	1	10/2/2007 1:08:24 PM
Barium	220	0.439		mg/Kg-dry	1	10/2/2007 1:08:24 PM
Beryllium	U	0.439		mg/Kg-dry	1	10/2/2007 1:08:24 PM
Cadmium	0.703	0.329		mg/Kg-dry	1	10/2/2007 1:08:24 PM
Copper	101	0.439		mg/Kg-dry	1	10/2/2007 1:08:24 PM
Lead	369	0.329		mg/Kg-dry	1	10/2/2007 1:08:24 PM
Nickel	12.7	0.439		mg/Kg-dry	1	10/2/2007 1:08:24 PM
Thallium	U	0.549		mg/Kg-dry	1	10/2/2007 1:08:24 PM
Zinc	477	0.439		mg/Kg-dry	1	10/2/2007 1:08:24 PM
SEMIVOLATILE SW-846 METHOD 8270 (PAH)		**SW8270D**		**SW3550A**		Analyst: **RN**
Acenaphthene	180	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Acenaphthylene	U	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Anthracene	560	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Benzo(a)anthracene	2000	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Benzo(a)pyrene	1800	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Benzo(b)fluoranthene	1600	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Benzo(g,h,i)perylene	1300	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Benzo(k)fluoranthene	1400	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Chrysene	2200	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Fluoranthene	4400	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Fluorene	220	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Indeno(1,2,3-c,d)pyrene	1200	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1
Lab Order:	0710007	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710007-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270 (PAH)		**SW8270D**		**SW3550A**		Analyst: **RN**
Naphthalene	100	130	J	µg/Kg-dry	1	10/2/2007 11:03:00 AM
Phenanthrene	3200	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Pyrene	3700	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Surr: 2-Fluorobiphenyl	79.8	27-119		%REC	1	10/2/2007 11:03:00 AM
Surr: 4-Terphenyl-d14	66.3	28-126		%REC	1	10/2/2007 11:03:00 AM
Surr: Nitrobenzene-d5	77.3	21-118		%REC	1	10/2/2007 11:03:00 AM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1,1-Trichloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1,2,2-Tetrachloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1,2-Trichloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1-Dichloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1-Dichloroethene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1-Dichloropropene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2,3-Trichlorobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2,3-Trichloropropane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2,4,5-Tetramethylbenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2,4-Trichlorobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2,4-Trimethylbenzene	20	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2-Dibromo-3-chloropropane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2-Dibromoethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2-Dichlorobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2-Dichloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2-Dichloropropane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,3,5-Trimethylbenzene	19	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,3-Dichlorobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,3-dichloropropane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,4-Dichlorobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
2,2-Dichloropropane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
2-Butanone	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
2-Chloroethyl vinyl ether	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
2-Chlorotoluene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
2-Hexanone	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
2-Propanol	U	58		µg/Kg-dry	1	10/1/2007 8:10:00 PM
4-Chlorotoluene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
4-Isopropyltoluene	8.6	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
4-Methyl-2-pentanone	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Acetone	59	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1
Lab Order:	0710007	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710007-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Acrolein	U	29		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Acrylonitrile	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Benzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Bromobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Bromochloromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Bromodichloromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Bromoform	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Bromomethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Carbon disulfide	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Carbon tetrachloride	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Chlorobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Chlorodifluoromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Chloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Chloroform	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Chloromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
cis-1,2-Dichloroethene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
cis-1,3-Dichloropropene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Dibromochloromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Dibromomethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Dichlorodifluoromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Diisopropyl ether	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Ethanol	U	29		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Ethyl acetate	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Ethylbenzene	8.2	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Freon-114	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Hexachlorobutadiene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Isopropyl acetate	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Isopropylbenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
m,p-Xylene	39	12		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Methyl tert-butyl ether	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Methylene chloride	60	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
n-Amyl acetate	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Naphthalene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
n-Butyl acetate	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
n-Butylbenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
n-Propyl acetate	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
n-Propylbenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
o-Xylene	12	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
p-Diethylbenzene	17	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1
Lab Order:	0710007	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710007-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
p-Ethyltoluene	19	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
sec-Butylbenzene	0.62	5.8	J	µg/Kg-dry	1	10/1/2007 8:10:00 PM
Styrene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
t-Butyl alcohol	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
tert-Butylbenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Tetrachloroethene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Toluene	350	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
trans-1,2-Dichloroethene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
trans-1,3-Dichloropropene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Trichloroethene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Trichlorofluoromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Vinyl acetate	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Vinyl chloride	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Surr: 4-Bromofluorobenzene	105	61-133		%REC	1	10/1/2007 8:10:00 PM
Surr: Dibromofluoromethane	112	61-139		%REC	1	10/1/2007 8:10:00 PM
Surr: Toluene-d8	92.2	57-131		%REC	1	10/1/2007 8:10:00 PM
PAINT FILTER		**SW9095A**				Analyst: **SAP**
Free Liquids	ND	0		Negative	1	10/2/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1
Lab Order:	0710007	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710007-01B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP MERCURY		**SW1311/7471B**		**SW1311**		Analyst: **AH**
Mercury	U	0.0200		mg/L	1	10/2/2007 11:58:48 AM
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**SW3550A**		Analyst: **PT**
Fuel Oil #1	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Fuel Oil #2	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Fuel Oil #3	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Fuel Oil #4	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Fuel Oil #5	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Fuel Oil #6	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Hydraulic Fluid	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Motor Oil Composite	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
SAE #30	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Unknown DRO TPH	120	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Total DRO TPH	120	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Surr: o-Terphenyl	52.3	42-134		%REC	1	10/3/2007 6:35:00 AM
TPH 8015 GASOLINE RANGE ORGANICS		**SW8015**		**SW5030A**		Analyst: **LDS**
Naphtha	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Mineral Spirits	204	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Kerosene	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Jet Fuel(JP8)	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Jet Fuel(JP5)	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Jet Fuel(JP4)	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Gasoline	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Commercial Jet Fuel A	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Aviation Gasoline	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Unknown GRO TPH	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Total GRO TPH	204	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Surr: Toluene-d8	92.2	62-128		%REC	1	10/1/2007 8:10:00 PM
TCLP METALS		**SW1311/6010B**		**SW1311**		Analyst: **JP**
Arsenic	U	0.0500		mg/L	1	10/2/2007 12:05:37 PM
Barium	2.19	0.0500		mg/L	1	10/2/2007 12:05:37 PM
Cadmium	U	0.0500		mg/L	1	10/2/2007 12:05:37 PM
Chromium	0.0430	0.0500	J	mg/L	1	10/2/2007 12:05:37 PM
Lead	2.22	0.0500		mg/L	1	10/2/2007 12:05:37 PM
Selenium	U	0.0500		mg/L	1	10/2/2007 12:05:37 PM
Silver	U	0.0500		mg/L	1	10/2/2007 12:05:37 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

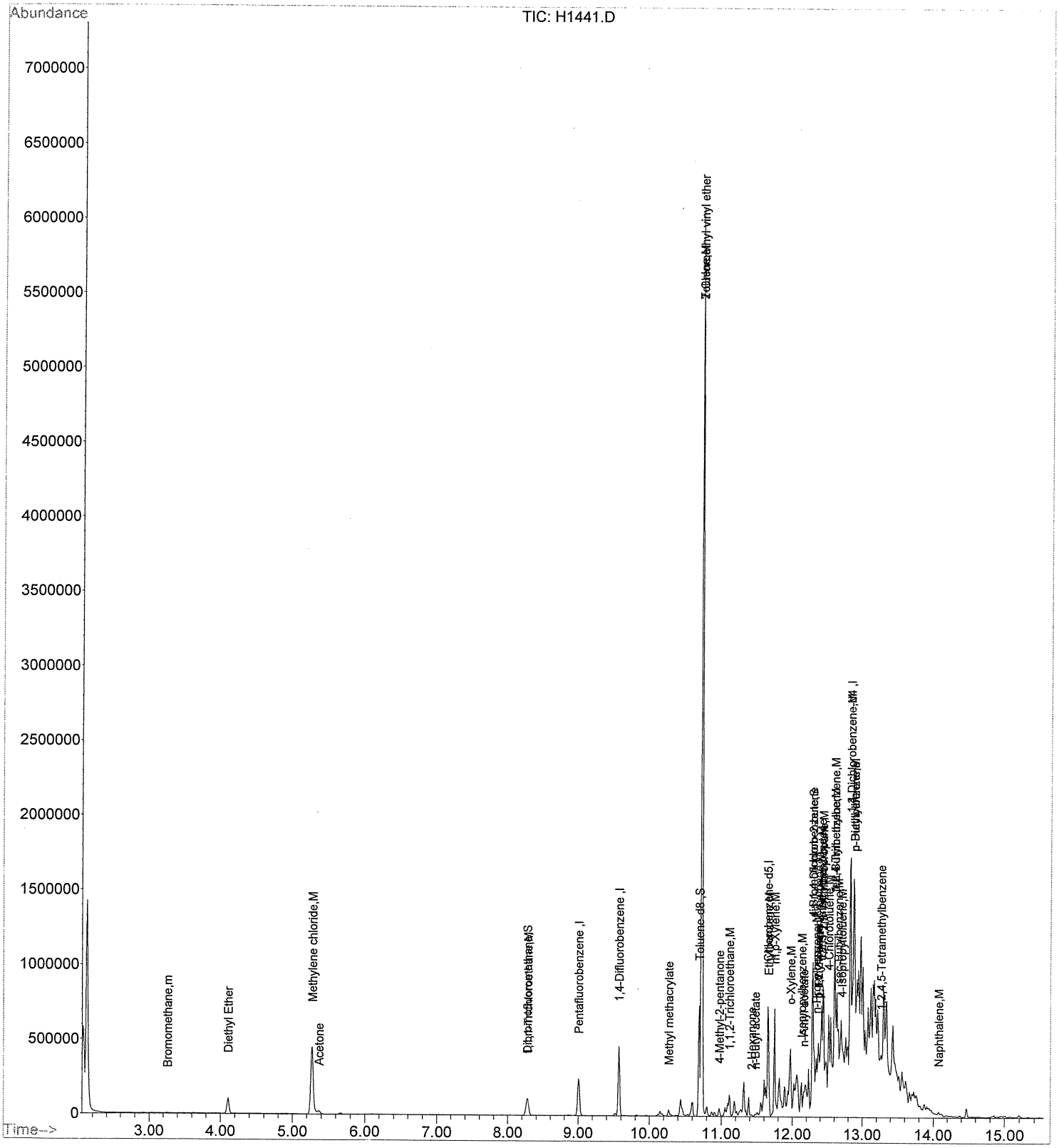
Quantitation Report

Data File : C:\HPCHEM\1\DATA\H1441.D
Acq On : 1 Oct 2007 8:10 pm
Sample : 0701007-01A
Misc : DRYFULL8260SOIL/DRY8015GRO
MS Integration Params: rteint.p
Quant Time: Oct 2 8:22 2007

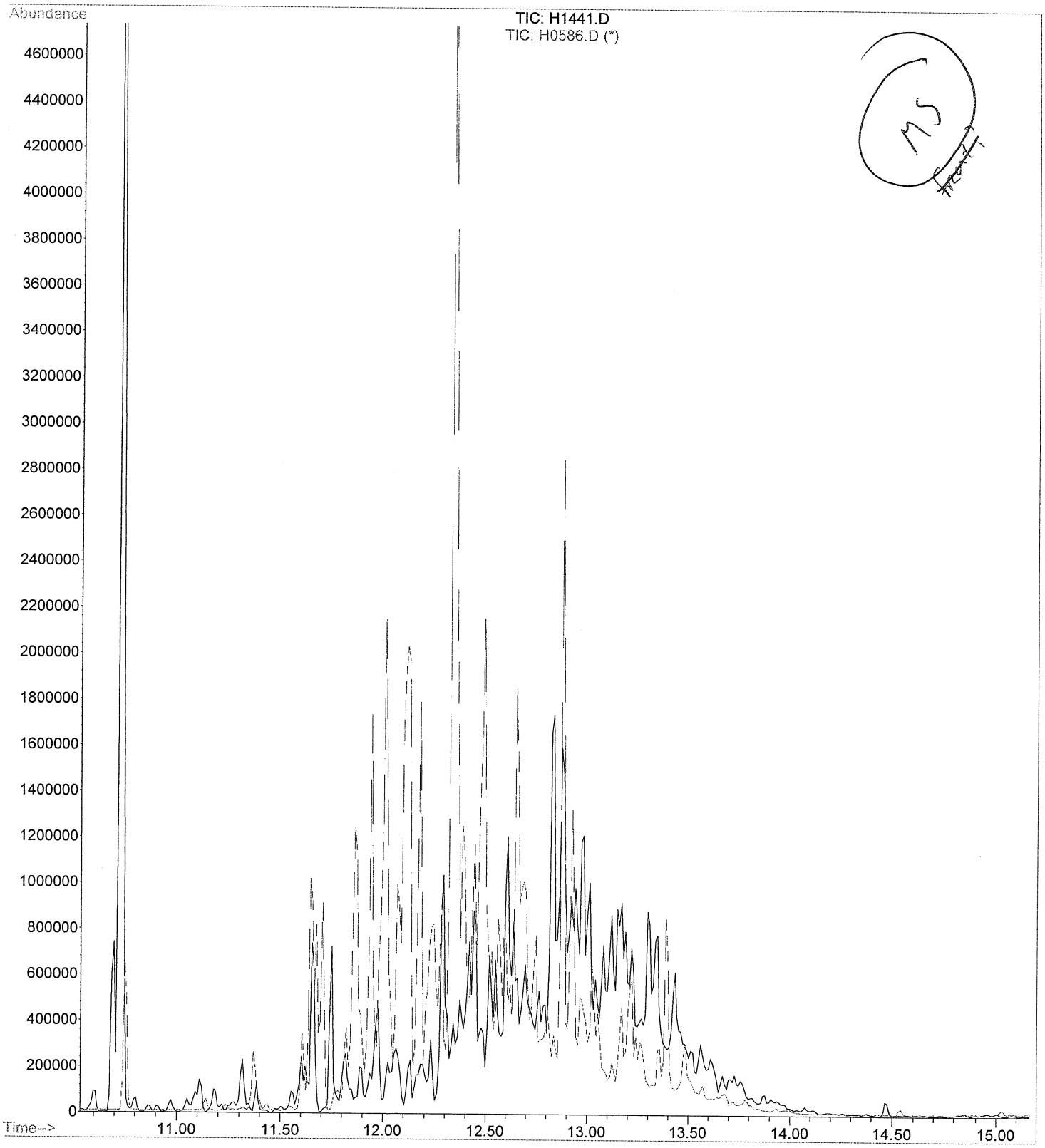
Vial: 19
Operator: LDS-LC
Inst : System H
Multiplr: 1.00

Quant Results File: 092007H.RES

Method : C:\HPCHEM\1\METHODS\092007H.M (RTE Integrator)
Title : VOA Standards for Multiple Point Calibration
Last Update : Thu Sep 20 08:23:30 2007
Response via : Initial Calibration



File : H:\H1441.D
Operator : LDS-LC
Acquired : 1 Oct 2007 8:10 pm using AcqMethod LDS8260H
Instrument : System H
Sample Name: 0701007-01A
Misc Info : DRYFULL8260SOIL/DRY8015GRO
Vial Number: 19



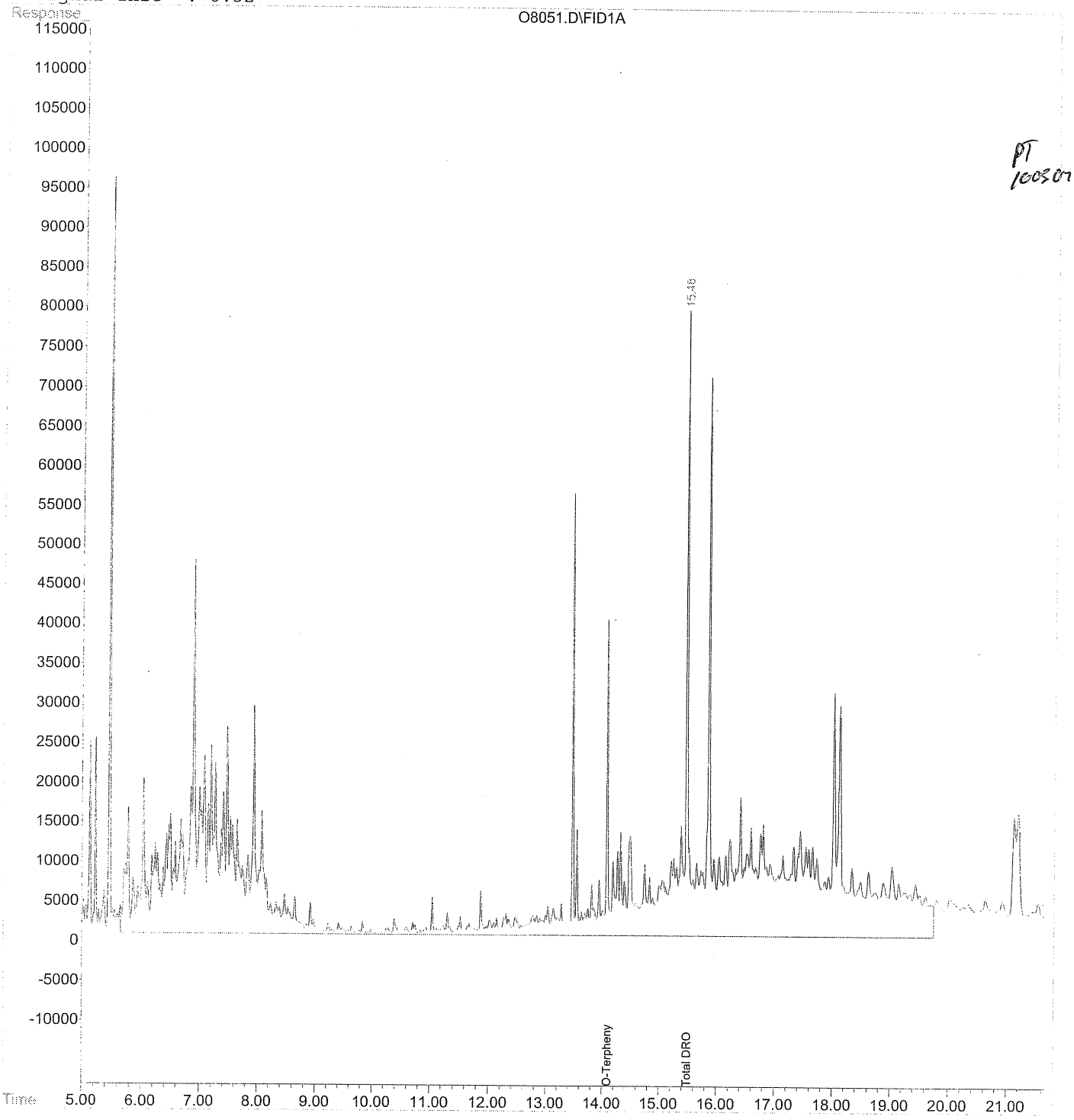
Quantitation Report

Data File : C:\HPCHEM\2\DATA\O8051.D
Acq On : 3 Oct 2007 6:35 am
Sample : 0710007-01B
Misc : DRY8015DRO SOIL 10/1 LA DF3
IntFile : events.e
Quant Time: Oct 3 9:19 2007 Quant Results File: D082807X.RES

Vial: 43
Operator: PT
Inst : HP5890
Multiplr: 1.00

Quant Method : C:\HPCHEM\2\METHODS\D082807X.M (Chemstation Integrator)
Title :
Last Update : Wed Oct 03 08:33:00 2007
Response via : Multiple Level Calibration
DataAcq Meth : O8015C.M

Volume Inj. : 2UL
Signal Phase : RTX-5
Signal Info : 0.32



PT
10/3/07

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Wednesday, October 03, 2007

Steve Malinowski
CA Rich Consultants Inc.
17 Dupont Street
Plainview, NY 11803

TEL: (516) 576-8844
FAX (516) 576-0093

RE: Empire State Varnish

Order No.: 0710007

Dear Steve Malinowski:

American Analytical Laboratories, LLC. received 1 sample(s) on 10/1/2007 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT: CA Rich Consultants Inc.
Project: Empire State Varnish
Lab Order: 0710007

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0710007-01A	WC-1		10/1/2007 11:30:00 AM	10/1/2007
0710007-01B	WC-1		10/1/2007 11:30:00 AM	10/1/2007
0710007-01C	WC-1		10/1/2007 11:30:00 AM	10/1/2007

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NY 11735 • (516) 454-6100 • FAX (516) 454-8027

NYSDOH	ELAP	11418
AIHA	PAT, LPAT	15668
CTDOH	PH-0205	

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: CA Rich Consultants, Inc. 17 Dupont St Plainview, NY 11803

CONTACT: Steve Malinowski

SAMPLER (SIGNATURE): Stephen Malinowski Victoria Walker

DATE TIME

SAMPLER NAME (PRINT): Stephen Malinowski

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: Empire State Varnish

ANALYSIS REQUIRED

LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION		P.O.#
3 Jars	S	C	Ice	WC-1	11:30 AM	
				0710007-01ABC		

Cartaret ¢

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A=AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL

TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: ASAP

NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS: Soil Safe Disposal Parameters

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Stephen Malinowski	10/10/07 2:39	Stephen Malinowski		10/10/07 1439	Gary Eppich
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1
Lab Order:	0710007	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710007-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1016	U	87		µg/Kg-dry	1	10/2/2007 12:52:00 PM
Aroclor 1221	U	87		µg/Kg-dry	1	10/2/2007 12:52:00 PM
Aroclor 1232	U	87		µg/Kg-dry	1	10/2/2007 12:52:00 PM
Aroclor 1242	U	87		µg/Kg-dry	1	10/2/2007 12:52:00 PM
Aroclor 1248	U	87		µg/Kg-dry	1	10/2/2007 12:52:00 PM
Aroclor 1254	5900	870		µg/Kg-dry	10	10/2/2007 2:50:00 PM
Aroclor 1260	U	87		µg/Kg-dry	1	10/2/2007 12:52:00 PM
Surr: TCX	101	26-136		%REC	1	10/2/2007 12:52:00 PM
Surr: TCX	110	26-136		%REC	10	10/2/2007 2:50:00 PM
Surr: DCB	120	21-133		%REC	1	10/2/2007 12:52:00 PM
Surr: DCB	104	21-133		%REC	10	10/2/2007 2:50:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	13.4	0		wt%	1	10/2/2007
SEMIVOLATILE SW-846 METHOD 8270 (PAH)		**SW8270D**		**SW3550A**		Analyst: **RN**
Acenaphthene	180	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Acenaphthylene	U	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Anthracene	560	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Benzo(a)anthracene	2000	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Benzo(a)pyrene	1800	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Benzo(b)fluoranthene	1600	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Benzo(g,h,i)perylene	1300	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Benzo(k)fluoranthene	1400	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Chrysene	2200	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Fluoranthene	4400	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Fluorene	220	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Indeno(1,2,3-c,d)pyrene	1200	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Naphthalene	100	130	J	µg/Kg-dry	1	10/2/2007 11:03:00 AM
Phenanthrene	3200	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Pyrene	3700	130		µg/Kg-dry	1	10/2/2007 11:03:00 AM
Surr: 2-Fluorobiphenyl	79.8	27-119		%REC	1	10/2/2007 11:03:00 AM
Surr: 4-Terphenyl-d14	66.3	28-126		%REC	1	10/2/2007 11:03:00 AM
Surr: Nitrobenzene-d5	77.3	21-118		%REC	1	10/2/2007 11:03:00 AM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1,1-Trichloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1,2,2-Tetrachloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1
Lab Order:	0710007	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710007-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
1,1,2-Trichloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1-Dichloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1-Dichloroethene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,1-Dichloropropene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2,3-Trichlorobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2,3-Trichloropropane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2,4,5-Tetramethylbenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2,4-Trichlorobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2,4-Trimethylbenzene	20	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2-Dibromo-3-chloropropane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2-Dibromoethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2-Dichlorobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2-Dichloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,2-Dichloropropane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,3,5-Trimethylbenzene	19	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,3-Dichlorobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,3-dichloropropane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
1,4-Dichlorobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
2,2-Dichloropropane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
2-Butanone	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
2-Chloroethyl vinyl ether	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
2-Chlorotoluene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
2-Hexanone	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
2-Propanol	U	58		µg/Kg-dry	1	10/1/2007 8:10:00 PM
4-Chlorotoluene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
4-Isopropyltoluene	8.6	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
4-Methyl-2-pentanone	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Acetone	59	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Acrolein	U	29		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Acrylonitrile	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Benzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Bromobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Bromochloromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Bromodichloromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Bromoform	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Bromomethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Carbon disulfide	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Carbon tetrachloride	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Chlorobenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1
Lab Order:	0710007	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710007-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Chlorodifluoromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Chloroethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Chloroform	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Chloromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
cis-1,2-Dichloroethene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
cis-1,3-Dichloropropene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Dibromochloromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Dibromomethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Dichlorodifluoromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Diisopropyl ether	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Ethanol	U	29		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Ethyl acetate	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Ethylbenzene	8.2	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Freon-114	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Hexachlorobutadiene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Isopropyl acetate	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Isopropylbenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
m,p-Xylene	39	12		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Methyl tert-butyl ether	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Methylene chloride	60	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
n-Amyl acetate	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Naphthalene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
n-Butyl acetate	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
n-Butylbenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
n-Propyl acetate	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
n-Propylbenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
o-Xylene	12	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
p-Diethylbenzene	17	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
p-Ethyltoluene	19	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
sec-Butylbenzene	0.62	5.8	J	µg/Kg-dry	1	10/1/2007 8:10:00 PM
Styrene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
t-Butyl alcohol	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
tert-Butylbenzene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Tetrachloroethene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Toluene	350	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
trans-1,2-Dichloroethene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
trans-1,3-Dichloropropene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Trichloroethene	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Trichlorofluoromethane	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1
Lab Order:	0710007	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710007-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Vinyl acetate	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Vinyl chloride	U	5.8		µg/Kg-dry	1	10/1/2007 8:10:00 PM
Surr: 4-Bromofluorobenzene	105	61-133		%REC	1	10/1/2007 8:10:00 PM
Surr: Dibromofluoromethane	112	61-139		%REC	1	10/1/2007 8:10:00 PM
Surr: Toluene-d8	92.2	57-131		%REC	1	10/1/2007 8:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1
Lab Order:	0710007	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710007-01B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP MERCURY		**SW1311/7471B**		**SW1311**		Analyst: **AH**
Mercury	U	0.0200		mg/L	1	10/2/2007 11:58:48 AM
TPH 8015 DIESEL RANGE ORGANICS		**SW8015**		**SW3550A**		Analyst: **PT**
Fuel Oil #1	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Fuel Oil #2	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Fuel Oil #3	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Fuel Oil #4	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Fuel Oil #5	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Fuel Oil #6	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Hydraulic Fluid	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Motor Oil Composite	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
SAE #30	U	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Unknown DRO TPH	120	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Total DRO TPH	120	35		mg/Kg-dry	1	10/3/2007 6:35:00 AM
Surr: o-Terphenyl	52.3	42-134		%REC	1	10/3/2007 6:35:00 AM
TPH 8015 GASOLINE RANGE ORGANICS		**SW8015**		**SW5030A**		Analyst: **LDS**
Naphtha	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Mineral Spirits	204	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Kerosene	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Jet Fuel(JP8)	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Jet Fuel(JP5)	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Jet Fuel(JP4)	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Gasoline	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Commercial Jet Fuel A	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Aviation Gasoline	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Unknown GRO TPH	U	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Total GRO TPH	204	1.14		mg/Kg-dry	1	10/1/2007 8:10:00 PM
Surr: Toluene-d8	92.2	62-128		%REC	1	10/1/2007 8:10:00 PM
TCLP METALS		**SW1311/6010B**		**SW1311**		Analyst: **JP**
Arsenic	U	0.0500		mg/L	1	10/2/2007 12:05:37 PM
Barium	2.19	0.0500		mg/L	1	10/2/2007 12:05:37 PM
Cadmium	U	0.0500		mg/L	1	10/2/2007 12:05:37 PM
Chromium	0.0430	0.0500	J	mg/L	1	10/2/2007 12:05:37 PM
Lead	2.22	0.0500		mg/L	1	10/2/2007 12:05:37 PM
Selenium	U	0.0500		mg/L	1	10/2/2007 12:05:37 PM
Silver	U	0.0500		mg/L	1	10/2/2007 12:05:37 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *03-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1
Lab Order:	0710007	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710007-01C	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
IGNITABILITY/FLASHPOINT SW-846 1010		**SW1010**				Analyst: **JP**
Ignitability	>	140		°F	1	10/2/2007
CORROSIVITY		**SW9045C**				Analyst: **SAP**
pH	7.60	0		pH Units	1	10/2/2007
REACTIVE CYANIDE		**SW7.3.3.2**				Analyst: **SAP**
Reactive Cyanide	U	0.115		mg/Kg-dry	1	10/2/2007
REACTIVE SULFIDE		**SW7.3.4.2**				Analyst: **SAP**
Reactive Sulfide	U	2.31		mg/Kg-dry	1	10/2/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

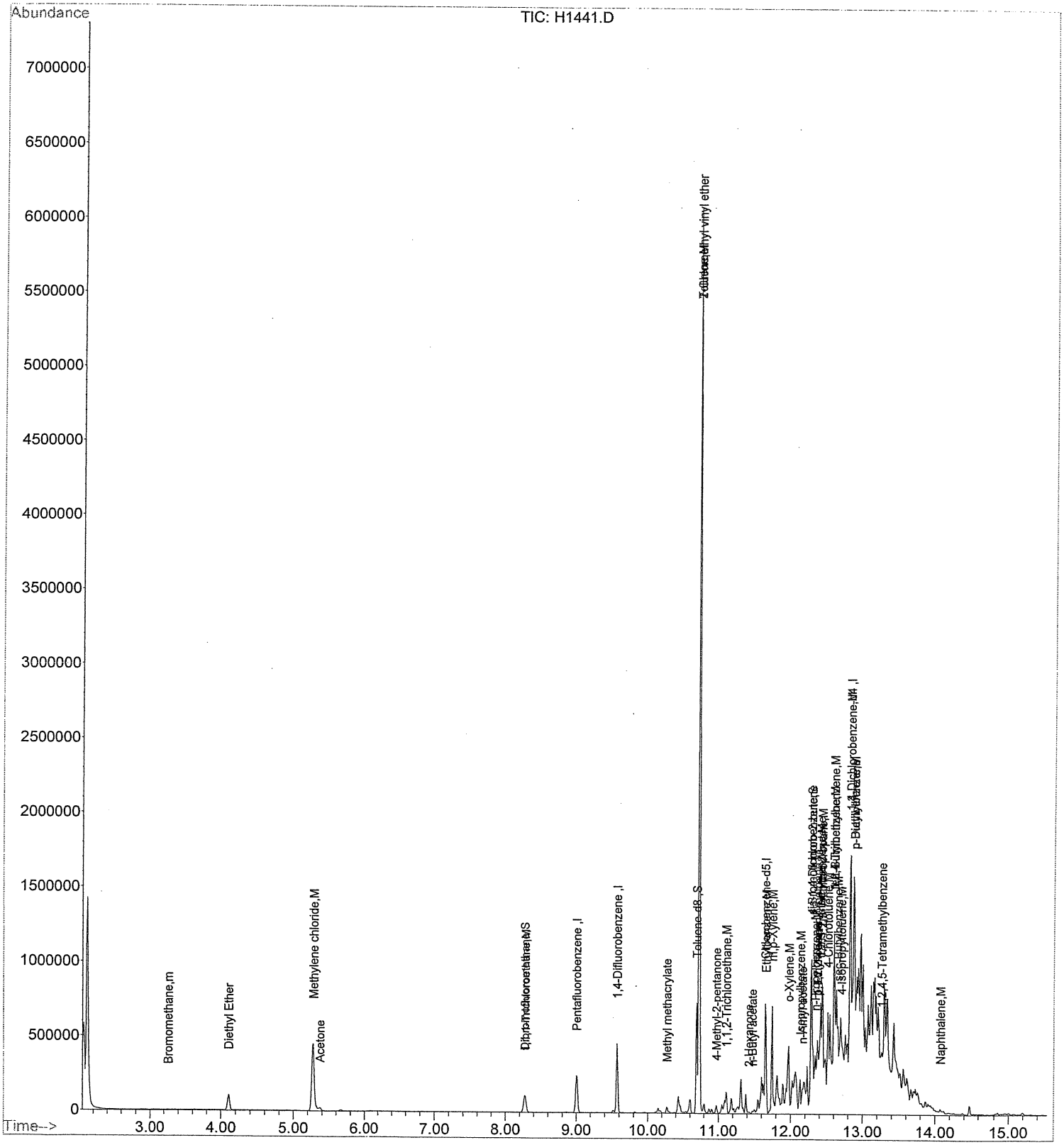
Quantitation Report

Data File : C:\HPCHEM\1\DATA\H1441.D
Acq On : 1 Oct 2007 8:10 pm
Sample : 0701007-01A
Misc : DRYFULL8260SOIL/DRY8015GRO
MS Integration Params: rteint.p
Quant Time: Oct 2 8:22 2007

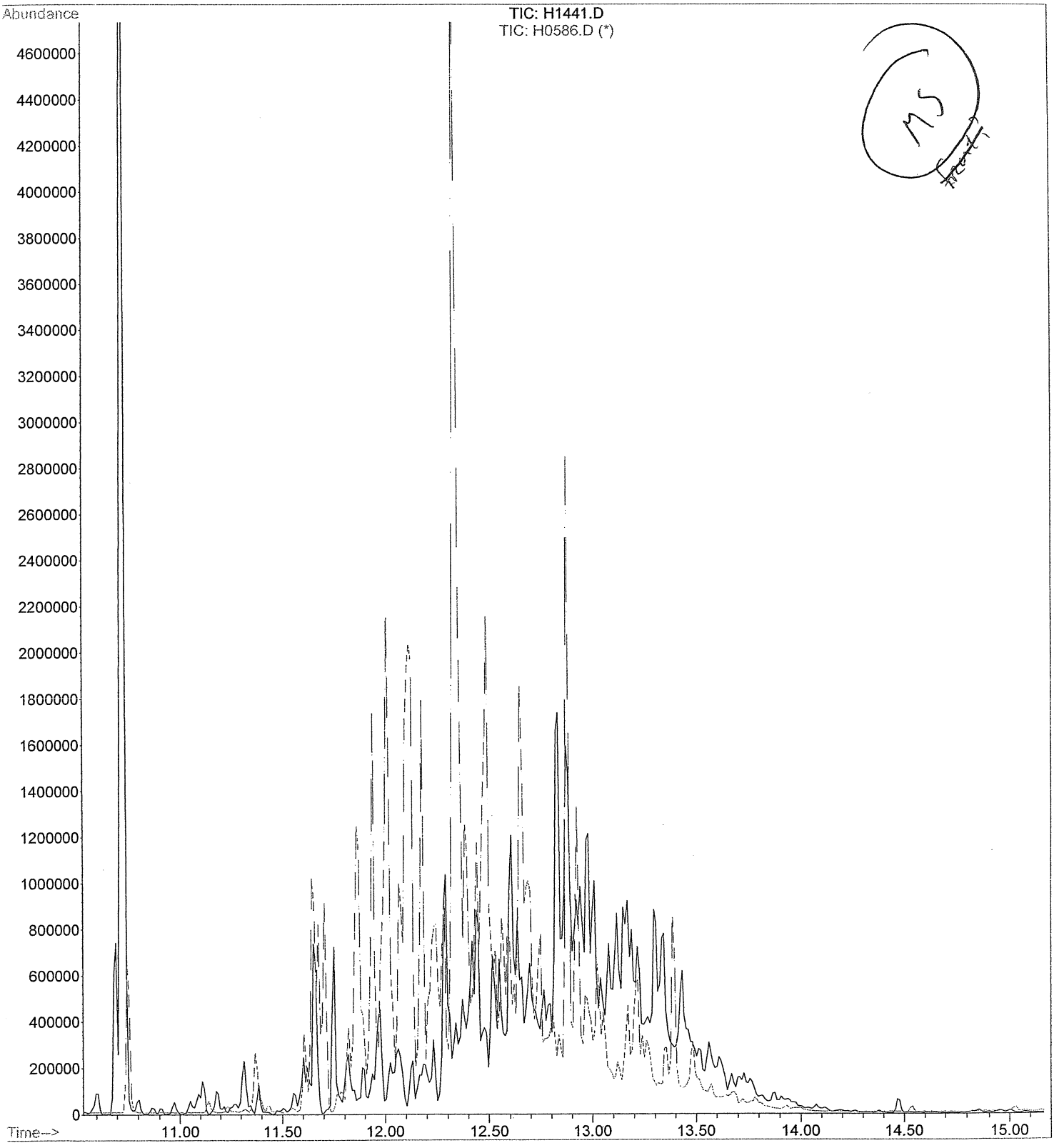
Vial: 19
Operator: LDS-LC
Inst : System H
Multiplr: 1.00

Quant Results File: 092007H.RES

Method : C:\HPCHEM\1\METHODS\092007H.M (RTE Integrator)
Title : VOA Standards for Multiple Point Calibration
Last Update : Thu Sep 20 08:23:30 2007
Response via : Initial Calibration



File : H:\H1441.D
Operator : LDS-LC
Acquired : 1 Oct 2007 8:10 pm using AcqMethod LDS8260H
Instrument : System H
Sample Name: 0701007-01A
Misc Info : DRYFULL8260SOIL/DRY8015GRO
Vial Number: 19

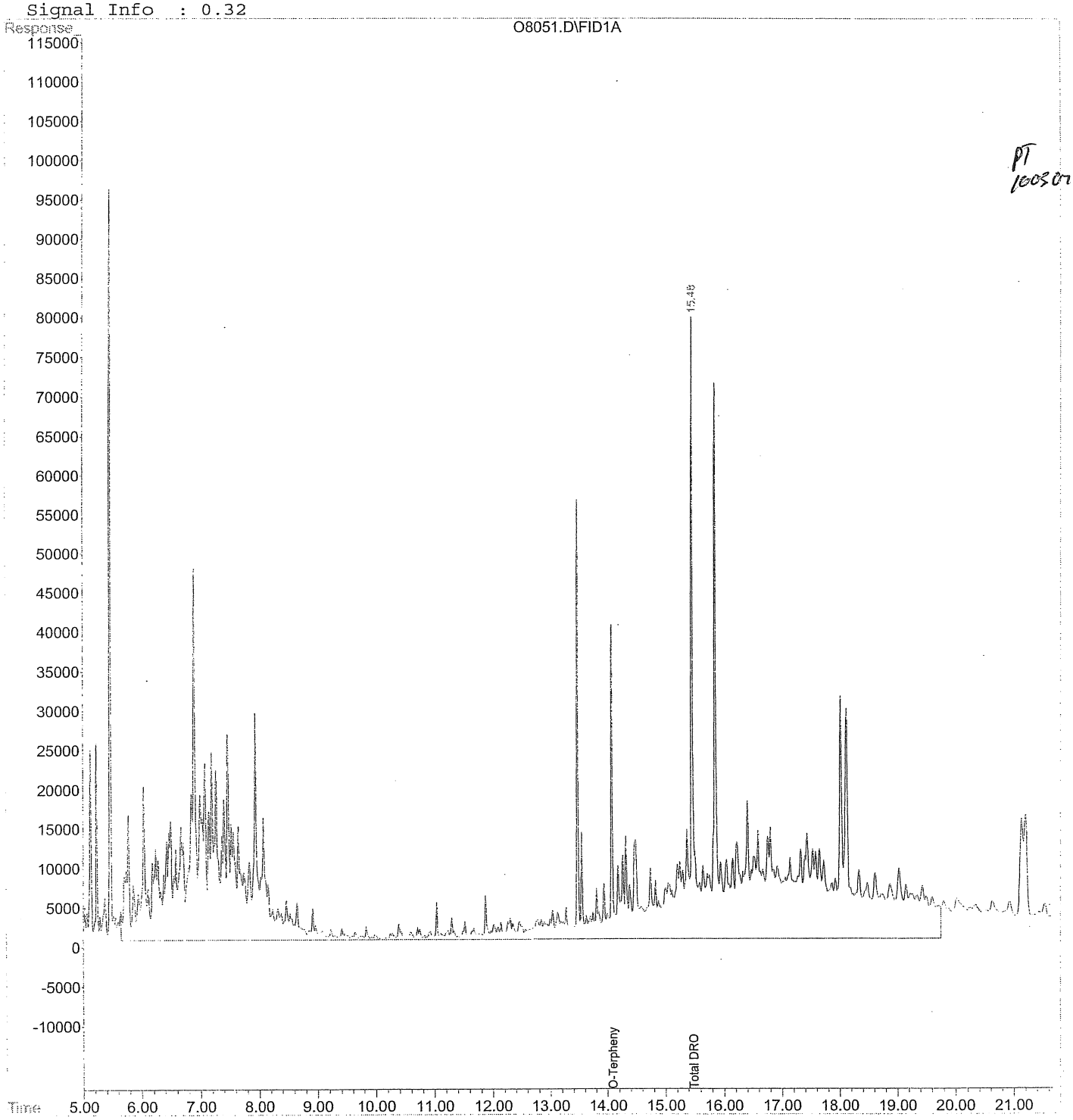


Quantitation Report

Data File : C:\HPCHEM\2\DATA\O8051.D Vial: 43
Acq On : 3 Oct 2007 6:35 am Operator: PT
Sample : 0710007-01B Inst : HP5890
Misc : DRY8015DRO SOIL 10/1 LA DF3 Multiplr: 1.00
IntFile : events.e
Quant Time: Oct 3 9:19 2007 Quant Results File: D082807X.RES

Quant Method : C:\HPCHEM\2\METHODS\D082807X.M (Chemstation Integrator)
Title :
Last Update : Wed Oct 03 08:33:00 2007
Response via : Multiple Level Calibration
DataAcq Meth : O8015C.M

Volume Inj. : 2UL
Signal Phase : RTX-5
Signal Info : 0.32



PT
10/03/07

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Wednesday, October 10, 2007 (PM)

Steve Malinowski
CA Rich Consultants Inc.
17 Dupont Street
Plainview, NY 11803

TEL: (516) 576-8844
FAX (516) 576-0093

RE: Empire State Varnish

Order No.: 0710077

Dear Steve Malinowski:

American Analytical Laboratories, LLC. received 2 sample(s) on 10/1/2007 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT: CA Rich Consultants Inc.
Project: Empire State Varnish
Lab Order: 0710077

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0710077-01A	WC-1 (Grab)		10/1/2007 11:30:00 AM	10/1/2007
0710077-02A	WC-1 (Composite)		10/1/2007 11:30:00 AM	10/1/2007
0710077-02B	WC-1 (Composite)		10/1/2007 11:30:00 AM	10/1/2007

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NY 11735 • (516) 454-6100 • FAX (516) 454-8027

NYSDOH ELAP 11418
AIHA PAT, LPAT 15668
CTDOH PH-0205

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: CA Rich Consultants, Inc. 17 Dupont St Plainview, NY 11803
CONTACT: Steve Malinowski

SAMPLER (SIGNATURE): Stephen Malinowski DATE: 10/5/07 TIME: Victoria Wheeler
SAMPLER NAME (PRINT): Stephen Malinowski

SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: Empire State Varnish

LABORATORY ID #	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION	ANALYSIS REQUIRED: TCLP VOA	TCLP SVOA	TCLP Pest	TCLP Herb	8270 BNA	TOX	Total Sulfur
3	S	C	Ice	WC-1 (Grab) 11:30 AM	X						
				~~071007-01ABC~~ WC-1 (Comp) 10/5/07		X	X	X	X	X	X

← GRAB (20f) 071007-01A -01AB
← Composite

additional analysis authorized 10/5/07 by Steve @ CA Rich

ASAP 10/11

Carlaret #

P.O.#

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A=AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: ASAP
NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS: Soil Safe Disposal Parameters

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Stephen Malinowski	10/10 2:39	Stephen Malinowski		10/11/07 1439	Gary Eppich
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1 (Grab)
Lab Order:	0710077	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710077-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP VOLATILES		**SW8260B**				Analyst: **LDS**
1,1-Dichloroethene	U	0.00055		mg/L	1	10/9/2007 11:36:00 AM
1,2-Dichloroethane	U	0.00065		mg/L	1	10/9/2007 11:36:00 AM
1,4-Dichlorobenzene	U	0.00085		mg/L	1	10/9/2007 11:36:00 AM
2-Butanone	U	0.0085		mg/L	1	10/9/2007 11:36:00 AM
Benzene	U	0.00060		mg/L	1	10/9/2007 11:36:00 AM
Carbon tetrachloride	U	0.00050		mg/L	1	10/9/2007 11:36:00 AM
Chlorobenzene	U	0.0010		mg/L	1	10/9/2007 11:36:00 AM
Chloroform	U	0.00050		mg/L	1	10/9/2007 11:36:00 AM
Tetrachloroethene	U	0.00070		mg/L	1	10/9/2007 11:36:00 AM
Trichloroethene	U	0.0010		mg/L	1	10/9/2007 11:36:00 AM
Vinyl chloride	U	0.0012		mg/L	1	10/9/2007 11:36:00 AM
Surr: 4-Bromofluorobenzene	114	54-134		%REC	1	10/9/2007 11:36:00 AM
Surr: Dibromofluoromethane	130	52-132		%REC	1	10/9/2007 11:36:00 AM
Surr: Toluene-d8	92.5	51-127		%REC	1	10/9/2007 11:36:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1 (Composite)
Lab Order:	0710077	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710077-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	13.4	0		wt%	1	10/8/2007
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
1,2,4-Trichlorobenzene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
1,2-Dichlorobenzene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
1,3-Dichlorobenzene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
1,4-Dichlorobenzene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2,4,5-Trichlorophenol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2,4,6-Trichlorophenol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2,4-Dichlorophenol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2,4-Dimethylphenol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2,4-Dinitrophenol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2,4-Dinitrotoluene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2,6-Dinitrotoluene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2-Chloronaphthalene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2-Chlorophenol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2-Methylnaphthalene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2-Methylphenol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2-Nitroaniline	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
2-Nitrophenol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
3,3'-Dichlorobenzidine	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
3+4-Methylphenol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
3-Nitroaniline	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
4,6-Dinitro-2-methylphenol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
4-Bromophenyl phenyl ether	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
4-Chloro-3-methylphenol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
4-Chloroaniline	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
4-Chlorophenyl phenyl ether	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
4-Nitroaniline	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
4-Nitrophenol	U	170		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Acenaphthene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Acenaphthylene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Aniline	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Anthracene	150	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Azobenzene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Benzidine	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Benzo(a)anthracene	740	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Benzo(a)pyrene	820	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Benzo(b)fluoranthene	860	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Benzo(g,h,i)perylene	720	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1 (Composite)
Lab Order:	0710077	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710077-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
Benzo(k)fluoranthene	600	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Benzoic acid	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Benzyl alcohol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Bis(2-chloroethoxy)methane	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Bis(2-chloroethyl)ether	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Bis(2-chloroisopropyl)ether	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Bis(2-ethylhexyl)phthalate	140	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Butyl benzyl phthalate	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Carbazole	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Chrysene	770	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Dibenzo(a,h)anthracene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Dibenzofuran	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Diethyl phthalate	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Dimethyl phthalate	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Di-n-butyl phthalate	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Di-n-octyl phthalate	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Fluoranthene	1300	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Fluorene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Hexachlorobenzene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Hexachlorobutadiene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Hexachlorocyclopentadiene	U	170		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Hexachloroethane	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Indeno(1,2,3-c,d)pyrene	630	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Isophorone	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Naphthalene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Nitrobenzene	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
N-Nitrosodimethylamine	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
N-Nitrosodi-n-propylamine	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
N-Nitrosodiphenylamine	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Pentachlorophenol	U	170		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Phenanthrene	650	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Phenol	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Pyrene	1300	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Pyridine	U	140		µg/Kg-dry	1	10/8/2007 7:24:00 PM
Surr: 2,4,6-Tribromophenol	46.6	22-124		%REC	1	10/8/2007 7:24:00 PM
Surr: 2-Fluorobiphenyl	58.9	27-119		%REC	1	10/8/2007 7:24:00 PM
Surr: 2-Fluorophenol	69.9	21-123		%REC	1	10/8/2007 7:24:00 PM
Surr: 4-Terphenyl-d14	57.8	28-126		%REC	1	10/8/2007 7:24:00 PM
Surr: Nitrobenzene-d5	59.8	21-118		%REC	1	10/8/2007 7:24:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1 (Composite)
Lab Order:	0710077	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710077-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
Surr: Phenol-d6	70.3	18-129		%REC	1	10/8/2007 7:24:00 PM
TOTAL SULFUR		**TSULF**				Analyst: **PB**
Sulfur, Total	0.0196	0.00115		wt%-dry	1	10/9/2007
TOTAL ORGANIC HALIDES (TOX)		**SW9023**				Analyst: **JP**
Total Organic Halides (TOX)	U	11.5		mg/Kg-dry	1	10/9/2007

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	WC-1 (Composite)
Lab Order:	0710077	**Tag Number:**	
Project:	Empire State Varnish	**Collection Date:**	10/1/2007 11:30:00 AM
Lab ID:	0710077-02B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP PESTICIDES SW-846 8081		**SW8081B**		**SW3510B**		Analyst: **MMR**
Chlordane	U	0.015		mg/L	1	10/10/2007 1:33:00 PM
Endrin	U	0.0060		mg/L	1	10/10/2007 1:33:00 PM
gamma-BHC	U	0.0020		mg/L	1	10/10/2007 1:33:00 PM
Heptachlor	U	0.0015		mg/L	1	10/10/2007 1:33:00 PM
Heptachlor epoxide	U	0.0015		mg/L	1	10/10/2007 1:33:00 PM
Methoxychlor	U	0.0020		mg/L	1	10/10/2007 1:33:00 PM
Toxaphene	U	0.010		mg/L	1	10/10/2007 1:33:00 PM
Surr: DCB	85.3	26-130		%REC	1	10/10/2007 1:33:00 PM
Surr: TCX	80.0	29-127		%REC	1	10/10/2007 1:33:00 PM
TCLP HERBICIDES SW-846 8321		**SW8151A**		**SW3510B**		Analyst: **AR**
2,4,5-TP (Silvex)	U	0.10		mg/L	1	10/9/2007 7:45:10 PM
2,4-D	U	1.0		mg/L	1	10/9/2007 7:45:10 PM
Surr: 2,4-DCAA	60.4	17-130		%REC	1	10/9/2007 7:45:10 PM
TCLP SEMIVOLATILES SW-846 8270		**SW8270D**		**SW3510**		Analyst: **PT**
2,4,5-Trichlorophenol	U	0.050		mg/L	1	10/9/2007 7:52:00 PM
2,4,6-Trichlorophenol	U	0.085		mg/L	1	10/9/2007 7:52:00 PM
2,4-Dinitrotoluene	U	0.045		mg/L	1	10/9/2007 7:52:00 PM
2-Methylphenol	U	0.035		mg/L	1	10/9/2007 7:52:00 PM
3+4-Methylphenol	U	0.040		mg/L	1	10/9/2007 7:52:00 PM
Hexachlorobenzene	U	0.090		mg/L	1	10/9/2007 7:52:00 PM
Hexachlorobutadiene	U	0.15		mg/L	1	10/9/2007 7:52:00 PM
Hexachloroethane	U	0.040		mg/L	1	10/9/2007 7:52:00 PM
Nitrobenzene	U	0.035		mg/L	1	10/9/2007 7:52:00 PM
Pentachlorophenol	U	0.17		mg/L	1	10/9/2007 7:52:00 PM
Pyridine	U	0.12		mg/L	1	10/9/2007 7:52:00 PM
Surr: 2,4,6-Tribromophenol	73.0	22-124		%REC	1	10/9/2007 7:52:00 PM
Surr: 2-Fluorobiphenyl	73.6	18-124		%REC	1	10/9/2007 7:52:00 PM
Surr: 2-Fluorophenol	85.5	16-112		%REC	1	10/9/2007 7:52:00 PM
Surr: 4-Terphenyl-d14	84.1	17-121		%REC	1	10/9/2007 7:52:00 PM
Surr: Nitrobenzene-d5	71.7	19-115		%REC	1	10/9/2007 7:52:00 PM
Surr: Phenol-d6	86.5	12-102		%REC	1	10/9/2007 7:52:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Wednesday, October 10, 2007

Steve Malinowski
CA Rich Consultants Inc.
17 Dupont Street
Plainview, NY 11803

TEL: (516) 576-8844
FAX (516) 576-0093

RE: Empire

Order No.: 0710082

Dear Steve Malinowski:

American Analytical Laboratories, LLC. received 4 sample(s) on 10/5/2007 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT: CA Rich Consultants Inc.
Project: Empire
Lab Order: 0710082

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0710082-01A	G1		10/5/2007 1:47:00 PM	10/5/2007
0710082-01B	G1		10/5/2007 1:47:00 PM	10/5/2007
0710082-02A	G2		10/5/2007 1:49:00 PM	10/5/2007
0710082-02B	G2		10/5/2007 1:49:00 PM	10/5/2007
0710082-03A	G3		10/5/2007 1:52:00 PM	10/5/2007
0710082-03B	G3		10/5/2007 1:52:00 PM	10/5/2007
0710082-04A	G4		10/5/2007 1:56:00 PM	10/5/2007
0710082-04B	G4		10/5/2007 1:56:00 PM	10/5/2007

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
GA Rich Inc
12 Dupont St.
Plainview NY

CONTACT: Steve Malinowski

SAMPLER (SIGNATURE) Stephen Malinowski

SAMPLER NAME (PRINT) Steve Malinowski

SAMPLE(S) SEALED YES / NO

CORRECT CONTAINER(S) YES / NO

PROJECT LOCATION: EMPIRE

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: VOC 8260	TCL VOC	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0710052-01AB	S	1	10/5 147pm	G1	X	X	
-02AB	S	1	10/5 149pm	G2	X	X	
-03AB	S	1	10/5 152pm	G3	X	X	
-04AB	S	1	10/5 156pm	G4	X	X	

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: ASAP
NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Stephen Malinowski	10/5/07 4:18	Stephen Malinowski	Karen Kelly	10/5/07 4:26	KAREN KELLY

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G1
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:47:00 PM
Lab ID:	0710082-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	12.0	0		wt%	1	10/8/2007
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,1,1-Trichloroethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,1,2,2-Tetrachloroethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,1,2-Trichloroethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,1-Dichloroethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,1-Dichloroethene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,1-Dichloropropene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,2,3-Trichlorobenzene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,2,3-Trichloropropane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,2,4,5-Tetramethylbenzene	13	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,2,4-Trichlorobenzene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,2,4-Trimethylbenzene	5.8	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,2-Dibromo-3-chloropropane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,2-Dibromoethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,2-Dichlorobenzene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,2-Dichloroethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,2-Dichloropropane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,3,5-Trimethylbenzene	120	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,3-Dichlorobenzene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,3-dichloropropane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
1,4-Dichlorobenzene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
2,2-Dichloropropane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
2-Butanone	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
2-Chloroethyl vinyl ether	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
2-Chlorotoluene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
2-Hexanone	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
2-Propanol	U	55		µg/Kg-dry	1	10/8/2007 1:56:00 PM
4-Chlorotoluene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
4-Isopropyltoluene	2.6	5.5	J	µg/Kg-dry	1	10/8/2007 1:56:00 PM
4-Methyl-2-pentanone	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Acetone	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Acrolein	U	28		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Acrylonitrile	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Benzene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Bromobenzene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Bromochloromethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G1
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:47:00 PM
Lab ID:	0710082-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Bromodichloromethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Bromoform	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Bromomethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Carbon disulfide	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Carbon tetrachloride	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Chlorobenzene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Chlorodifluoromethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Chloroethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Chloroform	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Chloromethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
cis-1,2-Dichloroethene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
cis-1,3-Dichloropropene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Dibromochloromethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Dibromomethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Dichlorodifluoromethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Diisopropyl ether	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Ethanol	U	28		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Ethyl acetate	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Ethylbenzene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Freon-114	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Hexachlorobutadiene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Isopropyl acetate	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Isopropylbenzene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
m,p-Xylene	U	11		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Methyl tert-butyl ether	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Methylene chloride	8.5	5.5	B	µg/Kg-dry	1	10/8/2007 1:56:00 PM
n-Amyl acetate	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Naphthalene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
n-Butyl acetate	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
n-Butylbenzene	21	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
n-Propyl acetate	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
n-Propylbenzene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
o-Xylene	7.4	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
p-Diethylbenzene	1.9	5.5	J	µg/Kg-dry	1	10/8/2007 1:56:00 PM
p-Ethyltoluene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
sec-Butylbenzene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Styrene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
t-Butyl alcohol	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
tert-Butylbenzene	2.7	5.5	J	µg/Kg-dry	1	10/8/2007 1:56:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G1
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:47:00 PM
Lab ID:	0710082-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Tetrachloroethene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Toluene	1.4	5.5	J	µg/Kg-dry	1	10/8/2007 1:56:00 PM
trans-1,2-Dichloroethene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
trans-1,3-Dichloropropene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Trichloroethene	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Trichlorofluoromethane	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Vinyl acetate	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Vinyl chloride	U	5.5		µg/Kg-dry	1	10/8/2007 1:56:00 PM
Surr: 4-Bromofluorobenzene	120	61-133		%REC	1	10/8/2007 1:56:00 PM
Surr: Dibromofluoromethane	107	61-139		%REC	1	10/8/2007 1:56:00 PM
Surr: Toluene-d8	90.1	57-131		%REC	1	10/8/2007 1:56:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G1
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:47:00 PM
Lab ID:	0710082-01B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP VOLATILES		**SW8260B**				Analyst: **LDS**
1,1-Dichloroethene	U	0.00055		mg/L	1	10/9/2007 12:01:00 PM
1,2-Dichloroethane	U	0.00065		mg/L	1	10/9/2007 12:01:00 PM
1,4-Dichlorobenzene	U	0.00085		mg/L	1	10/9/2007 12:01:00 PM
2-Butanone	U	0.0085		mg/L	1	10/9/2007 12:01:00 PM
Benzene	U	0.00060		mg/L	1	10/9/2007 12:01:00 PM
Carbon tetrachloride	U	0.00050		mg/L	1	10/9/2007 12:01:00 PM
Chlorobenzene	U	0.0010		mg/L	1	10/9/2007 12:01:00 PM
Chloroform	U	0.00050		mg/L	1	10/9/2007 12:01:00 PM
Tetrachloroethene	U	0.00070		mg/L	1	10/9/2007 12:01:00 PM
Trichloroethene	U	0.0010		mg/L	1	10/9/2007 12:01:00 PM
Vinyl chloride	U	0.0012		mg/L	1	10/9/2007 12:01:00 PM
Surr: 4-Bromofluorobenzene	108	54-134		%REC	1	10/9/2007 12:01:00 PM
Surr: Dibromofluoromethane	94.1	52-132		%REC	1	10/9/2007 12:01:00 PM
Surr: Toluene-d8	102	51-127		%REC	1	10/9/2007 12:01:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G2
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:49:00 PM
Lab ID:	0710082-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	11.1	0		wt%	1	10/8/2007
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,1,1-Trichloroethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,1,2,2-Tetrachloroethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,1,2-Trichloroethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,1-Dichloroethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,1-Dichloroethene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,1-Dichloropropene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,2,3-Trichlorobenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,2,3-Trichloropropane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,2,4,5-Tetramethylbenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,2,4-Trichlorobenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,2,4-Trimethylbenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,2-Dibromo-3-chloropropane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,2-Dibromoethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,2-Dichlorobenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,2-Dichloroethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,2-Dichloropropane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,3,5-Trimethylbenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,3-Dichlorobenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,3-dichloropropane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
1,4-Dichlorobenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
2,2-Dichloropropane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
2-Butanone	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
2-Chloroethyl vinyl ether	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
2-Chlorotoluene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
2-Hexanone	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
2-Propanol	U	57		µg/Kg-dry	1	10/8/2007 2:33:00 PM
4-Chlorotoluene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
4-Isopropyltoluene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
4-Methyl-2-pentanone	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Acetone	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Acrolein	U	29		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Acrylonitrile	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Benzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Bromobenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Bromochloromethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G2
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:49:00 PM
Lab ID:	0710082-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Bromodichloromethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Bromoform	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Bromomethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Carbon disulfide	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Carbon tetrachloride	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Chlorobenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Chlorodifluoromethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Chloroethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Chloroform	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Chloromethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
cis-1,2-Dichloroethene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
cis-1,3-Dichloropropene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Dibromochloromethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Dibromomethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Dichlorodifluoromethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Diisopropyl ether	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Ethanol	U	29		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Ethyl acetate	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Ethylbenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Freon-114	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Hexachlorobutadiene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Isopropyl acetate	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Isopropylbenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
m,p-Xylene	U	11		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Methyl tert-butyl ether	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Methylene chloride	5.9	5.7	B	µg/Kg-dry	1	10/8/2007 2:33:00 PM
n-Amyl acetate	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Naphthalene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
n-Butyl acetate	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
n-Butylbenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
n-Propyl acetate	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
n-Propylbenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
o-Xylene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
p-Diethylbenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
p-Ethyltoluene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
sec-Butylbenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Styrene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
t-Butyl alcohol	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
tert-Butylbenzene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G2
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:49:00 PM
Lab ID:	0710082-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Tetrachloroethene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Toluene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
trans-1,2-Dichloroethene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
trans-1,3-Dichloropropene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Trichloroethene	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Trichlorofluoromethane	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Vinyl acetate	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Vinyl chloride	U	5.7		µg/Kg-dry	1	10/8/2007 2:33:00 PM
Surr: 4-Bromofluorobenzene	106	61-133		%REC	1	10/8/2007 2:33:00 PM
Surr: Dibromofluoromethane	100	61-139		%REC	1	10/8/2007 2:33:00 PM
Surr: Toluene-d8	87.5	57-131		%REC	1	10/8/2007 2:33:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G2
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:49:00 PM
Lab ID:	0710082-02B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP VOLATILES		**SW8260B**				Analyst: **LDS**
1,1-Dichloroethene	U	0.00055		mg/L	1	10/9/2007 12:26:00 PM
1,2-Dichloroethane	U	0.00065		mg/L	1	10/9/2007 12:26:00 PM
1,4-Dichlorobenzene	U	0.00085		mg/L	1	10/9/2007 12:26:00 PM
2-Butanone	U	0.0085		mg/L	1	10/9/2007 12:26:00 PM
Benzene	U	0.00060		mg/L	1	10/9/2007 12:26:00 PM
Carbon tetrachloride	U	0.00050		mg/L	1	10/9/2007 12:26:00 PM
Chlorobenzene	U	0.0010		mg/L	1	10/9/2007 12:26:00 PM
Chloroform	U	0.00050		mg/L	1	10/9/2007 12:26:00 PM
Tetrachloroethene	U	0.00070		mg/L	1	10/9/2007 12:26:00 PM
Trichloroethene	U	0.0010		mg/L	1	10/9/2007 12:26:00 PM
Vinyl chloride	U	0.0012		mg/L	1	10/9/2007 12:26:00 PM
Surr: 4-Bromofluorobenzene	110	54-134		%REC	1	10/9/2007 12:26:00 PM
Surr: Dibromofluoromethane	127	52-132		%REC	1	10/9/2007 12:26:00 PM
Surr: Toluene-d8	95.9	51-127		%REC	1	10/9/2007 12:26:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G3
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:52:00 PM
Lab ID:	0710082-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	13.0	0		wt%	1	10/8/2007
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,1,1-Trichloroethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,1,2,2-Tetrachloroethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,1,2-Trichloroethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,1-Dichloroethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,1-Dichloroethene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,1-Dichloropropene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,2,3-Trichlorobenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,2,3-Trichloropropane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,2,4,5-Tetramethylbenzene	13	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,2,4-Trichlorobenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,2,4-Trimethylbenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,2-Dibromo-3-chloropropane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,2-Dibromoethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,2-Dichlorobenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,2-Dichloroethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,2-Dichloropropane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,3,5-Trimethylbenzene	9.1	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,3-Dichlorobenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,3-dichloropropane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
1,4-Dichlorobenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
2,2-Dichloropropane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
2-Butanone	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
2-Chloroethyl vinyl ether	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
2-Chlorotoluene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
2-Hexanone	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
2-Propanol	U	58		µg/Kg-dry	1	10/8/2007 3:10:00 PM
4-Chlorotoluene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
4-Isopropyltoluene	3.1	5.8	J	µg/Kg-dry	1	10/8/2007 3:10:00 PM
4-Methyl-2-pentanone	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Acetone	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Acrolein	U	29		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Acrylonitrile	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Benzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Bromobenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Bromochloromethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G3
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:52:00 PM
Lab ID:	0710082-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Bromodichloromethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Bromoform	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Bromomethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Carbon disulfide	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Carbon tetrachloride	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Chlorobenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Chlorodifluoromethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Chloroethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Chloroform	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Chloromethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
cis-1,2-Dichloroethene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
cis-1,3-Dichloropropene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Dibromochloromethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Dibromomethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Dichlorodifluoromethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Diisopropyl ether	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Ethanol	U	29		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Ethyl acetate	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Ethylbenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Freon-114	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Hexachlorobutadiene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Isopropyl acetate	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Isopropylbenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
m,p-Xylene	U	12		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Methyl tert-butyl ether	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Methylene chloride	6.8	5.8	B	µg/Kg-dry	1	10/8/2007 3:10:00 PM
n-Amyl acetate	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Naphthalene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
n-Butyl acetate	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
n-Butylbenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
n-Propyl acetate	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
n-Propylbenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
o-Xylene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
p-Diethylbenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
p-Ethyltoluene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
sec-Butylbenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Styrene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
t-Butyl alcohol	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
tert-Butylbenzene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G3
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:52:00 PM
Lab ID:	0710082-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Tetrachloroethene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Toluene	2.4	5.8	J	µg/Kg-dry	1	10/8/2007 3:10:00 PM
trans-1,2-Dichloroethene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
trans-1,3-Dichloropropene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Trichloroethene	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Trichlorofluoromethane	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Vinyl acetate	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Vinyl chloride	U	5.8		µg/Kg-dry	1	10/8/2007 3:10:00 PM
Surr: 4-Bromofluorobenzene	124	61-133		%REC	1	10/8/2007 3:10:00 PM
Surr: Dibromofluoromethane	102	61-139		%REC	1	10/8/2007 3:10:00 PM
Surr: Toluene-d8	88.4	57-131		%REC	1	10/8/2007 3:10:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G3
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:52:00 PM
Lab ID:	0710082-03B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP VOLATILES		**SW8260B**				Analyst: **LDS**
1,1-Dichloroethene	U	0.00055		mg/L	1	10/9/2007 12:52:00 PM
1,2-Dichloroethane	U	0.00065		mg/L	1	10/9/2007 12:52:00 PM
1,4-Dichlorobenzene	U	0.00085		mg/L	1	10/9/2007 12:52:00 PM
2-Butanone	U	0.0085		mg/L	1	10/9/2007 12:52:00 PM
Benzene	U	0.00060		mg/L	1	10/9/2007 12:52:00 PM
Carbon tetrachloride	U	0.00050		mg/L	1	10/9/2007 12:52:00 PM
Chlorobenzene	U	0.0010		mg/L	1	10/9/2007 12:52:00 PM
Chloroform	U	0.00050		mg/L	1	10/9/2007 12:52:00 PM
Tetrachloroethene	U	0.00070		mg/L	1	10/9/2007 12:52:00 PM
Trichloroethene	U	0.0010		mg/L	1	10/9/2007 12:52:00 PM
Vinyl chloride	U	0.0012		mg/L	1	10/9/2007 12:52:00 PM
Surr: 4-Bromofluorobenzene	108	54-134		%REC	1	10/9/2007 12:52:00 PM
Surr: Dibromofluoromethane	90.8	52-132		%REC	1	10/9/2007 12:52:00 PM
Surr: Toluene-d8	97.9	51-127		%REC	1	10/9/2007 12:52:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G4
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:56:00 PM
Lab ID:	0710082-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	12.6	0		wt%	1	10/8/2007
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,1,1-Trichloroethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,1,2,2-Tetrachloroethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,1,2-Trichloroethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,1-Dichloroethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,1-Dichloroethene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,1-Dichloropropene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,2,3-Trichlorobenzene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,2,3-Trichloropropane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,2,4,5-Tetramethylbenzene	11	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,2,4-Trichlorobenzene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,2,4-Trimethylbenzene	42	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,2-Dibromo-3-chloropropane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,2-Dibromoethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,2-Dichlorobenzene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,2-Dichloroethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,2-Dichloropropane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,3,5-Trimethylbenzene	99	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,3-Dichlorobenzene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,3-dichloropropane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
1,4-Dichlorobenzene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
2,2-Dichloropropane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
2-Butanone	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
2-Chloroethyl vinyl ether	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
2-Chlorotoluene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
2-Hexanone	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
2-Propanol	U	56		µg/Kg-dry	1	10/8/2007 3:48:00 PM
4-Chlorotoluene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
4-Isopropyltoluene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
4-Methyl-2-pentanone	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Acetone	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Acrolein	U	28		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Acrylonitrile	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Benzene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Bromobenzene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Bromochloromethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G4
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:56:00 PM
Lab ID:	0710082-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Bromodichloromethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Bromoform	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Bromomethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Carbon disulfide	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Carbon tetrachloride	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Chlorobenzene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Chlorodifluoromethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Chloroethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Chloroform	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Chloromethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
cis-1,2-Dichloroethene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
cis-1,3-Dichloropropene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Dibromochloromethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Dibromomethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Dichlorodifluoromethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Diisopropyl ether	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Ethanol	U	28		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Ethyl acetate	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Ethylbenzene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Freon-114	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Hexachlorobutadiene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Isopropyl acetate	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Isopropylbenzene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
m,p-Xylene	U	11		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Methyl tert-butyl ether	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Methylene chloride	7.0	5.6	B	µg/Kg-dry	1	10/8/2007 3:48:00 PM
n-Amyl acetate	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Naphthalene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
n-Butyl acetate	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
n-Butylbenzene	15	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
n-Propyl acetate	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
n-Propylbenzene	10	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
o-Xylene	2.9	5.6	J	µg/Kg-dry	1	10/8/2007 3:48:00 PM
p-Diethylbenzene	8.1	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
p-Ethyltoluene	92	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
sec-Butylbenzene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Styrene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
t-Butyl alcohol	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
tert-Butylbenzene	93	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G4
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:56:00 PM
Lab ID:	0710082-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LDS**
Tetrachloroethene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Toluene	1.7	5.6	J	µg/Kg-dry	1	10/8/2007 3:48:00 PM
trans-1,2-Dichloroethene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
trans-1,3-Dichloropropene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Trichloroethene	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Trichlorofluoromethane	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Vinyl acetate	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Vinyl chloride	U	5.6		µg/Kg-dry	1	10/8/2007 3:48:00 PM
Surr: 4-Bromofluorobenzene	115	61-133		%REC	1	10/8/2007 3:48:00 PM
Surr: Dibromofluoromethane	103	61-139		%REC	1	10/8/2007 3:48:00 PM
Surr: Toluene-d8	86.4	57-131		%REC	1	10/8/2007 3:48:00 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	G4
Lab Order:	0710082	**Tag Number:**	
Project:	Empire	**Collection Date:**	10/5/2007 1:56:00 PM
Lab ID:	0710082-04B	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TCLP VOLATILES		**SW8260B**				Analyst: **LDS**
1,1-Dichloroethene	U	0.00055		mg/L	1	10/9/2007 1:17:00 PM
1,2-Dichloroethane	U	0.00065		mg/L	1	10/9/2007 1:17:00 PM
1,4-Dichlorobenzene	U	0.00085		mg/L	1	10/9/2007 1:17:00 PM
2-Butanone	U	0.0085		mg/L	1	10/9/2007 1:17:00 PM
Benzene	U	0.00060		mg/L	1	10/9/2007 1:17:00 PM
Carbon tetrachloride	U	0.00050		mg/L	1	10/9/2007 1:17:00 PM
Chlorobenzene	U	0.0010		mg/L	1	10/9/2007 1:17:00 PM
Chloroform	U	0.00050		mg/L	1	10/9/2007 1:17:00 PM
Tetrachloroethene	U	0.00070		mg/L	1	10/9/2007 1:17:00 PM
Trichloroethene	U	0.0010		mg/L	1	10/9/2007 1:17:00 PM
Vinyl chloride	U	0.0012		mg/L	1	10/9/2007 1:17:00 PM
Surr: 4-Bromofluorobenzene	113	54-134		%REC	1	10/9/2007 1:17:00 PM
Surr: Dibromofluoromethane	131	52-132		%REC	1	10/9/2007 1:17:00 PM
Surr: Toluene-d8	95.7	51-127		%REC	1	10/9/2007 1:17:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

CA RICH
ENVIRONMENTAL SPECIALISTS

October 11, 2007

Allied Environmental Group
2163 Merrick Avenue
Merrick, NY 11566

RE: **ESV Remediation, LLC**
38 Varick Street
Brooklyn, NY

Dear Mr. Shapiro:

As you requested during our conversation earlier today, below is a brief summary of the historical usage for the above-referenced property (the Site).

The Site is located at 38 Varick Street in the Greenpoint section of Brooklyn, New York. The 33,000 square foot irregular shaped parcel has been utilized for Paint and Varnish Manufacturing purposes since approximately 1935. The Site is improved with multiple small buildings in an urban area characterized by heavy industrial use for the past 100+ years. The Site is being decommissioned and the soil requiring disposal was recently unearthed from an area adjacent to former underground storage tanks.

On October 1, 2007, CA RICH collected composite sample identified as WC-1 from a stockpile of soil displaying readings on a field photo-ionization detector. The sample was submitted to American Analytical Laboratories in Farmingdale, NY and analyzed for an extended list of parameters. The results are attached in work order # 071007. Based on these results additional TCLP analysis were requested on sample WC-1 to meet the testing requirements of the Clean Earth of Philadelphia acceptance criteria. The results are included in work order # 070077.

On October 5, 2007 four grab samples were collected from the soil stockpile at the site and submitted to American Analytical and tested for volatile organic compounds (VOCs) and TCLP VOCs. These results are included in work order # 0710082. An additional grab sample of soil from the west side of the excavation displaying elevated PID readings was analyzed for VOCs and diesel and gasoline range organic compounds. The results for sample identified as west 2 foot are reported in work order # 071008. An additional grab sample was tested for TCLP VOCs to compliment the VOC results in work order # 0710077.

If you have any questions or need further information to secure disposal facility approval for the soil, please contact me immediately.

Yours truly,

CA RICH CONSULTANTS, INC.

Stephen Malinowski
Project Manager

Approval Number: _____

Generator Information:
Name: ESV Remediation LLC

Address: 38 Varick Street

City: Brooklyn State: NY ZIP: 11222

Contact Point: Richard Stark Phone: 718-388-5450

Billing Information:
Company Name: Allied Env. Group, Inc.

Address: 2163 Merrick Avenue

City: Merrick, State: NY ZIP: 11566

Contact Point: Steve Sanders Phone: 800-969-3478

Site Description:
Address: 38 Varick Street

City: Brooklyn State: NY ZIP: 11222

Existing Site Land Use: Varnish & Paint Manufacturing How Many Years: 72 years
Previous site Land Uses and Years Each: Vacant
Is this site a State of Federal Superfund Site: ___ Yes X No

Soil Description:
Source of Contamination:(UST or other) Mineral Spirits USTs/historic nearby Rail Operation

Estimated Volume of Soil: 540+ tons _____ Cubic Yards

Type of Contamination(gas,Kero,#2,#6,Oil,Etc.): Mineral Spirits
Waste Composition (Identify all components i.e. clay, rock, debris, plastic, etc. total should equal 100%)

Silt = 25% Clay = 2% Rubble = 3% _____ = ___%

SAND = 70% _____ = ___% _____ = ___% _____ = ___%

Certification

I hereby certify that the above information is a true and accurate description to the best of my knowledge of the nonhazardous material we intend to ship to Clean Earth of Philadelphia, Inc.

Signed: _____ Date: 10-11-07

Printed Name: Richard Stark Title: President/Owner

CEP+Profile

Approval Number: _____

NON-HAZARDOUS WASTE CERTIFICATION SHEET

PCB Certification

I, the undersigned, under penalty of law, do hereby certify that the material to be submitted to the Clean Earth of Philadelphia (CEP) facility does not contain polychlorinated biphenols (PCBs) at concentration greater than 50 ppm as defined in 40 CFR 761.

Herbicide/Pesticides Certification

I, the undersigned, under penalty of law, do hereby certify that the material to be submitted to the Clean Earth of Philadelphia facility does not contain Herbicides or Pesticides at concentrations that would render it as hazardous waste defined in 40 CFR 261.

Non-Hazardous Waste Certification

I, the undersigned, under penalty of law, do certify that the material submitted to the Clean Earth of Philadelphia facility is not a listed hazardous waste, nor does it contain a listed hazardous waste, nor does it exhibit any of the characteristics of a hazardous waste as defined in 40 CFR 261.

The undersigned also acknowledges they have used due diligence in determining the Non-Hazardous status, of the said material, as defined in 40 CFR. Should at any time after delivery, the material accepted by Clean Earth of Philadelphia be found non-conforming to the above, it becomes the responsibility of the Generator/Agent to remove the waste from Clean Earth of Philadelphia property within (5) days of notification.

It is the Generator/Agent's responsibility to abide by all Federal, State, and Local regulations associated with the removal of their waste. If the waste is not removed within the specified time period said disposal shall be arranged by a Clean Earth of Philadelphia representative and billed to the Generator/Agent at cost plus basis. Furthermore, the Generator/Agent will be responsible for any and all costs for decontamination required at CEP that is related to the Generator/Agent's material and all liability for such nonconforming waste shall revert to the Generator/Agent.

I CERTIFY THAT I AM AUTHORIZED TO EXECUTE THIS ON BEHALF OF:

ESV Remediation LLC

Generator's Name

Richard Stark — Owner/President

Print Name — **Title**

10/11/07

Authorized Signature — **Date:**

CEP

2540-PM-LRWM0395 Rev 1/2003
Form

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF LAND RECYCLING AND WASTE MANAGEMENT

FORM U

REQUEST TO PROCESS OR DISPOSE OF RESIDUAL WASTE

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form U, reference the item number and identify the date prepared. The date on attached sheets needs to match the date noted below.

DEP USE ONLY
Date Received & General Notes

Date Prepared/Revised

SECTION A. LANDFILL CLIENT (LANDFILL OR PROCESSING FACILITY OWNER) INFORMATION

DEP Client ID#: 378
DEP Client Type / Code: NPACO
Organization Name or Registered Fictitious Name: Clean Earth, Inc

SECTION B. LANDFILL SITE (LANDFILL OR PROCESSING FACILITY) INFORMATION

DEP Site ID#
Site Name: Clean Earth of Philadelphia, inc
Landfill Permit ID#: 301220
Site Contact Last Name: Tanner
First Name: Dane
MI: M
Suffix
Site Contact Title: Laboratory Director
Site Contact Email Address: tannerd@cleanearthinc.com

SECTION C. GENERATOR CLIENT (GENERATOR OF THE WASTE) INFORMATION

Company Name: ESV Remediation LLC
DEP Generator ID#
Company Contact Last Name: Stark
First Name: Richard
MI
Suffix: Mr.
Company Mailing Address Line 1: 38 Varick Street
Company Mailing Address Line 2
Company Address Last Line – City: Brooklyn
State: NY
Zip+4: 11222
Country: USA
Company Phone: 718 - 388 - 5450
Ext
Company Email Address: esvco@cs.com
Company Contact Last Name
First Name
MI
Suffix
Contact Phone
Ext
Contact Email Address
If a Subsidiary, Name of Parent Company

Is the waste generated at the Company Mailing Address (noted above)? ☒ Yes ☐ No
If 'No', describe location of waste generation and storage.

Township
County
State

SECTION D. WASTE DESCRIPTION

Residual Waste Code	Residual Waste Code Description	Amount	Unit of Measure	Time Frame
		540+	☐ cu yd ☐ gal ☐ lb ☒ ton	☒ One Time

1. GENERAL PROPERTIES

a. pH Range: 7.6 ~~to~~ (based on analyses or knowledge)

b. Physical State
☐ Liquid Waste (EPA Method 9095)
☒ Solid (EPA Method 9095)
☐ Gas (ambient temperature & pressure)

c. Physical Appearance
Color: Brown / Black
Odor: slight smell of mineral spirits
Number of Solid or Liquid Phases of Separation: 1
Describe each phase of separation.

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Form

d. Attached is information from the generator certifying that a hazardous waste determination has been done and that the waste is not hazardous waste as defined in 40 CFR 261, as incorporated by reference at 25 Pa. Code 261a.1. ☒ Yes ☐ No
Caution: If 'No', the application form is incomplete.

e. Is the waste treated hazardous waste? ☐ Yes ☒ No
If 'Yes', list the hazardous waste code(s) that apply to the hazardous waste before treatment.

If 'Yes', what treatment option was selected?

What limit was required to be met by the treatment option?

Provided a copy of the certification required under 40 CFR 268.7(a), as incorporated by reference at 25 Pa. Code 268a.1, that the waste meets all the land disposal restriction requirements, as specified in 40 CFR Part 268, Subpart D (Land Disposal Restrictions-Treatment Standards). ☐ Yes ☐ No

f. Has the waste been delisted as a hazardous waste by DEP or US EPA? ☐ Yes ☐ No ☒ N/A

g. Has the waste been accepted for disposal/processing at another Pennsylvania facility? ☐ Yes ☒ No
If 'Yes', list the facility permit ID number(s).

h. Has an application for disposal/processing of the waste at another Pennsylvania facility been submitted? ☐ Yes ☒ No
If 'Yes', list the facility permit ID number(s).

2. CHEMICAL ANALYSIS ATTACHMENTS

a. Has a detailed physical and chemical characterization of the waste and its leachate been conducted? ☒ Yes ☐ No
If 'No', provide detailed explanation supporting use of generator knowledge in lieu of actual chemical analysis.

If 'Yes', attached is a description of the waste sampling method, in accordance with the waste sampling plan as required in §271.611(a)(3) or §287.132(a)(3). ☒ Yes ☐ No

b. Laboratory Registration Number

3. PROCESS DESCRIPTION & SCHEMATIC ATTACHMENTS

a. Attached is a detailed description of the manufacturing and/or pollution control processes producing the waste. ☐ Yes ☒ No
If 'No', provide explanation.

b. Attached is a schematic of the manufacturing and/or pollution control processes producing the waste. ☐ Yes ☒ No
If 'No', provide explanation.

c. Attached is the substantiation for a confidentiality claim (if portions of the information submitted are confidential). ☐ Yes ☐ No ☒ N/A

4. CHEMICAL ANALYSIS WAIVER

Categories of residual wastes that qualify for the waiving of chemical analysis by the Department are listed below. Check the appropriate box(es) that match the waste proposed to be accepted for disposal.

- ☐ burnt demolition debris
- ☐ cured rubber scrap
- ☐ fabric/cloth/textile/leather wastes (excluding treatment sludges)
- ☐ food wastes (excluding treatment sludges)
- ☐ metal scrap (excluding powdered grindings or if contaminated with fluids or oils)
- ☐ shingle scrap
- ☐ waste plastic (excluding extrusion manufacturing & uncured resins)
- ☐ Other (explain)
- ☐ carpet scraps
- ☐ empty containers (uncontaminated)
- ☐ fiberglass insulation scrap
- ☐ hot drained used oil filters (non-terne plated)
- ☐ sawdust (excluding treated wood)
- ☐ waste paper
- ☐ wood wastes (excluding treated wood)

All waste types not listed above must be approved in writing in the permit by the Department prior to processing or disposal facility acceptance.

SECTION E. PROPOSED PROCESSING, STORAGE AND/OR DISPOSAL METHOD

Will any special handling procedures (besides direct disposal) described in the waste acceptance plan, be used when managing the waste? ☒ Yes ☐ No
If 'Yes', describe. Material will be processed in accordance with Solid Waste Permit 301220

Is this material re-used for construction or operation of the facility? ☐ Yes ☒ No
If Yes', describe.

2540-PM-LRWM0395 Rev 1/2003
Form

SECTION F. SOURCE REDUCTION STRATEGY

Form 25R must be completed by the generator and attached to this application unless waived in the instructions to that form.

Form 25R attached. ☐ Yes ☐ No ☑ Waived

SECTION G. CERTIFICATION OF GENERATOR

I hereby certify that the statements of fact contained therein are true and correct to the best of my knowledge, information and belief. This statement and verification is made subject to the penalties of 18 Pa. C.S.A. Section 4904, relating to un-sworn falsification to authorities.

Name of Responsible Official Richard Stark **Title** President/Owner

Signature **Date** 10-11-07

SECTION H. CERTIFICATION OF PROCESSING OR DISPOSAL FACILITY

I hereby certify that the statements of fact contained therein are true and correct to the best of my knowledge, information and belief. This statement and verification is made subject to the penalties of 18 Pa. C.S.A. Section 4904, relating to un-sworn falsification to authorities.

Name of Responsible Official **Title**

Signature **Date**

CLEAN EARTH of PHILADELPHIA

SITE SAMPLING DIAGRAM

Composite 1 grab = 10-1-07

Customer ALLIED ENV. Group
Generating/Job Name: ESV Remediation LLC

Sampling Date 4 grabs = 10-5-07
Street Location of Job: 38 Varick Street

The sampling map should illustrate the job area. Show the streets and their names, plus any buildings and/or Residences relating to the job. Draw a diagram of the excavation area and/or soil stockpiles. Show where each sample was taken given each separate ID number or letter. Indicate which samples were taken for TPH, TOX and composite sample sites.

See Attached Site Plan with Sampling Locations

SAMPLING NARRATIVE

All sampling performed was in accordance with EPA SW-846 Protocol and regulations of PADER and NJDEP.
All Samples are discreet grabs unless otherwise noted.
Indicate the individual samples taken for analysis with letters or numbers.

Visual examination revealed that this section was the most highly contaminated area: West 2 Foot

Which sample(s) were taken for TPH analysis: _____

Which sample(s) were taken for TOX analysis: _____

Which sample(s) were composited for waste classification analysis: _____

Appendix G

Non-hazardous Soil Disposal Manifests to Clean Earth of Philadelphia from UST Excavation

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
324470

			Date	Time	Scale #
			In:		
			Out: 10/15/2007	10:51	1
Vehicle ID:	tsd747	Josematis Act90#54465			
			Gross:	41.94 tn	
Customer ID:	A	Allied Environmental	Tare:	12.04 tn	(K)
Job# ID:	7964	ESV Remediation, LLC	Net:	29.90 tn	
Material ID:	001	Soil			

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: Henry

Operator Signature:

MODERN environmental, llc

42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 2560

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name EJV REMEDIATION LLC

Address 38 VARICK STREET

BROOKLYN NY

Phone No.

Shipping Location

Address SAME

Phone No.

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight	Net Weight	Net Weight (Tons)
	NON HAZARDOUS PETROLEUM CONTAMINATED SOIL DESTINED FOR Recklin			13041	2990	

Ag 90 TT 54465

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Victor Ordon (EJV) — 10/15/07

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name MODERN ENVIRONMENTAL, LLC

Address 42 EVANS PLACE

POMPTON PLAINS, NJ 07447

State Permit # NJ561

Driver Name (Print) Henry Marin

Vehicle License No./State AK769D - NJ

Truck Number 777

T.S.D. 747

I hereby certify that the above named material was picked up at the generator site listed above.

Henry Marin — 10-15-07

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Henry Marin — 10-15-07

Driver Signature — Delivery Date

DESTINATION

Site Name CLEN EARTH OF PHILA

Address 3301 S 61ST STREET PHILADELPHIA, PA

Phone No.

State Permit #

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

OP — 10/15/07

Name of Authorized Agent — Signature — Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153

Transaction No.
324492

			Date	Time	Scale
			In:		0
			Out: 10/15/2007	11:53	1

Vehicle ID:	fv20	F. Vinan Act90#wh10113		
			Gross:	47.83 tn
Customer ID:	A	Allied Environmental	Tare:	13.60 tn (K)
Job# ID:	7964	ESV Remediation, LLC	Net:	34.23 tn
Material ID:	001	Soil		

Manafest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: _____

Operator Signature: _____

The TOP SOIL DEPOT
BULK MATERIAL HANDLERS
973-835-9434
Retail/Wholesale

190 POMPTON PLAINS CROSS ROAD, WAYNE, NEW JERSEY 07470
Fax: 973-835-3928 • www.topsoildepot.com
** A New Jersey Corporation **

Log Number 24520

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Shipping Location _____

Address _____ Address _____

_____ _____

Phone No. _____ Phone No. _____

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight	Net Weight	Net Weight (Tons)
				1760	34.27	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Victoria Lunda (for Grant) 10/15/07

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name T.S.D. Driver Name (Print) _____

Address 190 Pompton Plains Cross Road Vehicle License No./State _____

Wayne, N.J. 07470 Truck Number _____

State Permit # NJ561

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature Delivery Date

DESTINATION

Site Name _____ Phone No. _____

Address _____ State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CGP 10/15/07

Name of Authorized Agent Signature Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
324529

			Date	Time	Scale
			In:		0
			Out: 10/15/2007	14:40	1
Vehicle ID:	c23	Cuenca Act90#57433			
			Gross:	43.34 tn	
Customer ID:	A	Allied Environmental	Tare:	12.10 tn	(K)
Job# ID:	7964	ESV Remediation, LLC	Net:	31.24 tn	
Material ID:	001	Soil			

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: Randy Cuevo

Operator Signature: CBS

A.B. Recycling, LLC

879 Black Oak Ridge Road Wayne, N.J. 07470
Tel: 973-248-0910 Fax: 973-248-0912

Log Number 23960

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name [illegible] Shipping Location _____

Address [illegible] Address [illegible]

Phone No. _____ Phone No. _____

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight	Net Weight	Net Weight (Tons)
	[illegible]			12.10	31.24	

NET 90TH 57433

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

[illegible] 10/15/07

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name A.B. RECYCLING, LLC Driver Name (Print) [illegible]

Address 879 Black Oak Ridge Road Vehicle License No./State [illegible]

Wayne, N.J. 07470 Truck Number [illegible]

State Permit # NJ561

I hereby certify that the above named material was picked up at the generator site listed above.

[illegible] 10/15/07

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

[illegible] 10/15/07

Driver Signature Delivery Date

DESTINATION

Site Name _____ Phone No. _____

Address _____ State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

[illegible] [illegible] 10/15/07

Name of Authorized Agent Signature Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153

Transaction No.
324530

			Date	Time	Scale
			In:		0
			Out: 10/15/2007	15:51	1

Vehicle ID:	c21	Cuenca Act90#61474			
			Gross:	38.44 tn	
Customer ID:	A	Allied Environmental	Tare:	12.10 tn	(K)
Job# ID:	7964	ESV Remediation, LLC	Net:	26.34 tn	
Material ID:	001	Soil			

Manefest ID:

Commente:
Operator:

Charge by Weight

Driver Signature: _____

Operator Signature: _____

MODERN environmental, llc

42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 3950

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Shipping Location _____

Address _____ Address _____

_____ _____

Phone No. _____ Phone No. _____

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight 12.10	Net Weight 26.34	Net Weight (Tons)

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

_____ _____ 10/15/07

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name MODERN ENVIRONMENTAL, LLC Driver Name (Print) _____

Address 42 EVANS PLACE Vehicle License No./State _____

POMPTON PLAINS, NJ 07447 Truck Number _____

State Permit # NJ561

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

_____ _____

Driver Signature Shipment Date Driver Signature Delivery Date

DESTINATION

Site Name _____ Phone No. _____

Address _____ State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

_____ _____ 10/15/07

Name of Authorized Agent Signature Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
324662

		Date	Time	Scale
		In:		#
		Out: 10/17/2007	10:23	1

Vehicle ID: c22 Cuenca Act90#wh7483

			Gross:	41.57 tn
Customer ID:	A	Allied Environmental	Tare:	14.08 tn (M)
Job# ID:	7964	ESV Remediation, LLC	Net:	27.49 tn
Material ID:	001	Soil		

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: _____

Operator Signature: _____

MODERN environmental, llc

42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 4661

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name _____ Shipping Location _____

Address _____ Address _____

_____ _____

Phone No. _____ Phone No. _____

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight	Net Weight	Net Weight (Tons)
				14.08	27.49	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

_____ _____ 10-17-7

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name MODERN ENVIRONMENTAL, LLC Driver Name (Print) _____

Address 42 EVANS PLACE Vehicle License No./State _____

POMPTON PLAINS, NJ 07447 Truck Number _____

State Permit # NJ561

I hereby certify that the above named material was picked up at the generator site listed above.

_____ 10-17-7

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

_____

Driver Signature Delivery Date

DESTINATION

Site Name _____ Phone No. _____

Address _____ State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

_____ _____ 10/17

Name of Authorized Agent Signature Receip

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
324950

		Date	Time	Scale
	In:			@
	Out:	10/23/2007	10:13	1

Vehicle ID:	m57	Munoz Act90#41126	Gross:	43.04 tn	
Customer ID:	A	Allied Environmental	Tare:	13.00 tn	(K)
Job# ID:	7964	ESV Remediation, LLC	Net:	30.04 tn	
Material ID:	001	Soil			

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: _____

Operator Signature: _____

MODERN environmental, llc

42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 3142

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name ESV Remediation LLC. Shipping Location Same

Address 38 Varick St. Address

Brooklyn, NY

Phone No. Phone No.

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight 13.00	Net Weight 30.04	Net Weight (Tons)
	Non Hazardous petroleum contaminated soil destined for Recycling.	AG90 41112G				

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Victoria Wilda (Print) 10/23/07

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name MODERN ENVIRONMENTAL, LLC Driver Name (Print) Casimiro Luciano

Address 42 EVANS PLACE Vehicle License No./State AG 791C

POMPTON PLAINS, NJ 07447 Truck Number 57

State Permit # NJ561

I hereby certify that the above named material was picked up at the generator site listed above.

10/23/07

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

10/23/

Driver Signature Delivery Date

DESTINATION

Site Name Clean Earth of Philadelphia. Phone No.

Address 3201 S. 61st. Phila. Phila. PA. State Permit # 301220

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CEP 10/23/

Name of Authorized Agent Signature Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
324956

	Date	Time	Scale
In:			0
Out:	10/23/2007	10:35	1

Vehicle ID: falu1 Falu Act90#55025

Customer ID: A Allied Environmental
Job# ID: 7964 ESV Remediation, LLC
Material ID: 001 Soil

Gross:	44.82 tn	
Tare:	13.47 tn	(K)
Net:	31.35 tn	

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: _____

Operator Signature: _____

MODERN environmental, llc

42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 2535

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name ESV REMEDIATION LLC
Address 38 VARICK STREET
BROOKLYN NY

Shipping Location
Address SAME

Phone No.
Phone No.

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight	Net Weight	Net Weight (Tons)
	NON HAZARDOUS PETRO CONTAMINATED SOIL Destined FOR Recycling			13.47	31.35	

HC790A 55005

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Victor Lorden (CEP) 10/23/07

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name MODERN ENVIRONMENTAL, LLC
Address 42 EVANS PLACE
POMPTON PLAINS, NJ 07447

Driver Name (Print) Tayto Hunter
Vehicle License No./State HK 5421
Truck Number HC 790A

State Permit # NJ561

I hereby certify that the above named material was picked up at the generator site listed above.

Tayto Hunter 10/23/07

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Tayto Hunter 10/23/07

Driver Signature | Delivery Date

DESTINATION

Site Name Clean Earth of Philly
Address Philly Pa.
Phone No.
State Permit #

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CEP 10/23/07

Name of Authorized Agent | Signature | Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
324959

	Date	Time	Scale
In:			0
Out:	10/23/2007	10:53	1

Vehicle ID:	mz28	Martinez Act90#55026		
			Gross:	45.29 tn
Customer ID:	A	Allied Environmental	Tare:	13.57 tn (K)
Job# ID:	7964	ESV Remediation, LLC	Net:	31.72 tn
Material ID:	001	Soil		

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: _____

Operator Signature: _____

MODERN environmental, llc

42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 4805

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name ESV REMEDIATION LLC. Shipping Location _____

Address 38 VARICK ST. Address _____

BROOKLYN NY. same.

Phone No. _____ Phone No. _____

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight	Net Weight	Net Weight (Tons)
	NON HAZARDOUS PETROLEUM CONTAMINATED SOIL DESTINED FOR RECYCLING			13.57	31.72	

ACCEPTED 55036

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Victor (Modern Agent) _____ 10/23/17

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name MODERN ENVIRONMENTAL, LLC Driver Name (Print) HAROLD A MEJIA

Address 42 EVANS PLACE Vehicle License No./State AK 9169 W.

POMPTON PLAINS, NJ 07447 Truck Number MARTINEZ # 28

State Permit # NJ561

I hereby certify that the above named material was picked up at the generator site listed above.

_____ 10-23-17

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

_____ 10-25-17

Driver Signature Delivery Date

DESTINATION

Site Name Clean earth of N.J. Phone No. _____

Address 3201 S 61st STREET PHILADELPHIA, PA. State Permit # 301220.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CCT _____ 10/23/17

Name of Authorized Agent Signature Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
324960

	Date	Time	Scale
In:			0
Out:	10/23/2007	10:54	1

Vehicle ID: tsd67 Jencar Act90#48920

			Gross:	43.97 tn
Customer ID:	A	Allied Environmental	Tare:	12.00 tn (K)
Job# ID:	7964	ESV Remediation, LLC	Net:	31.97 tn
Material ID:	001	Soil		

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: _____

Operator Signature: _____

MODERN environmental, llc

42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 4803

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name ESU Remediation — Shipping Location [illegible]

Address 38 Ranick Street
Brooklyn NY

Address

Phone No.

Phone No.

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight	Net Weight	Net Weight (Tons)
	Non-Hazardous petrol contaminated soil Destined For Recycling			12.00	31.97	

ACT90
41890

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Victoria Valdes (ESU) — 10/23/07

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name MODERN ENVIRONMENTAL, LLC

Address 42 EVANS PLACE

POMPTON PLAINS, NJ 07447

State Permit # NJ561

Driver Name (Print) Jesus Montero

Vehicle License No./State AK893Y

Truck Number 67 FENCAR

I hereby certify that the above named material was picked up at the generator site listed above.

Jesus Montero 10/23/07

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Jesus Montero 10/23/07

Driver Signature — Delivery Date

DESTINATION

Site Name Clean Earth of Phila — Phone No.

Address Phila. P.A — State Permit #

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CEP

Name of Authorized Agent — Signature — Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
324983

	Date	Time	Scale
In:			0
Out:	10/23/2007	15:11	1

Vehicle ID: m57 Munoz Act90#wh1543

Customer ID: A Allied Environmental
Job# ID: 7964 ESV Remediation, LLC
Material ID: 001 Soil

Gross: 48.16 tn
Tare: 13.00 tn (K)
Net: 35.16 tn

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: _____

Operator Signature: _____

MODERN environmental, llc

42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 3143

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name ESV Remediation LLC. Shipping Location _____

Address 38 Verick St. Address Same

Brooklyn NY

Phone No. _____ Phone No. _____

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight	Net Weight	Net Weight (Tons)
	Non Hazardous Petroleum Contaminated Soil Destined for Recycling	A-270 WH154	~	13.00	35.16	

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Victoria Chiara (for M) 10/23/07

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name MODERN ENVIRONMENTAL, LLC Driver Name (Print) Carneiro Luciano

Address 42 EVANS PLACE Vehicle License No./State AG 791C

POMPTON PLAINS, NJ 07447 Truck Number 57

State Permit # NJ561

I hereby certify that the above named material was picked up at the generator site listed above.

10/23/07

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

10/23/07

Driver Signature | Delivery Date

DESTINATION

Site Name Clean Earth of Phila. Phone No. _____

Address 3201 61st. Philadelphia PA State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

10/23/

Name of Authorized Agent | Signature | Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
324989

	Date	Time	Scale
In:			0
Out:	10/23/2007	15:32	1

Vehicle ID:	falu1	Falu Act90#wh7896			
			Gross:	46.30 tn	
Customer ID:	A	Allied Environmental	Tare:	13.47 tn	(K)
Job# ID:	7964	ESV Remediation, LLC	Net:	32.83 tn	
Material ID:	001	Soil			

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: _____

Operator Signature: _____

MODERN environmental, llc

42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 2534

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name ESV REMEDIATION LLC
Address 388 DAVIS Street
BROOKLYN NY

Shipping Location _____
Address SAME

Phone No. _____
Phone No. _____

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight	Net Weight	Net Weight (Tons)
	NON HAZARDOUS REMEDIATED SOIL REQUIRED FOR DISPOSAL			13.47	30.83	

ACT 90 T
WH 789

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Victoria Cando (Cando) 10/23/07
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name MODERN ENVIRONMENTAL, LLC
Address 42 EVANS PLACE
POMPTON PLAINS, NJ 07447

Driver Name (Print) FAUSTO HERRERA
Vehicle License No./State AK 542 A
Truck Number FMV #01

State Permit # NJ561

I hereby certify that the above named material was picked up at the generator site listed above.

Fausto Herrera 10/23/07
Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Fausto Herrera 10/23/09
Driver Signature — Delivery Date

DESTINATION

Site Name Clean earth of Philly
Address Philly PA

Phone No. _____
State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CEP — Signature — 10/23/07
Name of Authorized Agent — Signature — Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
324991

	Date	Time	Scale
In:			@
Out:	10/23/2007	16:16	1

Vehicle ID: mz28 Martinez Act90#55026

Gross: 46.44 tn
Tare: 13.57 tn (K)
Net: 32.87 tn

Customer ID: A Allied Environmental
Job# ID: 7964 ESV Remediation, LLC
Material ID: 001 Soil

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: _____

Operator Signature: _____

MODERN environmental, llc
42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 4806

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name [redacted] Shipping Location _____

Address 38 VARICK ST. Address SAME

BROOKLYN NY.

Phone No. _____ Phone No. _____

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight	Net Weight	Net Weight (Tons)
	NON HAZARDOUS DEBRIS CONTAMINATED SOIL DESTINED FOR Recycling			13.57	32.87	

ACTO 55026

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Victoria (Alicia) (Cruz) 10/23/07

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name MODERN ENVIRONMENTAL, LLC Driver Name (Print) HAROLD A MEYER

Address 42 EVANS PLACE Vehicle License No./State AK 969 W.

POMPTON PLAINS, NJ 07447 Truck Number MARTINEZ # 2

State Permit # NJ561

I hereby certify that the above named material was picked up at the generator site listed above.

10-23-07

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

10-

Driver Signature Delivery Date

DESTINATION

Site Name Clean Earth of Philadelphia Phone No. _____

3201 S. 61st Street

Address Philadelphia, PA State Permit # 301220

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CEP

Name of Authorized Agent Signature Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
324992

	Date	Time	Scale
In:			0
Out:	10/23/2007	16:19	1

Vehicle ID:	tsd67	Jencar Act90#wh7990			
			Gross:	45.32 tn	
Customer ID:	A	Allied Environmental	Tare:	12.00 tn	(K)
Job# ID:	7964	ESV Remediation, LLC	Net:	33.32 tn	
Material ID:	001	Soil			

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: _____

Operator Signature: _____

MODERN environmental, llc

42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 4804

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name [illegible] Shipping Location SAME

Address [illegible] Address

Phone No. Phone No.

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight	Net Weight	Net Weight (Tons)
	Non-hazardous industrial wastewater treatment sludge for Recycling			12.00	33.32	

ACT #
WH7990

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Victor Diaz (25 yrs) 10/23/07

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name MODERN ENVIRONMENTAL, LLC

Address 42 EVANS PLACE

POMPTON PLAINS, NJ 07447

State Permit # NJ561

Driver Name (Print) Jesus Martinez

Vehicle License No./State 1W893Y

Truck Number 67 V-Van

I hereby certify that the above named material was picked up at the generator site listed above.

Jesus Martinez 10/23/07

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Jesus Martinez 10/23/07

Driver Signature | Delivery Date

DESTINATION

Site Name Phone No.

Address State Permit #

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CR Chris 10/23

Name of Authorized Agent | Signature | Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
325014

			Date	Time	Scale
			In:		0
			Out: 10/24/2007	10:33	1
Vehicle ID:	tsd747	Josematis Act90#54465			
			Gross:	45.67 tn	
Customer ID:	A	Allied Environmental	Tare:	12.04 tn	(K)
Job# ID:	7964	ESV Remediation, LLC	Net:	33.63 tn	
Material ID:	001	Soil			

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: Hem

Operator Signature:

MODERN environmental, llc

42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 2570

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name ESV - Hunterdon | Shipping Location _____

Address 20 Industrial St. | Address _____

Bloomsbury NJ | SAME

Phone No. _____ | Phone No. _____

Approval Number	Description of Material	Codes	Gross Weight	Tare Weight	Net Weight	Net Weight (Tons)
	NON HAZARDOUS PETROL CONTAMINATED SOIL DESTINT FOR RECYCLIN			12.04	33.63	

Act 90 T 54465

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Victoria Wilson (Esq.) | [signature] | 10/23/07

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name MODERN ENVIRONMENTAL, LLC | Driver Name (Print) Henry Marin

Address 42 EVANS PLACE | Vehicle License No./State AK7692 - NJ

POMPTON PLAINS, NJ 07447 | Truck Number 747 T&S.D. 747

State Permit # NJ561

I hereby certify that the above named material was picked up at the generator site listed above.

I hereby certify that the above named material was delivered without incident to the destination listed below.

Henry Marin 10-24-07 | Henry Marin 10-24-07

Driver Signature | Shipment Date | Driver Signature | Delivery Date

DESTINATION

Site Name _____ | Phone No. _____

Address Clean Earth of Philly, PA. | State Permit # _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CET | [signature] | 10/24/

Name of Authorized Agent | Signature | Receipt Date

CONTRACTOR

Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
*

Transaction No.
325016

	Date	Time	Scale
In:			0
Out:	10/24/2007	10:42	1

Vehicle ID: mpt1 M. P. Act90#58356

Gross: 41.93 tn
Tare: 13.61 tn (K)
Net: 28.32 tn

Customer ID: A Allied Environmental
Job# ID: 7964 ESV Remediation, LLC
Material ID: 001 Soil

Manefest ID:

Comments:
Operator: 4 Charge by Weight

Driver Signature: Robert Morgan

Operator Signature:

MODERN environmental, llc

42 Evans Place, Pompton Plains, NJ 07447
Tel: 973-248-8884 Fax: 973-248-8891

Log Number 6841

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name ECM - Kearny | Shipping Location

Address 32 Lois St | Address

Kearny, NY

Phone No. | Phone No.

Approval Number	Description of Material	Codes	Gross Weight / Tare Weight / Net Weight	Net Weight (Tons)
	NON HAZARDOUS PETROL CONTAMINATED SOIL DESIGNATED FOR RECYCLING		Gross Weight 43.64 / Tare Weight 19.56 / Net Weight 24.08	5 8.35

Acct to 1-HH1046

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to applicable regulations.

Richard Wright (for) | 10/24/07

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter ~~Name~~ MODERN ENVIRONMENTAL, LLC | Driver Name (Print) RAFAEL NARANJO

Address 42 EVANS PLACE | Vehicle License No./State AK23DE

POMPTON PLAINS, NJ 07447 | Truck Number MRT 1

State Permit # NJ561

I hereby certify that the above named material was picked up at the generator site listed above.

Rafael Naranjo 10-24-07

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Rafael Naranjo 10-24-07

Driver Signature | Delivery Date

DESTINATION

Site Name CLEAN EARTH OF PHILA | Phone No.

Address 361 S. Interstate Ave, PA | State Permit #

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

CCT | 10/24/07

Name of Authorized Agent | Signature | Receipt Date

CONTRACTOR

Appendix H

Laboratory Results for Endpoint Samples Collected From Western Excavation

Endpoint Samples Results for Samples Collected on October 4, 2007

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM#1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-03B

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J0503

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 17 Date Analyzed: 10/09/07

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	6	U
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	6	U
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	U
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	6	U
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	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM#1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-03B

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J0503

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 17 Date Analyzed: 10/09/07

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)	6	U
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	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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.

BOTTOM#1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-03B

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J0503

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 17 Date Analyzed: 10/09/07

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.

BOT#2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1454

Matrix: (soil/water) SOIL Lab Sample ID: F1454-01B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5I1207

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 15 Date Analyzed: 10/05/07

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	2	J
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
67-64-1	Acetone	24	
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
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	U
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	180	
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	8	

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOT#2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1454

Matrix: (soil/water) SOIL Lab Sample ID: F1454-01B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5I1207

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 15 Date Analyzed: 10/05/07

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)	72	
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-67-8	1,3,5-Trimethylbenzene	12	
95-63-6	1,2,4-Trimethylbenzene	12	
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-Trichloro-1,2,2-triflu	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.

BOT#2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1454

Matrix: (soil/water) SOIL Lab Sample ID: F1454-01B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5I1207

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 15 Date Analyzed: 10/05/07

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

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 10 CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.68	19	J
2.		UNKNOWN	10.06	31	J
3.		UNKNOWN	10.78	18	J
4.		UNKNOWN	10.90	65	J
5.		UNKNOWN	11.12	21	J
6.	493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	12.17	40	NJ
7.		UNKNOWN	12.34	41	J
8.		UNKNOWN	12.41	20	J
9.		UNKNOWN	12.60	21	J
10.		UNKNOWN	12.94	19	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM-X

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-06B

Sample wt/vol: 2.0 (g/mL) G Lab File ID: V1J0508

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 16 Date Analyzed: 10/09/07

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	15	U
74-87-3	Chloromethane	15	U
75-01-4	Vinyl Chloride	15	U
74-83-9	Bromomethane	15	U
75-00-3	Chloroethane	15	U
75-69-4	Trichlorofluoromethane	15	U
75-35-4	1,1-Dichloroethene	15	U
67-64-1	Acetone	41	
75-15-0	Carbon Disulfide	15	U
75-09-2	Methylene Chloride	15	U
156-60-5	trans-1,2-Dichloroethene	15	U
1634-04-4	Methyl tert-butyl ether	15	U
75-34-3	1,1-Dichloroethane	15	U
78-93-3	2-Butanone	15	U
156-59-2	cis-1,2-Dichloroethene	15	U
67-66-3	Chloroform	15	U
71-55-6	1,1,1-Trichloroethane	15	U
56-23-5	Carbon Tetrachloride	15	U
107-06-2	1,2-Dichloroethane	15	U
71-43-2	Benzene	15	U
79-01-6	Trichloroethene	15	U
78-87-5	1,2-Dichloropropane	15	U
75-27-4	Bromodichloromethane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
108-10-1	4-Methyl-2-pentanone	15	U
108-88-3	Toluene	280	
10061-02-6	trans-1,3-Dichloropropene	15	U
79-00-5	1,1,2-Trichloroethane	15	U
127-18-4	Tetrachloroethene	15	U
591-78-6	2-Hexanone	15	U
124-48-1	Dibromochloromethane	15	U
106-93-4	1,2-Dibromoethane	15	U
108-90-7	Chlorobenzene	15	U
100-41-4	Ethylbenzene	15	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM-X

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-06B

Sample wt/vol: 2.0 (g/mL) G Lab File ID: V1J0508

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 16 Date Analyzed: 10/09/07

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)	150	
100-42-5	Styrene	15	U
75-25-2	Bromoform	15	U
98-82-8	Isopropylbenzene	3	J
79-34-5	1,1,2,2-Tetrachloroethane	15	U
108-67-8	1,3,5-Trimethylbenzene	40	
95-63-6	1,2,4-Trimethylbenzene	49	
541-73-1	1,3-Dichlorobenzene	15	U
106-46-7	1,4-Dichlorobenzene	15	U
95-50-1	1,2-Dichlorobenzene	15	U
96-12-8	1,2-Dibromo-3-chloropropane	15	U
120-82-1	1,2,4-Trichlorobenzene	15	U
76-13-1	1,1,2-Trichlo-1,2,2-trifluor	15	U
79-20-9	Methyl Acetate	15	U
110-81-7	Cyclohexane	15	U
108-87-2	Methylcyclohexane	15	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BOTTOM-X

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-06B

Sample wt/vol: 2.0 (g/mL) G Lab File ID: V1J0508

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 16 Date Analyzed: 10/09/07

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

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	10.66	35	J
2.	696-29-7	CYCLOHEXANE, (1-METHYLETHYL)	10.78	34	NJ
3.	124-18-5	DECANE	11.72	56	NJ
4.	611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.91	53	NJ
5.	2847-72-5	DECANE, 4-METHYL-	12.09	44	NJ
6.	135-01-3	BENZENE, 1,2-DIETHYL-	12.86	40	NJ
7.	91-17-8	NAPHTHALENE, DECAHYDRO-	12.93	71	NJ
8.		UNKNOWN	13.13	130	J
9.		UNKNOWN	13.30	42	J
10.	1000152-47-3	TRANS-DECALIN, 2-METHYL-	13.66	42	NJ
11.	2958-75-0	1-METHYLDECAHYDRONAPHTHALENE	13.89	40	NJ
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) WATER Lab Sample ID: F1455-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J0445

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. _____ Date Analyzed: 10/06/07

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.

FIELD BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) WATER Lab Sample ID: F1455-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J0445

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. _____ Date Analyzed: 10/06/07

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.

FIELD BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) WATER Lab Sample ID: F1455-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J0445

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. _____ Date Analyzed: 10/06/07

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.					
3.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NORTH E

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-08B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1J0510

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 8 Date Analyzed: 10/09/07

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.

NORTH E

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-08B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1J0510

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 8 Date Analyzed: 10/09/07

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.

NORTH E

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-08B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1J0510

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 8 Date Analyzed: 10/09/07

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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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NORTH W

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-07B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J0509

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 10 Date Analyzed: 10/09/07

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NORTH W

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-07B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J0509

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 10 Date Analyzed: 10/09/07

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.

NORTH W

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-07B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J0509

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 10 Date Analyzed: 10/09/07

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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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) WATER Lab Sample ID: F1455-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J0444

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. _____ Date Analyzed: 10/06/07

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) WATER Lab Sample ID: F1455-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J0444

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. _____ Date Analyzed: 10/06/07

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIP BLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) WATER Lab Sample ID: F1455-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J0444

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. _____ Date Analyzed: 10/06/07

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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WEST N

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-05B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J0507

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 11 Date Analyzed: 10/09/07

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	6	U
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	6	U
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	U
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	6	U
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	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WEST N

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-05B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J0507

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 11 Date Analyzed: 10/09/07

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)	6	U
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	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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.

WEST N

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-05B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J0507

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 11 Date Analyzed: 10/09/07

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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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WEST S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-04B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J0566

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 11 Date Analyzed: 10/10/07

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	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	4	J
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
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	U
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	6	U
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	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WEST S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-04B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J0566

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 11 Date Analyzed: 10/10/07

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)	6	U
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	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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.

WEST S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-04B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J0566

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: not dec. 11 Date Analyzed: 10/10/07

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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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM#1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-03A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6444

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 17 decanted: (Y/N) N Date Extracted:10/06/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/10/07

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	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM#1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-03A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6444

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 17 decanted: (Y/N) N Date Extracted:10/06/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/10/07

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
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	340	J
120-12-7	Anthracene	88	J
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	470	
129-00-0	Pyrene	420	
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	240	J
218-01-9	Chrysene	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	230	J
207-08-9	Benzo(k)fluoranthene	120	J
50-32-8	Benzo(a)pyrene	190	J
193-39-5	Indeno(1,2,3-cd)pyrene	110	J
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	120	J
92-52-4	1,1'-Biphenyl	390	U
98-86-2	Acetophenone	390	U
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
105-60-2	Caprolactam	390	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BOTTOM#1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-03A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6444

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 17 decanted: (Y/N) N Date Extracted:10/06/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/10/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 2

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	13.77	160	J
2.	198-55-0	PERYLENE	16.98	220	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOT#2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1454

Matrix: (soil/water) SOIL Lab Sample ID: F1454-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6378

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/05/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/08/07

Injection Volume: 1.0(uL) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	780	U
111-44-4	bis(2-Chloroethyl)Ether	780	U
95-57-8	2-Chlorophenol	780	U
95-48-7	2-Methylphenol	780	U
108-60-1	2,2'-oxybis(1-Chloropropane)	780	U
106-44-5	4-Methylphenol	780	U
621-64-7	N-Nitroso-di-n-propylamine	780	U
67-72-1	Hexachloroethane	780	U
98-95-3	Nitrobenzene	780	U
78-59-1	Isophorone	780	U
88-75-5	2-Nitrophenol	780	U
105-67-9	2,4-Dimethylphenol	780	U
120-83-2	2,4-Dichlorophenol	780	U
91-20-3	Naphthalene	450	J
106-47-8	4-Chloroaniline	780	U
111-91-1	bis(2-Chloroethoxy)methane	780	U
87-68-3	Hexachlorobutadiene	780	U
59-50-7	4-Chloro-3-Methylphenol	780	U
91-57-6	2-Methylnaphthalene	260	J
77-47-4	Hexachlorocyclopentadiene	780	U
88-06-2	2,4,6-Trichlorophenol	780	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	780	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	780	U
208-96-8	Acenaphthylene	140	J
606-20-2	2,6-Dinitrotoluene	780	U
99-09-2	3-Nitroaniline	1600	U
83-32-9	Acenaphthene	940	
51-28-5	2,4-Dinitrophenol	1600	U
100-02-7	4-Nitrophenol	1600	U
132-64-9	Dibenzofuran	640	J
121-14-2	2,4-Dinitrotoluene	780	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOT#2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1454

Matrix: (soil/water) SOIL Lab Sample ID: F1454-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6378

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/05/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/08/07

Injection Volume: 1.0(uL) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	780	U
7005-72-3	4-Chlorophenyl-phenylether	780	U
86-73-7	Fluorene	1000	
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	N-Nitrosodiphenylamine (1)	780	U
101-55-3	4-Bromophenyl-phenylether	780	U
118-74-1	Hexachlorobenzene	780	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	8400	
120-12-7	Anthracene	2000	
86-74-8	Carbazole	930	
84-74-2	Di-n-butylphthalate	780	U
206-44-0	Fluoranthene	8800	
129-00-0	Pyrene	6900	
85-68-7	Butylbenzylphthalate	780	U
91-94-1	3,3'-Dichlorobenzidine	780	U
56-55-3	Benzo(a)anthracene	3900	
218-01-9	Chrysene	4100	
117-81-7	bis(2-Ethylhexyl)phthalate	780	U
117-84-0	Di-n-octylphthalate	780	U
205-99-2	Benzo(b)fluoranthene	3900	
207-08-9	Benzo(k)fluoranthene	1700	
50-32-8	Benzo(a)pyrene	3200	
193-39-5	Indeno(1,2,3-cd)pyrene	1800	
53-70-3	Dibenzo(a,h)anthracene	610	J
191-24-2	Benzo(g,h,i)perylene	2000	
92-52-4	1,1'-Biphenyl	93	J
98-86-2	Acetophenone	780	U
1912-24-9	Atrazine	780	U
100-52-7	Benzaldehyde	780	U
105-60-2	Caprolactam	780	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BOT#2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1454

Matrix: (soil/water) SOIL Lab Sample ID: F1454-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6378

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/05/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/08/07

Injection Volume: 1.0(uL) Dilution Factor: 2.0

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

Number TICs found: 14

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	2847-72-5	DECANE, 4-METHYL-	6.06	980	NJ
2.		UNKNOWN	7.00	950	J
3.	1120-21-4	UNDECANE	7.08	1300	NJ
4.	832-69-9	PHENANTHRENE, 1-METHYL-	13.42	1100	NJ
5.	613-12-7	ANTHRACENE, 2-METHYL-	13.45	1400	NJ
6.		UNKNOWN	13.53	2500	J
7.	612-94-2	NAPHTHALENE, 2-PHENYL-	13.68	710	NJ
8.	781-92-0	ANTHRACENE, 1,4-DIMETHYL-	13.91	910	NJ
9.		UNKNOWN	13.96	640	J
10.		UNKNOWN	14.25	650	J
11.	33543-31-6	FLUORANTHENE, 2-METHYL-	14.55	610	NJ
12.	243-17-4	11H-BENZO[B]FLUORENE	14.61	360	NJ
13.		UNKNOWN	15.18	320	J
14.	192-97-2	BENZO[E]PYRENE	17.11	3400	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM-X

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-06A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E6481

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 16 decanted: (Y/N) N Date Extracted:10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/11/07

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	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	70	J
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	270	J
106-47-8	4-Chloroaniline	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	140	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	790	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	790	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	150	J
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	790	U
83-32-9	Acenaphthene	300	J
51-28-5	2,4-Dinitrophenol	790	U
100-02-7	4-Nitrophenol	790	U
132-64-9	Dibenzofuran	230	J
121-14-2	2,4-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM-X

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-06A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E6481

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 16 decanted: (Y/N) N Date Extracted: 10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/11/07

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
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	330	J
100-01-6	4-Nitroaniline	790	U
534-52-1	4,6-Dinitro-2-methylphenol	790	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	790	U
85-01-8	Phenanthrene	3500	
120-12-7	Anthracene	820	
86-74-8	Carbazole	310	J
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	4500	
129-00-0	Pyrene	3900	
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	2300	
218-01-9	Chrysene	2400	
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	2400	
207-08-9	Benzo(k)fluoranthene	1000	
50-32-8	Benzo(a)pyrene	2000	
193-39-5	Indeno(1,2,3-cd)pyrene	1200	
53-70-3	Dibenzo(a,h)anthracene	370	J
191-24-2	Benzo(g,h,i)perylene	1400	
92-52-4	1,1'-Biphenyl	61	J
98-86-2	Acetophenone	390	U
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
105-60-2	Caprolactam	390	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BOTTOM-X

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-06A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E6481

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 16 decanted: (Y/N) N Date Extracted:10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/11/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 18

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	104-51-8	BENZENE, BUTYL-	6.39	1100	NJ
2.		UNKNOWN	6.75	640	J
3.	1120-21-4	UNDECANE	6.85	830	NJ
4.	538-68-1	BENZENE, PENTYL-	7.73	620	NJ
5.	57-10-3	N-HEXADECANOIC ACID	13.22	610	NJ
6.	779-02-2	ANTHRACENE, 9-METHYL-	13.26	750	NJ
7.	2531-84-2	PHENANTHRENE, 2-METHYL-	13.28	960	NJ
8.		UNKNOWN	13.37	1800	J
9.	35465-71-5	2-PHENYLNAPHTHALENE	13.52	420	NJ
10.	3674-66-6	PHENANTHRENE, 2,5-DIMETHYL-	13.75	760	NJ
11.		UNKNOWN	13.85	920	J
12.		UNKNOWN	14.09	890	J
13.	2381-21-7	PYRENE, 1-METHYL-	14.29	480	NJ
14.	33543-31-6	FLUORANTHENE, 2-METHYL-	14.39	930	NJ
15.		UNKNOWN	14.45	410	J
16.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	14.84	460	NJ
17.		UNKNOWN	15.00	570	J
18.	198-55-0	PERYLENE	16.81	2200	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) WATER Lab Sample ID: F1455-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E6448

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:10/09/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/10/07

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
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) WATER Lab Sample ID: F1455-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E6448

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:10/09/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/10/07

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
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
92-52-4	1,1'-Biphenyl	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) WATER Lab Sample ID: F1455-02B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E6448

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:10/09/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/10/07

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/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NORTH E

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-08A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6494

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 8 decanted: (Y/N) N Date Extracted:10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/15/07

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
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
87-68-3	Hexachlorobutadiene	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	730	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	730	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	730	U
83-32-9	Acenaphthene	51	J
51-28-5	2,4-Dinitrophenol	730	U
100-02-7	4-Nitrophenol	730	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NORTH E

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-08A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6494

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 8 decanted: (Y/N) N Date Extracted:10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/15/07

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
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	48	J
100-01-6	4-Nitroaniline	730	U
534-52-1	4,6-Dinitro-2-methylphenol	730	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	730	U
85-01-8	Phenanthrene	620	
120-12-7	Anthracene	130	J
86-74-8	Carbazole	64	J
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	920	
129-00-0	Pyrene	840	
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	400	
218-01-9	Chrysene	420	
117-81-7	bis(2-Ethylhexyl)phthalate	90	JB
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	400	
207-08-9	Benzo(k)fluoranthene	250	J
50-32-8	Benzo(a)pyrene	350	J
193-39-5	Indeno(1,2,3-cd)pyrene	200	J
53-70-3	Dibenzo(a,h)anthracene	55	J
191-24-2	Benzo(g,h,i)perylene	270	J
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

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NORTH E

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-08A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6494

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 8 decanted: (Y/N) N Date Extracted:10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/15/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 2

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	13.21	160	NJ
2.	192-97-2	BENZO[E]PYRENE	16.54	240	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NORTH W

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-07A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6495

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 10 decanted: (Y/N) N Date Extracted:10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/15/07

Injection Volume: 1.0(uL) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	730	U
111-44-4	bis(2-Chloroethyl)Ether	730	U
95-57-8	2-Chlorophenol	730	U
95-48-7	2-Methylphenol	730	U
108-60-1	2,2'-oxybis(1-Chloropropane)	730	U
106-44-5	4-Methylphenol	730	U
621-64-7	N-Nitroso-di-n-propylamine	730	U
67-72-1	Hexachloroethane	730	U
98-95-3	Nitrobenzene	730	U
78-59-1	Isophorone	730	U
88-75-5	2-Nitrophenol	730	U
105-67-9	2,4-Dimethylphenol	730	U
120-83-2	2,4-Dichlorophenol	730	U
91-20-3	Naphthalene	200	J
106-47-8	4-Chloroaniline	730	U
111-91-1	bis(2-Chloroethoxy)methane	730	U
87-68-3	Hexachlorobutadiene	730	U
59-50-7	4-Chloro-3-Methylphenol	730	U
91-57-6	2-Methylnaphthalene	94	J
77-47-4	Hexachlorocyclopentadiene	730	U
88-06-2	2,4,6-Trichlorophenol	730	U
95-95-4	2,4,5-Trichlorophenol	1500	U
91-58-7	2-Chloronaphthalene	730	U
88-74-4	2-Nitroaniline	1500	U
131-11-3	Dimethylphthalate	730	U
208-96-8	Acenaphthylene	170	J
606-20-2	2,6-Dinitrotoluene	730	U
99-09-2	3-Nitroaniline	1500	U
83-32-9	Acenaphthene	330	J
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	1500	U
132-64-9	Dibenzofuran	280	J
121-14-2	2,4-Dinitrotoluene	730	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NORTH W

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-07A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6495

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 10 decanted: (Y/N) N Date Extracted: 10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/15/07

Injection Volume: 1.0(uL) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	730	U
7005-72-3	4-Chlorophenyl-phenylether	730	U
86-73-7	Fluorene	440	J
100-01-6	4-Nitroaniline	1500	U
534-52-1	4,6-Dinitro-2-methylphenol	1500	U
86-30-6	N-Nitrosodiphenylamine (1)	730	U
101-55-3	4-Bromophenyl-phenylether	730	U
118-74-1	Hexachlorobenzene	730	U
87-86-5	Pentachlorophenol	1500	U
85-01-8	Phenanthrene	4900	
120-12-7	Anthracene	870	
86-74-8	Carbazole	540	J
84-74-2	Di-n-butylphthalate	730	U
206-44-0	Fluoranthene	6600	
129-00-0	Pyrene	5100	
85-68-7	Butylbenzylphthalate	730	U
91-94-1	3,3'-Dichlorobenzidine	730	U
56-55-3	Benzo(a)anthracene	2300	
218-01-9	Chrysene	2500	
117-81-7	bis(2-Ethylhexyl)phthalate	730	U
117-84-0	Di-n-octylphthalate	730	U
205-99-2	Benzo(b)fluoranthene	2700	
207-08-9	Benzo(k)fluoranthene	1300	
50-32-8	Benzo(a)pyrene	2300	
193-39-5	Indeno(1,2,3-cd)pyrene	1300	
53-70-3	Dibenzo(a,h)anthracene	310	J
191-24-2	Benzo(g,h,i)perylene	1500	
92-52-4	1,1'-Biphenyl	730	U
98-86-2	Acetophenone	730	U
1912-24-9	Atrazine	730	U
100-52-7	Benzaldehyde	730	U
105-60-2	Caprolactam	730	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NORTH W

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-07A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6495

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 10 decanted: (Y/N) N Date Extracted:10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/15/07

Injection Volume: 1.0(uL) Dilution Factor: 2.0

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

Number TICs found: 8

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	613-12-7	ANTHRACENE, 2-METHYL-	13.10	460	NJ
2.	2531-84-2	PHENANTHRENE, 2-METHYL-	13.12	600	NJ
3.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	13.21	1100	NJ
4.	84-65-1	9,10-ANTHRACENEDIONE	13.39	580	NJ
5.	243-42-5	BENZO[B]NAPHTHO[2,3-D]FURAN	13.93	440	NJ
6.	33543-31-6	FLUORANTHENE, 2-METHYL-	14.23	410	NJ
7.	192-97-2	BENZO[E]PYRENE	16.54	1600	NJ
8.	198-55-0	PERYLENE	16.73	810	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WEST N

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-05A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E6480

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 11 decanted: (Y/N) N Date Extracted: 10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/11/07

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	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
91-20-3	Naphthalene	38	J
106-47-8	4-Chloroaniline	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
87-68-3	Hexachlorobutadiene	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	750	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	750	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	70	J
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	750	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	750	U
100-02-7	4-Nitrophenol	750	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WEST N

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-05A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E6480

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 11 decanted: (Y/N) N Date Extracted:10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/11/07

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
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	42	J
100-01-6	4-Nitroaniline	750	U
534-52-1	4,6-Dinitro-2-methylphenol	750	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	750	U
85-01-8	Phenanthrene	740	
120-12-7	Anthracene	190	J
86-74-8	Carbazole	45	J
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	1200	
129-00-0	Pyrene	1100	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	670	
218-01-9	Chrysene	730	
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	1000	
207-08-9	Benzo(k)fluoranthene	360	J
50-32-8	Benzo(a)pyrene	810	
193-39-5	Indeno(1,2,3-cd)pyrene	590	
53-70-3	Dibenzo(a,h)anthracene	160	J
191-24-2	Benzo(g,h,i)perylene	730	
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

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

WEST N

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-05A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E6480

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 11 decanted: (Y/N) N Date Extracted:10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/11/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 11

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	6.75	310	J
2.	1120-21-4	UNDECANE	6.84	770	NJ
3.		UNKNOWN	6.96	270	J
4.		UNKNOWN	7.20	170	J
5.		UNKNOWN	7.70	160	J
6.	112-40-3	DODECANE	8.19	290	NJ
7.		UNKNOWN	8.36	160	J
8.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	13.36	230	NJ
9.		UNKNOWN	14.39	150	J
10.	50-32-8	BENZO[A]PYRENE	16.55	160	NJ
11.	192-97-2	BENZO[E]PYRENE	16.80	720	NJ
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
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27.					
28.					
29.					
30.					

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WEST S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-04A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E6477

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 11 decanted: (Y/N) N Date Extracted:10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/11/07

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
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
87-68-3	Hexachlorobutadiene	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	740	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	740	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	740	U
83-32-9	Acenaphthene	130	J
51-28-5	2,4-Dinitrophenol	740	U
100-02-7	4-Nitrophenol	740	U
132-64-9	Dibenzofuran	38	J
121-14-2	2,4-Dinitrotoluene	360	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

WEST S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-04A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E6477

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 11 decanted: (Y/N) N Date Extracted:10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/11/07

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
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	120	J
100-01-6	4-Nitroaniline	740	U
534-52-1	4,6-Dinitro-2-methylphenol	740	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	740	U
85-01-8	Phenanthrene	1700	
120-12-7	Anthracene	260	J
86-74-8	Carbazole	87	J
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	1600	
129-00-0	Pyrene	1800	
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	870	
218-01-9	Chrysene	910	
117-81-7	bis(2-Ethylhexyl)phthalate	330	JB
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	660	
207-08-9	Benzo(k)fluoranthene	360	J
50-32-8	Benzo(a)pyrene	650	
193-39-5	Indeno(1,2,3-cd)pyrene	320	J
53-70-3	Dibenzo(a,h)anthracene	110	J
191-24-2	Benzo(g,h,i)perylene	390	
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

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

WEST S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-04A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E6477

Level: (low/med) LOW Date Received: 10/05/07

% Moisture: 11 decanted: (Y/N) N Date Extracted:10/10/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/11/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 14

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	140-66-9	PHENOL, 4-(1,1,3,3-TETRAMETH	11.80	210	NJ
2.	832-71-3	PHENANTHRENE, 3-METHYL-	13.26	460	NJ
3.	610-48-0	ANTHRACENE, 1-METHYL-	13.28	540	NJ
4.		UNKNOWN	13.36	680	J
5.	612-94-2	NAPHTHALENE, 2-PHENYL-	13.52	230	NJ
6.	84-65-1	9,10-ANTHRACENEDIONE	13.55	300	NJ
7.	3674-75-7	PHENANTHRENE, 9-ETHYL-	13.65	200	NJ
8.	2789-88-0	DI-P-TOLYLACETYLENE	13.75	410	NJ
9.		UNKNOWN	13.83	330	J
10.		UNKNOWN	14.09	170	J
11.	33543-31-6	FLUORANTHENE, 2-METHYL-	14.30	160	NJ
12.	3442-78-2	PYRENE, 2-METHYL-	14.39	330	NJ
13.		UNKNOWN	14.57	160	J
14.	198-55-0	PERYLENE	16.81	590	NJ
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
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FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BOTTOM # 1 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-03A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: E1G0530F

% Moisture: 17 decanted: (Y/N) N Date Received: 10/05/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/05/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/09/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	39	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BOT#2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1454

Matrix: (soil/water) SOIL Lab Sample ID: F1454-01A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E1G0529F

% Moisture: 15 decanted: (Y/N) N Date Received: 10/05/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/05/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/09/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	76	
11096-82-5	Aroclor-1260	38	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

BOTTOM-X

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E1G0574F

% Moisture: 16 decanted: (Y/N) N Date Received: 10/05/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/09/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/10/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	39	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	100	
11096-82-5	Aroclor-1260	39	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FB

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) WATER Lab Sample ID: F1455-02B

Sample wt/vol: 1000 (g/ml) ML Lab File ID: E1G0569F

% Moisture: _____ decanted: (Y/N)___ Date Received: 10/05/07

Extraction: (SepF/Cont/Sonc) CONT Date Extracted:10/08/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/10/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

NORTH E

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-08A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E1G0576F

% Moisture: 8 decanted: (Y/N) N Date Received: 10/05/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/09/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/10/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	36	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	59	
11096-82-5	Aroclor-1260	36	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

NORTH W

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-07A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E1G0575F

% Moisture: 10 decanted: (Y/N) N Date Received: 10/05/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/09/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/10/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	36	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

WEST N

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-05A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E1G0573F

% Moisture: 11 decanted: (Y/N) N Date Received: 10/05/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/09/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/10/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	37	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

WEST S

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix: (soil/water) SOIL Lab Sample ID: F1455-04A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E1G0570F

% Moisture: 11 decanted: (Y/N) N Date Received: 10/05/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/09/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/10/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	37	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM#1

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix (soil/water): SOIL Lab Sample ID: F1455-03

Level (low/med): MED Date Received: 10/05/2007

% 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	1.4			P
7440-39-3	Barium	92.1			P
7440-43-9	Cadmium	0.33			P
7440-47-3	Chromium	24.0		N*	P
7439-92-1	Lead	53.3			P
7439-97-6	Mercury	0.25			CV
7782-49-2	Selenium	2.1			P
7440-22-4	Silver	0.033	U		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

BOT#2

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1454

Matrix (soil/water): SOIL Lab Sample ID: F1454-01

Level (low/med): MED Date Received: 10/05/2007

% Solids: 85.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	15.7			P
7440-39-3	Barium	360			P
7440-43-9	Cadmium	1.8			P
7440-47-3	Chromium	37.5			P
7439-92-1	Lead	1880			P
7439-97-6	Mercury	0.60			CV
7782-49-2	Selenium	2.9			P
7440-22-4	Silver	0.033	U		P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM-X

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix (soil/water): SOIL Lab Sample ID: F1455-06

Level (low/med): MED Date Received: 10/05/2007

% Solids: 84.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	16.7			P
7440-39-3	Barium	564			P
7440-43-9	Cadmium	1.3			P
7440-47-3	Chromium	56.0		N*	P
7439-92-1	Lead	2000			P
7439-97-6	Mercury	0.58			CV
7782-49-2	Selenium	2.3			P
7440-22-4	Silver	0.033	U		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FB

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix (soil/water): WATER Lab Sample ID: F1455-02

Level (low/med): MED Date Received: 10/05/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	11.0	U		P
7440-43-9	Cadmium	0.11	U		P
7440-47-3	Chromium	0.22	U		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.11	U		CV
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	1.2	U		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

NORTH E

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix (soil/water): SOIL Lab Sample ID: F1455-08

Level (low/med): MED Date Received: 10/05/2007

% Solids: 92.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.3			P
7440-39-3	Barium	124			P
7440-43-9	Cadmium	0.29			P
7440-47-3	Chromium	55.1		N*	P
7439-92-1	Lead	220			P
7439-97-6	Mercury	0.32			CV
7782-49-2	Selenium	1.6			P
7440-22-4	Silver	0.026	U		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

NORTH W

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix (soil/water): SOIL Lab Sample ID: F1455-07

Level (low/med): MED Date Received: 10/05/2007

% Solids: 90.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.5			P
7440-39-3	Barium	94.4			P
7440-43-9	Cadmium	0.29			P
7440-47-3	Chromium	16.4		N*	P
7439-92-1	Lead	157			P
7439-97-6	Mercury	0.29			CV
7782-49-2	Selenium	2.1			P
7440-22-4	Silver	0.027	U		P

Comments:

FORM I - IN SW846

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

WEST N

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix (soil/water): SOIL Lab Sample ID: F1455-05

Level (low/med): MED Date Received: 10/05/2007

% Solids: 89.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.3			P
7440-39-3	Barium	68.8			P
7440-43-9	Cadmium	0.20			P
7440-47-3	Chromium	12.3		N*	P
7439-92-1	Lead	107			P
7439-97-6	Mercury	0.19			CV
7782-49-2	Selenium	1.4			P
7440-22-4	Silver	0.027	U		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

WEST S

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1455

Matrix (soil/water): SOIL Lab Sample ID: F1455-04

Level (low/med): MED Date Received: 10/05/2007

% Solids: 90.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.5			P
7440-39-3	Barium	95.4			P
7440-43-9	Cadmium	0.13	B		P
7440-47-3	Chromium	13.7		N*	P
7439-92-1	Lead	161			P
7439-97-6	Mercury	0.27			CV
7782-49-2	Selenium	1.9			P
7440-22-4	Silver	0.029	U		P

Comments:

Endpoint Samples Results for
Samples Collected on October 15 and 16, 2007

*Mitkem and Client Sample ID Summary Report**

Mitkem Workorder: F1507

Client Name: C. A. Rich

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
F1507-01A	BOTTOM	BOTTOM N (15.5)
F1507-01B	BOTTOM	BOTTOM N (15.5)
F1507-02A	N (X1.2)	WEST WALL N (X1.2)
F1507-02B	N (X1.2)	WEST WALL N (X1.2)
F1507-03A	S (X1.2)	WEST WALL S (X1.2)
F1507-03B	S (X1.2)	WEST WALL S (X1.2)
F1507-04A	FB1	FB1
F1507-04B	FB1	FB1
F1507-05A	FB2	FB2
F1507-05B	FB2	FB2
F1507-05C	FB2	FB2
F1507-06A	TRIPBLANK	TRIP BLANK
F1507-07A	FB 10/23	FIELD BLANK 10/23
F1507-07B	FB 10/23	FIELD BLANK 10/23
F1507-07C	FB 10/23	FIELD BLANK 10/23
F1507-08A	SEWALL8FT	SE WALL 8FT
F1507-08B	SEWALL8FT	SE WALL 8FT
F1507-09A	SWWALL8FT	SW WALL 8FT
F1507-09B	SWWALL8FT	SW WALL 8FT
F1507-10A	WSWALL5FT	WS WALL 5FT
F1507-10B	WSWALL5FT	WS WALL 5FT
F1507-11A	B2 (13FT)	B2 (13FT)
F1507-11B	B2 (13FT)	B2 (13FT)
F1507-12A	B1 (13FT)	B1 (13FT)
F1507-12B	B1 (13FT)	B1 (13FT)
F1507-13A	NW2 3.5FT	NW-2 (3.5FT)
F1507-13B	NW2 3.5FT	NW-2 (3.5FT)
F1507-14A	EWALL 1	E WALL (1) (3-5FT)
F1507-14B	EWALL 1	E WALL (1) (3-5FT)
F1507-15A	XWALLX	XWALLX
F1507-15B	XWALLX	XWALLX
F1507-16A	SEWALL3-5	SE WALL (3-5FT)
F1507-16B	SEWALL3-5	SE WALL (3-5FT)
F1507-17A	SWWALL3-5	SW WALL (3-5FT)
F1507-18A	TB-3	TB-3

** If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"*

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-01B

Sample wt/vol: 2.6 (g/mL) G Lab File ID: V1J1021

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. 20 Date Analyzed: 10/24/07

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	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	4	J
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
67-64-1	Acetone	53	
75-15-0	Carbon Disulfide	12	U
75-09-2	Methylene Chloride	6	J
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl tert-butyl ether	12	U
75-34-3	1,1-Dichloroethane	6	J
78-93-3	2-Butanone	9	J
156-59-2	cis-1,2-Dichloroethene	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
107-06-2	1,2-Dichloroethane	12	U
71-43-2	Benzene	12	J
79-01-6	Trichloroethene	12	U
78-87-5	1,2-Dichloropropane	35	
75-27-4	Bromodichloromethane	140	
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	13000	E
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	13	
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	11000	E

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-01B

Sample wt/vol: 2.6 (g/mL) G Lab File ID: V1J1021

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. 20 Date Analyzed: 10/24/07

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)	29000	E
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	1600	E
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-67-8	1,3,5-Trimethylbenzene	8600	E
95-63-6	1,2,4-Trimethylbenzene	15000	E
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
76-13-1	1,1,2-Trichlo-1,2,2-trifluor	12	U
79-20-9	Methyl Acetate	12	U
110-81-7	Cyclohexane	12	U
108-87-2	Methylcyclohexane	3500	E

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BOTTOM

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-01B

Sample wt/vol: 2.6 (g/mL) G Lab File ID: V1J1021

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. 20 Date Analyzed: 10/24/07

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

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 11

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	592-27-8	HEPTANE, 2-METHYL-	7.37	1300	NJ
2.		UNKNOWN	7.55	680	J
3.	111-65-9	OCTANE	8.06	1000	NJ
4.	3073-66-3	CYCLOHEXANE, 1,1,3-TRIMETHYL	8.99	670	NJ
5.		UNKNOWN	9.35	1100	J
6.		UNKNOWN	10.06	2300	J
7.		UNKNOWN	10.70	1300	J
8.		UNKNOWN	10.82	1300	J
9.		UNKNOWN	11.36	1200	J
10.	611-14-3	BENZENE, 1-ETHYL-2-METHYL-	11.60	860	NJ
11.		UNKNOWN	12.45	710	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOMDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-01BDL

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1100A

Level: (low/med) MED Date Received: 10/18/07

% Moisture: not dec. 20 Date Analyzed: 10/26/07

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 8.0

Soil Extract Volume: 5(mL) Soil Aliquot Volume: 100.0(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	2900	U
74-87-3	Chloromethane	2900	U
75-01-4	Vinyl Chloride	2900	U
74-83-9	Bromomethane	2900	U
75-00-3	Chloroethane	2900	U
75-69-4	Trichlorofluoromethane	2900	U
75-35-4	1,1-Dichloroethene	2900	U
67-64-1	Acetone	2900	U
75-15-0	Carbon Disulfide	2900	U
75-09-2	Methylene Chloride	2900	U
156-60-5	trans-1,2-Dichloroethene	2900	U
1634-04-4	Methyl tert-butyl ether	2900	U
75-34-3	1,1-Dichloroethane	2900	U
78-93-3	2-Butanone	2900	U
156-59-2	cis-1,2-Dichloroethene	2900	U
67-66-3	Chloroform	2900	U
71-55-6	1,1,1-Trichloroethane	2900	U
56-23-5	Carbon Tetrachloride	2900	U
107-06-2	1,2-Dichloroethane	2900	U
71-43-2	Benzene	2900	U
79-01-6	Trichloroethene	2900	U
78-87-5	1,2-Dichloropropane	2900	U
75-27-4	Bromodichloromethane	2900	U
10061-01-5	cis-1,3-Dichloropropene	2900	U
108-10-1	4-Methyl-2-pentanone	2900	U
108-88-3	Toluene	96000	D
10061-02-6	trans-1,3-Dichloropropene	2900	U
79-00-5	1,1,2-Trichloroethane	2900	U
127-18-4	Tetrachloroethene	2900	U
591-78-6	2-Hexanone	2900	U
124-48-1	Dibromochloromethane	2900	U
106-93-4	1,2-Dibromoethane	2900	U
108-90-7	Chlorobenzene	2900	U
100-41-4	Ethylbenzene	2600	DJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOMDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-01BDL

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1100A

Level: (low/med) MED Date Received: 10/18/07

% Moisture: not dec. 20 Date Analyzed: 10/26/07

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 8.0

Soil Extract Volume: 5(mL) Soil Aliquot Volume: 100.0(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	Xylene (Total)	13000	D
100-42-5	Styrene	2900	U
75-25-2	Bromoform	2900	U
98-82-8	Isopropylbenzene	640	DJ
79-34-5	1,1,2,2-Tetrachloroethane	2900	U
541-73-1	1,3-Dichlorobenzene	2900	U
106-46-7	1,4-Dichlorobenzene	2900	U
95-50-1	1,2-Dichlorobenzene	2900	U
96-12-8	1,2-Dibromo-3-chloropropane	2900	U
120-82-1	1,2,4-Trichlorobenzene	2900	U
76-13-1	1,1,2-Trichloro-1,2,2-Triflu	2900	U
79-20-9	Methyl Acetate	2900	U
110-81-7	Cyclohexane	2900	U
108-87-2	Methylcyclohexane	2900	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BOTTOMDL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-01BDL

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1100A

Level: (low/med) MED Date Received: 10/18/07

% Moisture: not dec. 20 Date Analyzed: 10/26/07

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 8.0

Soil Extract Volume: 5(mL) Soil Aliquot Volume: 100(uL)

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	111-84-2	NONANE	9.98	44000	NJD
2.	871-83-0	NONANE, 2-METHYL-	11.14	22000	NJD
3.	5911-04-6	NONANE, 3-METHYL-	11.26	31000	NJD
4.	2207-03-6	CYCLOHEXANE, 1,3-DIMETHYL-,	11.62	22000	NJD
5.	124-18-5	DECANE	11.70	120000	NJD
6.	2847-72-5	DECANE, 4-METHYL-	12.06	65000	NJD
7.		UNKNOWN	12.39	31000	JD
8.		UNKNOWN	12.59	23000	JD
9.	6975-98-0	DECANE, 2-METHYL-	12.63	22000	NJD
10.	1120-21-4	UNDECANE	13.11	110000	NJD
11.		UNKNOWN	13.34	24000	JD
12.					
13.					
14.					
15.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5I1600

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. _____ Date Analyzed: 10/18/07

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.

FB1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5I1600

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. _____ Date Analyzed: 10/18/07

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.

FB1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5I1600

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. _____ Date Analyzed: 10/18/07

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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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5I1601

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. _____ Date Analyzed: 10/18/07

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.

FB2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5I1601

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. _____ Date Analyzed: 10/18/07

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5I1601

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. _____ Date Analyzed: 10/18/07

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

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 2

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	629-50-5	TRIDECANE	16.09	6	NJ
2.		UNKNOWN	17.05	12	J
3.					
4.					
5.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

N (X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-02B

Sample wt/vol: 2.5 (g/mL) G Lab File ID: V1J1022

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. 14 Date Analyzed: 10/24/07

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	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
67-64-1	Acetone	360	
75-15-0	Carbon Disulfide	12	U
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl tert-butyl ether	12	U
75-34-3	1,1-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
107-06-2	1,2-Dichloroethane	12	U
71-43-2	Benzene	12	U
79-01-6	Trichloroethene	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-pentanone	12	U
108-88-3	Toluene	800	E
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	140	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

N (X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-02B

Sample wt/vol: 2.5 (g/mL) G Lab File ID: V1J1022

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. 14 Date Analyzed: 10/24/07

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)	8100	E
100-42-5	Styrene	130	
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	82	
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-67-8	1,3,5-Trimethylbenzene	3100	E
95-63-6	1,2,4-Trimethylbenzene	3700	E
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
76-13-1	1,1,2-Trichlo-1,2,2-trifluor	12	U
79-20-9	Methyl Acetate	12	U
110-81-7	Cyclohexane	12	U
108-87-2	Methylcyclohexane	12	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

N (X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-02B

Sample wt/vol: 2.5 (g/mL) G Lab File ID: V1J1022

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. 14 Date Analyzed: 10/24/07

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

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 12

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	2051-30-1	OCTANE, 2,6-DIMETHYL-	10.66	1600	NJ
2.		UNKNOWN	11.19	2100	J
3.	620-14-4	BENZENE, 1-ETHYL-3-METHYL-	11.57	3900	NJ
4.		UNKNOWN	11.72	6400	J
5.	95-63-6	BENZENE, 1,2,4-TRIMETHYL-	11.91	2100	NJ
6.		UNKNOWN	12.41	1700	J
7.		UNKNOWN	12.45	1600	J
8.	535-77-3	BENZENE, 1-METHYL-3-(1-METHY	12.54	13000	NJ
9.	95-63-6	BENZENE, 1,2,4-TRIMETHYL-	12.63	3700	NJ
10.	1120-21-4	UNDECANE	13.14	4600	NJ
11.	874-41-9	BENZENE, 1-ETHYL-2,4-DIMETHY	13.38	1600	NJ
12.		UNKNOWN	13.53	1800	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

N (X1.2)DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-02BDL

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1101

Level: (low/med) MED Date Received: 10/18/07

% Moisture: not dec. 14 Date Analyzed: 10/26/07

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0

Soil Extract Volume: 5(mL) Soil Aliquot Volume: 100.0(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	1300	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	1300	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	1300	U
75-35-4	1,1-Dichloroethene	1300	U
67-64-1	Acetone	520	DJ
75-15-0	Carbon Disulfide	1300	U
75-09-2	Methylene Chloride	280	DJ
156-60-5	trans-1,2-Dichloroethene	1300	U
1634-04-4	Methyl tert-butyl ether	1300	U
75-34-3	1,1-Dichloroethane	1300	U
78-93-3	2-Butanone	1300	U
156-59-2	cis-1,2-Dichloroethene	1300	U
67-66-3	Chloroform	1300	U
71-55-6	1,1,1-Trichloroethane	1300	U
56-23-5	Carbon Tetrachloride	1300	U
107-06-2	1,2-Dichloroethane	1300	U
71-43-2	Benzene	1300	U
79-01-6	Trichloroethene	1300	U
78-87-5	1,2-Dichloropropane	1300	U
75-27-4	Bromodichloromethane	1300	U
10061-01-5	cis-1,3-Dichloropropene	1300	U
108-10-1	4-Methyl-2-pentanone	1300	U
108-88-3	Toluene	950	DJ
10061-02-6	trans-1,3-Dichloropropene	1300	U
79-00-5	1,1,2-Trichloroethane	1300	U
127-18-4	Tetrachloroethene	1300	U
591-78-6	2-Hexanone	1300	U
124-48-1	Dibromochloromethane	1300	U
106-93-4	1,2-Dibromoethane	1300	U
108-90-7	Chlorobenzene	1300	U
100-41-4	Ethylbenzene	450	DJ

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

N (X1.2)DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-02BDL

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1101

Level: (low/med) MED Date Received: 10/18/07

% Moisture: not dec. 14 Date Analyzed: 10/26/07

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0

Soil Extract Volume: 5(mL) Soil Aliquot Volume: 100.0(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	Xylene (Total)	41000	D
100-42-5	Styrene	1300	U
75-25-2	Bromoform	1300	U
98-82-8	Isopropylbenzene	950	DJ
79-34-5	1,1,2,2-Tetrachloroethane	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
96-12-8	1,2-Dibromo-3-chloropropane	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
76-13-1	1,1,2-Trichloro-1,2,2-Triflu	1300	U
79-20-9	Methyl Acetate	1300	U
110-81-7	Cyclohexane	1300	U
108-87-2	Methylcyclohexane	1300	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

N (X1.2)DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-02BDL

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1101

Level: (low/med) MED Date Received: 10/18/07

% Moisture: not dec. 14 Date Analyzed: 10/26/07

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0

Soil Extract Volume: 5(mL) Soil Aliquot Volume: 100(uL)

Number TICs found: 11

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	11.29	4300	JD
2.		UNKNOWN	11.62	3200	JD
3.		UNKNOWN	11.70	9700	JD
4.		UNKNOWN	11.88	3000	JD
5.		UNKNOWN	12.32	4100	JD
6.		UNKNOWN	12.39	4600	JD
7.	95-63-6	BENZENE, 1,2,4-TRIMETHYL-	12.58	2400	NJD
8.	1120-21-4	UNDECANE	13.11	6700	NJD
9.	535-77-3	BENZENE, 1-METHYL-3-(1-METHY	13.35	2700	NJD
10.		UNKNOWN	13.51	2600	JD
11.	2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	13.64	2500	NJD
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S (X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-03B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J1011

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. 17 Date Analyzed: 10/24/07

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	6	U
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	6	U
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	U
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	6	U
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	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S (X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-03B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J1011

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. 17 Date Analyzed: 10/24/07

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)	6	U
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	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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.

S (X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-03B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J1011

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. 17 Date Analyzed: 10/24/07

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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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5I1626

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. _____ Date Analyzed: 10/22/07

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.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5I1626

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. _____ Date Analyzed: 10/22/07

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

TRIPBLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5I1626

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: not dec. _____ Date Analyzed: 10/22/07

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.					
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6655

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: 20 decanted: (Y/N) N Date Extracted:10/19/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/23/07

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
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	4200	
106-47-8	4-Chloroaniline	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	1200	
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	840	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	840	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	61	J
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	840	U
83-32-9	Acenaphthene	370	J
51-28-5	2,4-Dinitrophenol	840	U
100-02-7	4-Nitrophenol	840	U
132-64-9	Dibenzofuran	200	J
121-14-2	2,4-Dinitrotoluene	410	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOTTOM

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6655

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: 20 decanted: (Y/N) N Date Extracted:10/19/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/23/07

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
84-66-2	Diethylphthalate	220	J
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	380	J
100-01-6	4-Nitroaniline	840	U
534-52-1	4,6-Dinitro-2-methylphenol	840	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	840	U
85-01-8	Phenanthrene	2700	
120-12-7	Anthracene	630	
86-74-8	Carbazole	44	J
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	2500	
129-00-0	Pyrene	2200	
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	1100	
218-01-9	Chrysene	1000	
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	920	
207-08-9	Benzo(k)fluoranthene	400	J
50-32-8	Benzo(a)pyrene	780	
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenzo(a,h)anthracene	130	J
191-24-2	Benzo(g,h,i)perylene	480	
92-52-4	1,1'-Biphenyl	84	J
98-86-2	Acetophenone	410	U
1912-24-9	Atrazine	410	U
100-52-7	Benzaldehyde	410	U
105-60-2	Caprolactam	410	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BOTTOM

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-01A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6655

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: 20 decanted: (Y/N) N Date Extracted:10/19/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/23/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 19

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.49	7900	J
2.	108-67-8	BENZENE, 1,3,5-TRIMETHYL-	4.59	12000	NJ
3.		UNKNOWN	4.91	7000	J
4.		UNKNOWN	5.04	7000	J
5.		UNKNOWN	5.15	5100	J
6.		UNKNOWN	5.22	8500	J
7.	141-93-5	BENZENE, 1,3-DIETHYL-	5.29	8400	NJ
8.		UNKNOWN	5.41	15000	J
9.		UNKNOWN	5.64	13000	J
10.	1120-21-4	UNDECANE	5.81	12000	NJ
11.		UNKNOWN	5.84	5600	J
12.		UNKNOWN	5.95	6700	J
13.		UNKNOWN	6.28	9600	J
14.	1632-70-8	UNDECANE, 5-METHYL-	6.41	5400	NJ
15.		UNKNOWN	6.46	6000	J
16.		UNKNOWN	6.53	8700	J
17.	112-40-3	DODECANE	7.00	12000	NJ
18.	57-10-3	N-HEXADECANOIC ACID	12.57	22000	NJ
19.		UNKNOWN	13.20	12000	J
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) WATER Lab Sample ID: F1507-05B

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: S3E6675

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:10/22/07

Concentrated Extract Volume: 500(uL) Date Analyzed: 10/24/07

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
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) WATER Lab Sample ID: F1507-05B

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: S3E6675

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:10/22/07

Concentrated Extract Volume: 500(uL) Date Analyzed: 10/24/07

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
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
92-52-4	1,1'-Biphenyl	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) WATER Lab Sample ID: F1507-05B

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: S3E6675

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:10/22/07

Concentrated Extract Volume: 500(uL) Date Analyzed: 10/24/07

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/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

N (X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6654

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: 14 decanted: (Y/N) N Date Extracted:10/19/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/23/07

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
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	2200	
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	3700	
106-47-8	4-Chloroaniline	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	2200	
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	780	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	780	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	780	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	780	U
100-02-7	4-Nitrophenol	780	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

N (X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6654

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: 14 decanted: (Y/N) N Date Extracted:10/19/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/23/07

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
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	54	J
100-01-6	4-Nitroaniline	780	U
534-52-1	4,6-Dinitro-2-methylphenol	780	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	780	U
85-01-8	Phenanthrene	230	J
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	160	J
129-00-0	Pyrene	96	J
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	56	J
218-01-9	Chrysene	77	J
117-81-7	bis(2-Ethylhexyl)phthalate	1800	
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	66	J
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	42	J
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	59	J
92-52-4	1,1'-Biphenyl	210	J
98-86-2	Acetophenone	380	U
1912-24-9	Atrazine	380	U
100-52-7	Benzaldehyde	380	U
105-60-2	Caprolactam	380	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

N (X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6654

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: 14 decanted: (Y/N) N Date Extracted:10/19/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/23/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 20

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	473-19-8	BICYCLO[2.2.1]HEPTANE, 2,2,3	4.45	10000	NJ
2.	124-18-5	DECANE	4.56	27000	NJ
3.	17302-28-2	NONANE, 2,6-DIMETHYL-	4.83	15000	NJ
4.		UNKNOWN	4.89	21000	J
5.		UNKNOWN	5.01	12000	J
6.		UNKNOWN	5.19	17000	J
7.		UNKNOWN	5.24	13000	J
8.	6975-98-0	DECANE, 2-METHYL-	5.30	16000	NJ
9.		UNKNOWN	5.38	21000	J
10.		UNKNOWN	5.60	16000	J
11.	1120-21-4	UNDECANE	5.75	33000	NJ
12.		UNKNOWN	5.80	14000	J
13.		UNKNOWN	6.26	11000	J
14.	1002-43-3	UNDECANE, 3-METHYL-	6.58	11000	NJ
15.	85-44-9	PHTHALIC ANHYDRIDE	8.56	10000	NJ
16.		UNKNOWN	12.66	26000	J
17.	6566-19-4	10,18-BISNORABIETA-5,7,9(10)	13.17	17000	NJ
18.	80-05-7	PHENOL, 4,4'-(1-METHYLETHYLI	13.38	27000	NJ
19.		UNKNOWN	13.59	19000	J
20.		UNKNOWN	15.19	58000	J
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S (X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-03A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E6653

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: 17 decanted: (Y/N) N Date Extracted:10/19/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/23/07

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
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S (X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-03A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E6653

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: 17 decanted: (Y/N) N Date Extracted:10/19/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/23/07

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
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
86-74-8	Carbazole	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	41	J
129-00-0	Pyrene	43	J
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	41	J
218-01-9	Chrysene	44	J
117-81-7	bis(2-Ethylhexyl)phthalate	83	J
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	85	J
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	62	J
193-39-5	Indeno(1,2,3-cd)pyrene	66	J
53-70-3	Dibenzo(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	80	J
92-52-4	1,1'-Biphenyl	400	U
98-86-2	Acetophenone	400	U
1912-24-9	Atrazine	400	U
100-52-7	Benzaldehyde	400	U
105-60-2	Caprolactam	400	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

S (X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-03A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E6653

Level: (low/med) LOW Date Received: 10/18/07

% Moisture: 17 decanted: (Y/N) N Date Extracted:10/19/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/23/07

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.		UNKNOWN	4.54	190	J
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.					

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FB2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-05B

Sample wt/vol: 500.0 (g/ml) ML Lab File ID: E1G0958F

% Moisture: _____ decanted: (Y/N)___ Date Received: 10/18/07

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted:10/22/07

Concentrated Extract Volume: 5000(uL) Date Analyzed: 10/24/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

N(X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-02A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E1G0999F

% Moisture: 14 decanted: (Y/N) N Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/19/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/24/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

S(X1.2)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-03A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E1G1000F

% Moisture: 17 decanted: (Y/N) N Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/19/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/24/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	40	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

BOTTOM

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1507-01

Level (low/med): MED Date Received: 10/18/2007

% 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	9.6		E	P
7440-39-3	Barium	35.4		E	P
7439-92-1	Lead	24.8		N*E	P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FB1

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): WATER Lab Sample ID: F1507-04

Level (low/med): MED Date Received: 10/18/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	3.5	B		P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB2

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): WATER Lab Sample ID: F1507-05

Level (low/med): MED Date Received: 10/18/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	11.0	U		P
7440-43-9	Cadmium	0.11	U		P
7440-47-3	Chromium	0.25	B		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.11	U		CV
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	1.2	U		P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

N (X1.2)

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1507-02

Level (low/med): MED Date Received: 10/18/2007

% Solids: 86.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	24.4		E	P
7440-39-3	Barium	73.8		E	P
7440-43-9	Cadmium	1.4		E	P
7440-47-3	Chromium	15.4		E	P
7439-92-1	Lead	47.4		N*E	P
7439-97-6	Mercury	0.077			CV
7782-49-2	Selenium	0.10	U		P
7440-22-4	Silver	0.032	U	N	P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S (X1.2)

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1507-03

Level (low/med): MED Date Received: 10/18/2007

% 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	24.3		E	P
7440-39-3	Barium	92.0		E	P
7440-43-9	Cadmium	1.5		E	P
7440-47-3	Chromium	31.5		E	P
7439-92-1	Lead	32.3		N*E	P
7439-97-6	Mercury	0.10			CV
7782-49-2	Selenium	0.10	U		P
7440-22-4	Silver	0.032	U	N	P

Comments:

Endpoint Samples Results for
Samples Collected on October 23 and 24, 2007

*Mitkem and Client Sample ID Summary Report**

Mitkem Workorder: F1507

Client Name: C. A. Rich

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
F1507-01A	BOTTOM	BOTTOM N (15.5)
F1507-01B	BOTTOM	BOTTOM N (15.5)
F1507-02A	N (X1.2)	WEST WALL N (X1.2)
F1507-02B	N (X1.2)	WEST WALL N (X1.2)
F1507-03A	S (X1.2)	WEST WALL S (X1.2)
F1507-03B	S (X1.2)	WEST WALL S (X1.2)
F1507-04A	FB1	FB1
F1507-04B	FB1	FB1
F1507-05A	FB2	FB2
F1507-05B	FB2	FB2
F1507-05C	FB2	FB2
F1507-06A	TRIPBLANK	TRIP BLANK
F1507-07A	FB 10/23	FIELD BLANK 10/23
F1507-07B	FB 10/23	FIELD BLANK 10/23
F1507-07C	FB 10/23	FIELD BLANK 10/23
F1507-08A	SEWALL8FT	SE WALL 8FT
F1507-08B	SEWALL8FT	SE WALL 8FT
F1507-09A	SWWALL8FT	SW WALL 8FT
F1507-09B	SWWALL8FT	SW WALL 8FT
F1507-10A	WSWALL5FT	WS WALL 5FT
F1507-10B	WSWALL5FT	WS WALL 5FT
F1507-11A	B2 (13FT)	B2 (13FT)
F1507-11B	B2 (13FT)	B2 (13FT)
F1507-12A	B1 (13FT)	B1 (13FT)
F1507-12B	B1 (13FT)	B1 (13FT)
F1507-13A	NW2 3.5FT	NW-2 (3.5FT)
F1507-13B	NW2 3.5FT	NW-2 (3.5FT)
F1507-14A	EWALL 1	E WALL (1) (3-5FT)
F1507-14B	EWALL 1	E WALL (1) (3-5FT)
F1507-15A	XWALLX	XWALLX
F1507-15B	XWALLX	XWALLX
F1507-16A	SEWALL3-5	SE WALL (3-5FT)
F1507-16B	SEWALL3-5	SE WALL (3-5FT)
F1507-17A	SWWALL3-5	SW WALL (3-5FT)
F1507-18A	TB-3	TB-3

** If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"*

*Mitkem and Client Sample ID Summary Report**

Mitkem Workorder: F1543

Client Name: C. A. Rich

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
F1543-01A	B3 (11FT)	B3 (11FT)
F1543-01B	B3 (11FT)	B3 (11FT)
F1543-02A	B4 (11FT)	B4 (11FT)
F1543-02B	B4 (11FT)	B4 (11FT)

** If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"*

*Mitkem and Client Sample ID Summary Report**

Mitkem Workorder: F1545

Client Name: C. A. Rich

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
F1545-01A	FB10/24	FIELD BLANK 10/24
F1545-01B	FB10/24	FIELD BLANK 10/24
F1545-01C	FB10/24	FIELD BLANK 10/24
F1545-02A	EASTWALL2	EAST WALL (2) 3-5FT
F1545-02B	EASTWALL2	EAST WALL (2) 3-5FT
F1545-03A	EASTWALL3	EAST WALL (3) 3-5FT
F1545-03B	EASTWALL3	EAST WALL (3) 3-5FT
F1545-04A	B5 (9FT)	B5 (9FT)
F1545-04B	B5 (9FT)	B5 (9FT)
F1545-05A	NWALL3-5	N WALL (3-5FT)
F1545-05B	NWALL3-5	N WALL (3-5FT)
F1545-06A	TB4	TB4

** If client sample ID has not been truncated, the full client sample ID is listed in the column labeled "Reported Client Sample ID"*

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B1 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-12B

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J1016

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 24 Date Analyzed: 10/24/07

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	30	
75-15-0	Carbon Disulfide	2	J
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	6	U
78-93-3	2-Butanone	7	
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	U
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	6	U
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	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B1 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-12B

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J1016

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 24 Date Analyzed: 10/24/07

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)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	J
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B1 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-12B

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J1016

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 24 Date Analyzed: 10/24/07

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

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 10

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	10.36	24	J
2.		UNKNOWN	10.66	34	J
3.		UNKNOWN	10.77	30	J
4.		UNKNOWN	10.82	22	J
5.	3282-53-9	CYCLOHEXENE, 1-BUTYL-	11.57	22	NJ
6.		UNKNOWN	11.71	22	J
7.	17302-28-2	NONANE, 2,6-DIMETHYL-	12.08	51	NJ
8.		UNKNOWN	12.26	22	J
9.		UNKNOWN	12.70	23	J
10.	493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	12.92	34	NJ
11.					
12.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B2 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-11B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1015

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 11 Date Analyzed: 10/24/07

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	15	
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	1	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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B2 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-11B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1015

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 11 Date Analyzed: 10/24/07

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B2 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-11B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1015

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 11 Date Analyzed: 10/24/07

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

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	12.93	8	NJ
2.					
3.					
4.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1543-01B

Sample wt/vol: 2.5 (g/mL) G Lab File ID: V1J1048

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 43 Date Analyzed: 10/25/07

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	18	U
74-87-3	Chloromethane	18	U
75-01-4	Vinyl Chloride	18	U
74-83-9	Bromomethane	18	U
75-00-3	Chloroethane	8	J
75-69-4	Trichlorofluoromethane	18	U
75-35-4	1,1-Dichloroethene	18	U
67-64-1	Acetone	53	
75-15-0	Carbon Disulfide	4	J
75-09-2	Methylene Chloride	8	J
156-60-5	trans-1,2-Dichloroethene	18	U
1634-04-4	Methyl tert-butyl ether	18	U
75-34-3	1,1-Dichloroethane	18	U
78-93-3	2-Butanone	20	
156-59-2	cis-1,2-Dichloroethene	18	U
67-66-3	Chloroform	18	U
71-55-6	1,1,1-Trichloroethane	18	U
56-23-5	Carbon Tetrachloride	18	U
107-06-2	1,2-Dichloroethane	18	U
71-43-2	Benzene	18	U
79-01-6	Trichloroethene	18	U
78-87-5	1,2-Dichloropropane	18	U
75-27-4	Bromodichloromethane	18	U
10061-01-5	cis-1,3-Dichloropropene	18	U
108-10-1	4-Methyl-2-pentanone	18	U
108-88-3	Toluene	5	JB
10061-02-6	trans-1,3-Dichloropropene	18	U
79-00-5	1,1,2-Trichloroethane	240	
127-18-4	Tetrachloroethene	18	U
591-78-6	2-Hexanone	690	
124-48-1	Dibromochloromethane	18	U
106-93-4	1,2-Dibromoethane	18	U
108-90-7	Chlorobenzene	18	U
100-41-4	Ethylbenzene	18	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1543-01B

Sample wt/vol: 2.5 (g/mL) G Lab File ID: V1J1048

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 43 Date Analyzed: 10/25/07

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)	18	U
100-42-5	Styrene	18	U
75-25-2	Bromoform	18	U
98-82-8	Isopropylbenzene	480	
79-34-5	1,1,2,2-Tetrachloroethane	18	U
108-67-8	1,3,5-Trimethylbenzene	18	U
95-63-6	1,2,4-Trimethylbenzene	18	U
541-73-1	1,3-Dichlorobenzene	18	U
106-46-7	1,4-Dichlorobenzene	18	U
95-50-1	1,2-Dichlorobenzene	18	U
96-12-8	1,2-Dibromo-3-chloropropane	18	U
120-82-1	1,2,4-Trichlorobenzene	18	U
76-13-1	1,1,2-Trichlo-1,2,2-trifluor	18	U
79-20-9	Methyl Acetate	18	U
110-81-7	Cyclohexane	7	J
108-87-2	Methylcyclohexane	130	

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B3 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1543-01B

Sample wt/vol: 2.5 (g/mL) G Lab File ID: V1J1048

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 43 Date Analyzed: 10/25/07

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

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 12

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	10.35	6100	J
2.	2051-30-1	OCTANE, 2,6-DIMETHYL-	10.65	9100	NJ
3.		UNKNOWN	10.76	8600	J
4.		UNKNOWN	10.82	5600	J
5.		UNKNOWN	11.03	400	J
6.		UNKNOWN	11.31	460	J
7.		UNKNOWN	11.71	410	J
8.		UNKNOWN	12.02	370	J
9.		UNKNOWN	12.08	630	J
10.	13151-34-3	DECANE, 3-METHYL-	12.34	490	NJ
11.	1678-93-9	CYCLOHEXANE, BUTYL-	12.40	390	NJ
12.		UNKNOWN	13.35	370	J
13.					
14.					
15.					
16.					
17.					
18.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1543-02B

Sample wt/vol: 0.5 (g/mL) G Lab File ID: V1J1049

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 15 Date Analyzed: 10/25/07

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	59	U
74-87-3	Chloromethane	59	U
75-01-4	Vinyl Chloride	59	U
74-83-9	Bromomethane	59	U
75-00-3	Chloroethane	59	U
75-69-4	Trichlorofluoromethane	59	U
75-35-4	1,1-Dichloroethene	59	U
67-64-1	Acetone	61	
75-15-0	Carbon Disulfide	59	U
75-09-2	Methylene Chloride	30	J
156-60-5	trans-1,2-Dichloroethene	59	U
1634-04-4	Methyl tert-butyl ether	59	U
75-34-3	1,1-Dichloroethane	59	U
78-93-3	2-Butanone	59	U
156-59-2	cis-1,2-Dichloroethene	59	U
67-66-3	Chloroform	59	U
71-55-6	1,1,1-Trichloroethane	59	U
56-23-5	Carbon Tetrachloride	59	U
107-06-2	1,2-Dichloroethane	59	U
71-43-2	Benzene	59	U
79-01-6	Trichloroethene	59	U
78-87-5	1,2-Dichloropropane	59	U
75-27-4	Bromodichloromethane	59	U
10061-01-5	cis-1,3-Dichloropropene	59	U
108-10-1	4-Methyl-2-pentanone	59	U
108-88-3	Toluene	29	JB
10061-02-6	trans-1,3-Dichloropropene	59	U
79-00-5	1,1,2-Trichloroethane	59	U
127-18-4	Tetrachloroethene	59	U
591-78-6	2-Hexanone	59	U
124-48-1	Dibromochloromethane	59	U
106-93-4	1,2-Dibromoethane	59	U
108-90-7	Chlorobenzene	59	U
100-41-4	Ethylbenzene	50	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1543-02B

Sample wt/vol: 0.5 (g/mL) G Lab File ID: V1J1049

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 15 Date Analyzed: 10/25/07

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)	42	J
100-42-5	Styrene	59	U
75-25-2	Bromoform	59	U
98-82-8	Isopropylbenzene	2000	
79-34-5	1,1,2,2-Tetrachloroethane	59	U
108-67-8	1,3,5-Trimethylbenzene	1400	
95-63-6	1,2,4-Trimethylbenzene	8300	E
541-73-1	1,3-Dichlorobenzene	59	U
106-46-7	1,4-Dichlorobenzene	59	U
95-50-1	1,2-Dichlorobenzene	59	U
96-12-8	1,2-Dibromo-3-chloropropane	59	U
120-82-1	1,2,4-Trichlorobenzene	59	U
76-13-1	1,1,2-Trichlo-1,2,2-trifluor	59	U
79-20-9	Methyl Acetate	59	U
110-81-7	Cyclohexane	59	U
108-87-2	Methylcyclohexane	750	

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B4 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1543-02B

Sample wt/vol: 0.5 (g/mL) G Lab File ID: V1J1049

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 15 Date Analyzed: 10/25/07

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

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 12

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	3073-66-3	CYCLOHEXANE, 1,1,3-TRIMETHYL	8.97	13000	NJ
2.		UNKNOWN	9.26	33000	J
3.		UNKNOWN	9.47	16000	J
4.		UNKNOWN	9.96	61000	J
5.		UNKNOWN	10.38	84000	J
6.		UNKNOWN	10.68	22000	J
7.		UNKNOWN	11.06	19000	J
8.		UNKNOWN	11.98	21000	J
9.		UNKNOWN	12.29	14000	J
10.		UNKNOWN	12.36	20000	J
11.		UNKNOWN	12.43	23000	J
12.	91-17-8	NAPHTHALENE, DECAHYDRO-	12.94	21000	NJ
13.					
14.					
15.					
16.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4 (11FT)DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1543-02BDL

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J1102

Level: (low/med) MED Date Received: 10/25/07

% Moisture: not dec. 15 Date Analyzed: 10/26/07

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0

Soil Extract Volume: 5(mL) Soil Aliquot Volume: 100.0(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	1400	U
75-01-4	Vinyl Chloride	1400	U
74-83-9	Bromomethane	1400	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	1400	U
75-35-4	1,1-Dichloroethene	1400	U
67-64-1	Acetone	1400	U
75-15-0	Carbon Disulfide	1400	U
75-09-2	Methylene Chloride	1400	U
156-60-5	trans-1,2-Dichloroethene	1400	U
1634-04-4	Methyl tert-butyl ether	1400	U
75-34-3	1,1-Dichloroethane	1400	U
78-93-3	2-Butanone	1400	U
156-59-2	cis-1,2-Dichloroethene	1400	U
67-66-3	Chloroform	1400	U
71-55-6	1,1,1-Trichloroethane	1400	U
56-23-5	Carbon Tetrachloride	1400	U
107-06-2	1,2-Dichloroethane	1400	U
71-43-2	Benzene	1400	U
79-01-6	Trichloroethene	1400	U
78-87-5	1,2-Dichloropropane	1400	U
75-27-4	Bromodichloromethane	1400	U
10061-01-5	cis-1,3-Dichloropropene	1400	U
108-10-1	4-Methyl-2-pentanone	1400	U
108-88-3	Toluene	1400	U
10061-02-6	trans-1,3-Dichloropropene	1400	U
79-00-5	1,1,2-Trichloroethane	1400	U
127-18-4	Tetrachloroethene	1400	U
591-78-6	2-Hexanone	1400	U
124-48-1	Dibromochloromethane	1400	U
106-93-4	1,2-Dibromoethane	1400	U
108-90-7	Chlorobenzene	1400	U
100-41-4	Ethylbenzene	1400	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4 (11FT)DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1543-02BDL

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J1102

Level: (low/med) MED Date Received: 10/25/07

% Moisture: not dec. 15 Date Analyzed: 10/26/07

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0

Soil Extract Volume: 5(mL) Soil Aliquot Volume: 100.0(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	Xylene (Total)	1400	U
100-42-5	Styrene	1400	U
75-25-2	Bromoform	1400	U
98-82-8	Isopropylbenzene	3200	D
79-34-5	1,1,2,2-Tetrachloroethane	1400	U
541-73-1	1,3-Dichlorobenzene	1400	U
106-46-7	1,4-Dichlorobenzene	1400	U
95-50-1	1,2-Dichlorobenzene	1400	U
96-12-8	1,2-Dibromo-3-chloropropane	1400	U
120-82-1	1,2,4-Trichlorobenzene	1400	U
76-13-1	1,1,2-Trichloro-1,2,2-Triflu	1400	U
79-20-9	Methyl Acetate	1400	U
110-81-7	Cyclohexane	1400	U
108-87-2	Methylcyclohexane	380	DJ

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B4 (11FT)DL

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1543-02BDL

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J1102

Level: (low/med) MED Date Received: 10/25/07

% Moisture: not dec. 15 Date Analyzed: 10/26/07

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0

Soil Extract Volume: 5(mL) Soil Aliquot Volume: 100(uL)

Number TICs found: 12 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	5911-04-6	NONANE, 3-METHYL-	10.64	130000	NJD
2.		UNKNOWN	10.75	130000	JD
3.		UNKNOWN	10.82	82000	JD
4.		UNKNOWN	11.30	33000	JD
5.		UNKNOWN	11.69	32000	JD
6.	2847-72-5	DECANE, 4-METHYL-	12.07	70000	NJD
7.		UNKNOWN	12.32	23000	JD
8.	1678-93-9	CYCLOHEXANE, BUTYL-	12.39	41000	NJD
9.		UNKNOWN	12.70	22000	JD
10.	493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	12.91	84000	NJD
11.		UNKNOWN	13.28	23000	JD
12.		UNKNOWN	13.35	32000	JD
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B5 (9FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-04B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1J1045

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 6 Date Analyzed: 10/25/07

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	1	JB
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.

B5 (9FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-04B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1J1045

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 6 Date Analyzed: 10/25/07

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.

B5 (9FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-04B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1J1045

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 6 Date Analyzed: 10/25/07

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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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EASTWALL2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-02B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J1041

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 19 Date Analyzed: 10/25/07

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	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
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	U
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	2	JB
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	6	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EASTWALL2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-02B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J1041

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 19 Date Analyzed: 10/25/07

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)	6	U
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	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EASTWALL2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-02B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1J1041

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 19 Date Analyzed: 10/25/07

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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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EASTWALL3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-03B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1044

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 8 Date Analyzed: 10/25/07

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	1	J
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	2	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	2	J
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	2	JB
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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EASTWALL3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-03B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1044

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 8 Date Analyzed: 10/25/07

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.

EASTWALL3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-03B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1044

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 8 Date Analyzed: 10/25/07

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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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EWALL 1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-14B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1018

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 17 Date Analyzed: 10/24/07

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	1	J
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	2	J
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
75-34-3	1,1-Dichloroethane	3	J
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	48	
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
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	6	U
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	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EWALL 1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-14B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1018

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 17 Date Analyzed: 10/24/07

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)	6	U
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	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EWALL 1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-14B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1018

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 17 Date Analyzed: 10/24/07

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

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 10

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	12.25	23	J
2.		UNKNOWN	12.39	73	J
3.		UNKNOWN	12.67	110	J
4.		UNKNOWN	12.72	74	J
5.		UNKNOWN	12.93	79	J
6.		UNKNOWN	13.12	27	J
7.		UNKNOWN	13.20	26	J
8.		UNKNOWN	13.36	25	J
9.		UNKNOWN	13.50	30	J
10.	1000152-47-3	TRANS-DECALIN, 2-METHYL-	13.65	24	NJ
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 10/23

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J1063

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. _____ Date Analyzed: 10/26/07

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

FB 10/23

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J1063

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. _____ Date Analyzed: 10/26/07

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB 10/23

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J1063

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. _____ Date Analyzed: 10/26/07

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.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB10/24

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1545-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J1066

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. _____ Date Analyzed: 10/26/07

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	2	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.

FB10/24

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1545-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J1066

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. _____ Date Analyzed: 10/26/07

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB10/24

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1545-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J1066

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. _____ Date Analyzed: 10/26/07

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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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NW2 3.5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-13B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1J1017

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 13 Date Analyzed: 10/24/07

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	4	J
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	2	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	1	J
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	4	J
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.

NW2 3.5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-13B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1J1017

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 13 Date Analyzed: 10/24/07

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NW2 3.5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-13B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1J1017

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 13 Date Analyzed: 10/24/07

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.

NWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-05B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1J1046

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 19 Date Analyzed: 10/25/07

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	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	2	J
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
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	3	J
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
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	1	JB
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
127-18-4	Tetrachloroethene	5	J
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	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-05B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1J1046

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 19 Date Analyzed: 10/25/07

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)	6	U
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	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-05B

Sample wt/vol: 5.3 (g/mL) G Lab File ID: V1J1046

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. 19 Date Analyzed: 10/25/07

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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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-16B

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J1020

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 15 Date Analyzed: 10/24/07

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	18	
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	110	
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	160	
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	26	
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	4	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-16B

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J1020

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 15 Date Analyzed: 10/24/07

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	5	U
75-25-2	Bromoform	5	U
98-82-8	Isopropylbenzene	5	J
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-67-8	1,3,5-Trimethylbenzene	19	
95-63-6	1,2,4-Trimethylbenzene	90	
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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SEWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-16B

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J1020

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 15 Date Analyzed: 10/24/07

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

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	10.65	21	J
2.		UNKNOWN	11.31	21	J
3.	1678-93-9	CYCLOHEXANE, BUTYL-	12.39	26	NJ
4.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	12.60	36	NJ
5.		UNKNOWN	13.15	19	J
6.		UNKNOWN	13.29	26	J
7.	527-84-4	BENZENE, 1-METHYL-2-(1-METHY	13.37	37	NJ
8.	7525-62-4	BENZENE, 1-ETHENYL-3-ETHYL-	13.49	29	NJ
9.	527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL	13.87	23	NJ
10.		UNKNOWN	14.32	26	J
11.					
12.					
13.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-08B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1012

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 17 Date Analyzed: 10/24/07

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	6	U
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	6	U
75-34-3	1,1-Dichloroethane	1	J
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	2	J
56-23-5	Carbon Tetrachloride	6	U
107-06-2	1,2-Dichloroethane	6	U
71-43-2	Benzene	6	U
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	6	U
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	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-08B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1012

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 17 Date Analyzed: 10/24/07

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)	6	U
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	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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.

SEWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-08B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1012

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 17 Date Analyzed: 10/24/07

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.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-09B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1013

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 23 Date Analyzed: 10/24/07

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	11	
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	6	U
75-34-3	1,1-Dichloroethane	2	J
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	U
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	6	U
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	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-09B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1013

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 23 Date Analyzed: 10/24/07

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)	6	U
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	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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

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1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SWWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-09B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V1J1013

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 23 Date Analyzed: 10/24/07

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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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J1064

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. _____ Date Analyzed: 10/26/07

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.

TB-3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J1064

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. _____ Date Analyzed: 10/26/07

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

TB-3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-18A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J1064

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. _____ Date Analyzed: 10/26/07

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.					
3.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1545-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J1065

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. _____ Date Analyzed: 10/26/07

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.

TB4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1545-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J1065

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. _____ Date Analyzed: 10/26/07

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.

TB4

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1545-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J1065

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: not dec. _____ Date Analyzed: 10/26/07

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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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WSWALL5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-10B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J1014

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 15 Date Analyzed: 10/24/07

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	6	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	1	J
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-butyl ether	6	U
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	U
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	6	U
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	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WSWALL5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-10B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J1014

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 15 Date Analyzed: 10/24/07

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)	6	U
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	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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.

WSWALL5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-10B

Sample wt/vol: 5.1 (g/mL) G Lab File ID: V1J1014

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 15 Date Analyzed: 10/24/07

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.

XWALLX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-15B

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J1019

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 15 Date Analyzed: 10/24/07

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	1	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	4	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	52	
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.

XWALLX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-15B

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J1019

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 15 Date Analyzed: 10/24/07

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

XWALLX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-15B

Sample wt/vol: 5.4 (g/mL) G Lab File ID: V1J1019

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: not dec. 15 Date Analyzed: 10/24/07

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

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 10

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	12.11	7	J
2.		UNKNOWN	12.39	18	J
3.		UNKNOWN	12.67	27	J
4.		UNKNOWN	12.71	21	J
5.		UNKNOWN	12.93	22	J
6.		UNKNOWN	13.12	7	J
7.		UNKNOWN	13.19	6	J
8.		UNKNOWN	13.50	7	J
9.		UNKNOWN	13.65	7	J
10.	1000158-89-0	DECALIN, ANTI-1-METHYL-, CIS	13.88	6	NJ
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B1 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-12A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6762

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 24 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/27/07

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	430	U
111-44-4	bis(2-Chloroethyl)Ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
111-91-1	bis(2-Chloroethoxy)methane	430	U
87-68-3	Hexachlorobutadiene	430	U
59-50-7	4-Chloro-3-Methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	880	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	880	U
131-11-3	Dimethylphthalate	430	U
208-96-8	Acenaphthylene	430	U
606-20-2	2,6-Dinitrotoluene	430	U
99-09-2	3-Nitroaniline	880	U
83-32-9	Acenaphthene	430	U
51-28-5	2,4-Dinitrophenol	880	U
100-02-7	4-Nitrophenol	880	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B1 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-12A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6762

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 24 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/27/07

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
84-66-2	Diethylphthalate	76	J
7005-72-3	4-Chlorophenyl-phenylether	430	U
86-73-7	Fluorene	430	U
100-01-6	4-Nitroaniline	880	U
534-52-1	4,6-Dinitro-2-methylphenol	880	U
86-30-6	N-Nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
87-86-5	Pentachlorophenol	880	U
85-01-8	Phenanthrene	82	J
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	170	J
129-00-0	Pyrene	170	J
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U
56-55-3	Benzo(a)anthracene	83	J
218-01-9	Chrysene	92	J
117-81-7	bis(2-Ethylhexyl)phthalate	430	U
117-84-0	Di-n-octylphthalate	430	U
205-99-2	Benzo(b)fluoranthene	98	J
207-08-9	Benzo(k)fluoranthene	430	U
50-32-8	Benzo(a)pyrene	74	J
193-39-5	Indeno(1,2,3-cd)pyrene	430	U
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	56	J
92-52-4	1,1'-Biphenyl	430	U
98-86-2	Acetophenone	430	U
1912-24-9	Atrazine	430	U
100-52-7	Benzaldehyde	430	U
105-60-2	Caprolactam	430	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B1 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-12A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E6762

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 24 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/27/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 6

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	103-65-1	BENZENE, PROPYL-	3.84	480	NJ
2.	611-14-3	BENZENE, 1-ETHYL-2-METHYL-	3.91	220	NJ
3.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	4.25	550	NJ
4.		UNKNOWN	4.91	180	J
5.	934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	5.23	180	NJ
6.		UNKNOWN	10.35	280	J
7.					
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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B2 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-11A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6761

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 11 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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	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
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
87-68-3	Hexachlorobutadiene	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	750	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	750	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	750	U
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	750	U
100-02-7	4-Nitrophenol	750	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B2 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-11A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6761

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 11 decanted: (Y/N) N Date Extracted: 10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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
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	750	U
534-52-1	4,6-Dinitro-2-methylphenol	750	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	750	U
85-01-8	Phenanthrene	52	J
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	100	J
129-00-0	Pyrene	92	J
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	46	J
218-01-9	Chrysene	50	J
117-81-7	bis(2-Ethylhexyl)phthalate	58	J
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	40	J
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

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B2 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-11A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6761

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 11 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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.	103-65-1	BENZENE, PROPYL-	3.84	260	NJ
2.	622-96-8	BENZENE, 1-ETHYL-4-METHYL-	3.91	170	NJ
3.		UNKNOWN	3.92	460	J
4.		UNKNOWN	4.04	160	J
5.		UNKNOWN	4.07	220	J
6.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	4.25	350	NJ
7.		UNKNOWN	4.42	160	J
8.		UNKNOWN	4.54	190	J
9.		UNKNOWN	4.66	160	J
10.	71186-27-1	1-ETHYL-2,2,6-TRIMETHYLCYCLO	4.84	190	NJ
11.	493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	5.01	220	NJ
12.	1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	5.23	150	NJ
13.	527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL	5.62	150	NJ
14.	1000152-47-3	TRANS-DECALIN, 2-METHYL-	5.67	170	NJ
15.	13798-23-7	SULFUR	10.34	520	NJ
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1543-01A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E6724

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 43 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/25/07

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	570	U
111-44-4	bis(2-Chloroethyl)Ether	570	U
95-57-8	2-Chlorophenol	570	U
95-48-7	2-Methylphenol	570	U
108-60-1	2,2'-oxybis(1-Chloropropane)	570	U
106-44-5	4-Methylphenol	570	U
621-64-7	N-Nitroso-di-n-propylamine	570	U
67-72-1	Hexachloroethane	570	U
98-95-3	Nitrobenzene	570	U
78-59-1	Isophorone	570	U
88-75-5	2-Nitrophenol	570	U
105-67-9	2,4-Dimethylphenol	570	U
120-83-2	2,4-Dichlorophenol	570	U
91-20-3	Naphthalene	1100	
106-47-8	4-Chloroaniline	570	U
111-91-1	bis(2-Chloroethoxy)methane	570	U
87-68-3	Hexachlorobutadiene	570	U
59-50-7	4-Chloro-3-Methylphenol	570	U
91-57-6	2-Methylnaphthalene	2700	
77-47-4	Hexachlorocyclopentadiene	570	U
88-06-2	2,4,6-Trichlorophenol	570	U
95-95-4	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	570	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	570	U
208-96-8	Acenaphthylene	570	U
606-20-2	2,6-Dinitrotoluene	570	U
99-09-2	3-Nitroaniline	1200	U
83-32-9	Acenaphthene	570	U
51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	1200	U
132-64-9	Dibenzofuran	59	J
121-14-2	2,4-Dinitrotoluene	570	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1543-01A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E6724

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 43 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/25/07

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
84-66-2	Diethylphthalate	570	U
7005-72-3	4-Chlorophenyl-phenylether	570	U
86-73-7	Fluorene	90	J
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	N-Nitrosodiphenylamine (1)	570	U
101-55-3	4-Bromophenyl-phenylether	570	U
118-74-1	Hexachlorobenzene	570	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	62	J
120-12-7	Anthracene	570	U
86-74-8	Carbazole	570	U
84-74-2	Di-n-butylphthalate	570	U
206-44-0	Fluoranthene	570	U
129-00-0	Pyrene	570	U
85-68-7	Butylbenzylphthalate	570	U
91-94-1	3,3'-Dichlorobenzidine	570	U
56-55-3	Benzo(a)anthracene	570	U
218-01-9	Chrysene	570	U
117-81-7	bis(2-Ethylhexyl)phthalate	570	U
117-84-0	Di-n-octylphthalate	570	U
205-99-2	Benzo(b)fluoranthene	570	U
207-08-9	Benzo(k)fluoranthene	570	U
50-32-8	Benzo(a)pyrene	570	U
193-39-5	Indeno(1,2,3-cd)pyrene	570	U
53-70-3	Dibenzo(a,h)anthracene	570	U
191-24-2	Benzo(g,h,i)perylene	570	U
92-52-4	1,1'-Biphenyl	190	J
98-86-2	Acetophenone	570	U
1912-24-9	Atrazine	570	U
100-52-7	Benzaldehyde	570	U
105-60-2	Caprolactam	570	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B3 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1543-01A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E6724

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 43 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/25/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 20

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	4.34	2600	NJ
2.	488-23-3	BENZENE, 1,2,3,4-TETRAMETHYL	5.78	1400	NJ
3.		UNKNOWN	6.18	1600	J
4.		UNKNOWN	6.25	1300	J
5.		UNKNOWN	6.33	1400	J
6.	17301-23-4	UNDECANE, 2,6-DIMETHYL-	6.86	2800	NJ
7.		UNKNOWN	7.28	1400	J
8.		UNKNOWN	7.61	4200	J
9.	90-12-0	NAPHTHALENE, 1-METHYL-	8.31	1400	NJ
10.		UNKNOWN	8.62	2000	J
11.		UNKNOWN	9.26	1400	J
12.	1127-76-0	NAPHTHALENE, 1-ETHYL-	9.33	1300	NJ
13.	581-40-8	NAPHTHALENE, 2,3-DIMETHYL-	9.58	1500	NJ
14.		UNKNOWN	9.77	1900	J
15.		UNKNOWN	9.82	4200	J
16.		UNKNOWN	9.98	1300	J
17.	3892-00-0	PENTADECANE, 2,6,10-TRIMETHY	11.04	1400	NJ
18.		UNKNOWN	11.33	1300	J
19.		UNKNOWN	14.41	15000	J
20.		UNKNOWN	14.85	1700	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1543-02A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6725

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/25/07

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	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	740	
106-47-8	4-Chloroaniline	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	320	J
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	780	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	780	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	780	U
83-32-9	Acenaphthene	99	J
51-28-5	2,4-Dinitrophenol	780	U
100-02-7	4-Nitrophenol	780	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1543-02A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6725

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/25/07

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
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	60	J
100-01-6	4-Nitroaniline	780	U
534-52-1	4,6-Dinitro-2-methylphenol	780	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	780	U
85-01-8	Phenanthrene	460	
120-12-7	Anthracene	100	J
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	940	
129-00-0	Pyrene	890	
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	440	
218-01-9	Chrysene	440	
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	630	
207-08-9	Benzo(k)fluoranthene	220	J
50-32-8	Benzo(a)pyrene	450	
193-39-5	Indeno(1,2,3-cd)pyrene	270	J
53-70-3	Dibenzo(a,h)anthracene	83	J
191-24-2	Benzo(g,h,i)perylene	360	J
92-52-4	1,1'-Biphenyl	380	U
98-86-2	Acetophenone	380	U
1912-24-9	Atrazine	380	U
100-52-7	Benzaldehyde	380	U
105-60-2	Caprolactam	380	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B4 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1543-02A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6725

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/25/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 20

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	3.90	3900	J
2.		UNKNOWN	4.03	7600	J
3.		UNKNOWN	4.27	6700	J
4.		UNKNOWN	4.31	5300	J
5.		UNKNOWN	4.38	4100	J
6.		UNKNOWN	4.50	4200	J
7.		UNKNOWN	4.67	5900	J
8.	629-78-7	HEPTADECANE	4.76	8100	NJ
9.		UNKNOWN	4.80	11000	J
10.		UNKNOWN	4.98	7200	J
11.	493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	5.16	7400	NJ
12.	934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	5.39	14000	NJ
13.		UNKNOWN	5.46	5200	J
14.		UNKNOWN	5.56	9900	J
15.		UNKNOWN	5.64	4000	J
16.		UNKNOWN	5.68	6900	J
17.		UNKNOWN	5.77	5200	J
18.		UNKNOWN	5.82	9600	J
19.		UNKNOWN	6.01	9300	J
20.		UNKNOWN	6.27	3800	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B5 (9FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1545-04A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E6786

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 6 decanted: (Y/N) N Date Extracted:10/28/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

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	340	U
111-44-4	bis(2-Chloroethyl)Ether	340	U
95-57-8	2-Chlorophenol	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	2,2'-oxybis(1-Chloropropane)	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
120-83-2	2,4-Dichlorophenol	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
111-91-1	bis(2-Chloroethoxy)methane	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-Methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	700	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	700	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	95	J
606-20-2	2,6-Dinitrotoluene	340	U
99-09-2	3-Nitroaniline	700	U
83-32-9	Acenaphthene	63	J
51-28-5	2,4-Dinitrophenol	700	U
100-02-7	4-Nitrophenol	700	U
132-64-9	Dibenzofuran	340	U
121-14-2	2,4-Dinitrotoluene	340	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B5 (9FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1545-04A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E6786

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 6 decanted: (Y/N) N Date Extracted:10/28/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

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
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	60	J
100-01-6	4-Nitroaniline	700	U
534-52-1	4,6-Dinitro-2-methylphenol	700	U
86-30-6	N-Nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenyl-phenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	700	U
85-01-8	Phenanthrene	810	
120-12-7	Anthracene	210	J
86-74-8	Carbazole	94	J
84-74-2	Di-n-butylphthalate	340	U
206-44-0	Fluoranthene	1700	
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	340	U
56-55-3	Benzo(a)anthracene	850	
218-01-9	Chrysene	1000	
117-81-7	bis(2-Ethylhexyl)phthalate	50	J
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo(b)fluoranthene	1200	
207-08-9	Benzo(k)fluoranthene	530	
50-32-8	Benzo(a)pyrene	950	
193-39-5	Indeno(1,2,3-cd)pyrene	620	
53-70-3	Dibenzo(a,h)anthracene	210	J
191-24-2	Benzo(g,h,i)perylene	720	
92-52-4	1,1'-Biphenyl	340	U
98-86-2	Acetophenone	340	U
1912-24-9	Atrazine	340	U
100-52-7	Benzaldehyde	340	U
105-60-2	Caprolactam	340	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B5 (9FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1545-04A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E6786

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 6 decanted: (Y/N) N Date Extracted:10/28/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 7

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	620-14-4	BENZENE, 1-ETHYL-3-METHYL-	3.81	430	NJ
2.	611-14-3	BENZENE, 1-ETHYL-2-METHYL-	3.98	310	NJ
3.	108-67-8	BENZENE, 1,3,5-TRIMETHYL-	4.14	330	NJ
4.	832-69-9	PHENANTHRENE, 1-METHYL-	12.19	190	NJ
5.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	12.26	210	NJ
6.	84-65-1	9,10-ANTHRACENEDIONE	12.46	170	NJ
7.	205-82-3	BENZO[J]FLUORANTHENE	15.15	600	NJ
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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EASTWALL2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1545-02A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E6782

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 19 decanted: (Y/N) N Date Extracted:10/28/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

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	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	120	J
106-47-8	4-Chloroaniline	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	77	J
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	810	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	810	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	42	J
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	810	U
83-32-9	Acenaphthene	410	
51-28-5	2,4-Dinitrophenol	810	U
100-02-7	4-Nitrophenol	810	U
132-64-9	Dibenzofuran	200	J
121-14-2	2,4-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EASTWALL2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1545-02A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E6782

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 19 decanted: (Y/N) N Date Extracted: 10/28/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

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
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	330	J
100-01-6	4-Nitroaniline	810	U
534-52-1	4,6-Dinitro-2-methylphenol	810	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	810	U
85-01-8	Phenanthrene	2800	
120-12-7	Anthracene	790	
86-74-8	Carbazole	300	J
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	3100	
129-00-0	Pyrene	2800	
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	1400	
218-01-9	Chrysene	1400	
117-81-7	bis(2-Ethylhexyl)phthalate	59	J
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	1600	
207-08-9	Benzo(k)fluoranthene	630	
50-32-8	Benzo(a)pyrene	1300	
193-39-5	Indeno(1,2,3-cd)pyrene	840	
53-70-3	Dibenzo(a,h)anthracene	250	J
191-24-2	Benzo(g,h,i)perylene	930	
92-52-4	1,1'-Biphenyl	400	U
98-86-2	Acetophenone	400	U
1912-24-9	Atrazine	400	U
100-52-7	Benzaldehyde	400	U
105-60-2	Caprolactam	400	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EASTWALL2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1545-02A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E6782

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 19 decanted: (Y/N) N Date Extracted:10/28/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 10

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	12.16	360	J
2.	610-48-0	ANTHRACENE, 1-METHYL-	12.19	440	NJ
3.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	12.26	580	NJ
4.	35465-71-5	2-PHENYLNAPHTHALENE	12.44	220	NJ
5.	84-65-1	9,10-ANTHRACENEDIONE	12.46	270	NJ
6.	3674-65-5	PHENANTHRENE, 2,3-DIMETHYL-	12.67	260	NJ
7.	243-17-4	11H-BENZO[B]FLUORENE	13.30	200	NJ
8.		UNKNOWN	13.36	170	J
9.		UNKNOWN	13.88	170	J
10.	198-55-0	PERYLENE	15.15	680	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EASTWALL3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1545-03A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E6785

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 8 decanted: (Y/N) N Date Extracted: 10/28/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

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	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
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
87-68-3	Hexachlorobutadiene	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	720	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	720	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	720	U
83-32-9	Acenaphthene	350	U
51-28-5	2,4-Dinitrophenol	720	U
100-02-7	4-Nitrophenol	720	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EASTWALL3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1545-03A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E6785

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 8 decanted: (Y/N) N Date Extracted: 10/28/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

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
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	720	U
534-52-1	4,6-Dinitro-2-methylphenol	720	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	720	U
85-01-8	Phenanthrene	250	J
120-12-7	Anthracene	95	J
86-74-8	Carbazole	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	780	
129-00-0	Pyrene	770	
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo(a)anthracene	560	
218-01-9	Chrysene	620	
117-81-7	bis(2-Ethylhexyl)phthalate	47	J
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	840	
207-08-9	Benzo(k)fluoranthene	340	J
50-32-8	Benzo(a)pyrene	620	
193-39-5	Indeno(1,2,3-cd)pyrene	510	
53-70-3	Dibenzo(a,h)anthracene	160	J
191-24-2	Benzo(g,h,i)perylene	560	
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

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EASTWALL3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1545-03A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E6785

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 8 decanted: (Y/N) N Date Extracted:10/28/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 3

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	4.14	290	NJ
2.		UNKNOWN	4.72	150	J
3.	192-97-2	BENZO[E]PYRENE	15.15	440	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EWALL 1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-14A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E6764

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 17 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/27/07

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	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	120	J
106-47-8	4-Chloroaniline	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	78	J
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	40	J
121-14-2	2,4-Dinitrotoluene	390	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EWALL 1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-14A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E6764

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 17 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/27/07

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
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	56	J
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	790	
120-12-7	Anthracene	160	J
86-74-8	Carbazole	71	J
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	1600	
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	990	
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	2600	
207-08-9	Benzo(k)fluoranthene	1200	
50-32-8	Benzo(a)pyrene	1100	
193-39-5	Indeno(1,2,3-cd)pyrene	1300	
53-70-3	Dibenzo(a,h)anthracene	450	
191-24-2	Benzo(g,h,i)perylene	1500	
92-52-4	1,1'-Biphenyl	390	U
98-86-2	Acetophenone	390	U
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
105-60-2	Caprolactam	390	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EWALL 1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-14A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E6764

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 17 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/27/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 18

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	4.25	1800	NJ
2.	99-87-6	BENZENE, 1-METHYL-4-(1-METHY	4.57	480	NJ
3.		UNKNOWN	4.63	1100	J
4.	105-05-5	BENZENE, 1,4-DIETHYL-	4.81	400	NJ
5.		UNKNOWN	4.84	1500	J
6.	105-05-5	BENZENE, 1,4-DIETHYL-	4.91	500	NJ
7.		UNKNOWN	4.94	730	J
8.		UNKNOWN	5.08	550	J
9.	1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	5.13	430	NJ
10.	874-41-9	BENZENE, 1-ETHYL-2,4-DIMETHY	5.23	1300	NJ
11.		UNKNOWN	5.41	400	J
12.	527-84-4	BENZENE, 1-METHYL-2-(1-METHY	5.62	700	NJ
13.	527-84-4	BENZENE, 1-METHYL-2-(1-METHY	5.67	850	NJ
14.	2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	5.86	440	NJ
15.		UNKNOWN	6.04	610	J
16.	629-92-5	NONADECANE	13.12	280	NJ
17.	112-95-8	EICOSANE	13.43	260	NJ
18.	192-97-2	BENZO[E]PYRENE	15.28	1100	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 10/23

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) WATER Lab Sample ID: F1507-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E6743

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 10/23

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) WATER Lab Sample ID: F1507-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E6743

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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
84-66-2	Diethylphthalate	4	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
92-52-4	1,1'-Biphenyl	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB 10/23

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) WATER Lab Sample ID: F1507-07B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E6743

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB10/24

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) WATER Lab Sample ID: F1545-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E6744

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB10/24

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) WATER Lab Sample ID: F1545-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E6744

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
92-52-4	1,1'-Biphenyl	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB10/24

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) WATER Lab Sample ID: F1545-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E6744

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NW2 3.5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-13A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6779

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 13 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

Injection Volume: 1.0(uL) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	750	U
111-44-4	bis(2-Chloroethyl)Ether	750	U
95-57-8	2-Chlorophenol	750	U
95-48-7	2-Methylphenol	750	U
108-60-1	2,2'-oxybis(1-Chloropropane)	750	U
106-44-5	4-Methylphenol	750	U
621-64-7	N-Nitroso-di-n-propylamine	750	U
67-72-1	Hexachloroethane	750	U
98-95-3	Nitrobenzene	750	U
78-59-1	Isophorone	750	U
88-75-5	2-Nitrophenol	750	U
105-67-9	2,4-Dimethylphenol	750	U
120-83-2	2,4-Dichlorophenol	750	U
91-20-3	Naphthalene	260	J
106-47-8	4-Chloroaniline	750	U
111-91-1	bis(2-Chloroethoxy)methane	750	U
87-68-3	Hexachlorobutadiene	750	U
59-50-7	4-Chloro-3-Methylphenol	750	U
91-57-6	2-Methylnaphthalene	210	J
77-47-4	Hexachlorocyclopentadiene	750	U
88-06-2	2,4,6-Trichlorophenol	750	U
95-95-4	2,4,5-Trichlorophenol	1500	U
91-58-7	2-Chloronaphthalene	750	U
88-74-4	2-Nitroaniline	1500	U
131-11-3	Dimethylphthalate	750	U
208-96-8	Acenaphthylene	95	J
606-20-2	2,6-Dinitrotoluene	750	U
99-09-2	3-Nitroaniline	1500	U
83-32-9	Acenaphthene	370	J
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	1500	U
132-64-9	Dibenzofuran	330	J
121-14-2	2,4-Dinitrotoluene	750	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NW2 3.5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-13A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6779

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 13 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

Injection Volume: 1.0(uL) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	750	U
7005-72-3	4-Chlorophenyl-phenylether	750	U
86-73-7	Fluorene	460	J
100-01-6	4-Nitroaniline	1500	U
534-52-1	4,6-Dinitro-2-methylphenol	1500	U
86-30-6	N-Nitrosodiphenylamine (1)	750	U
101-55-3	4-Bromophenyl-phenylether	750	U
118-74-1	Hexachlorobenzene	750	U
87-86-5	Pentachlorophenol	1500	U
85-01-8	Phenanthrene	6000	
120-12-7	Anthracene	1400	
86-74-8	Carbazole	600	J
84-74-2	Di-n-butylphthalate	750	U
206-44-0	Fluoranthene	8200	
129-00-0	Pyrene	6500	
85-68-7	Butylbenzylphthalate	280	J
91-94-1	3,3'-Dichlorobenzidine	750	U
56-55-3	Benzo(a)anthracene	3800	
218-01-9	Chrysene	3600	
117-81-7	bis(2-Ethylhexyl)phthalate	310	J
117-84-0	Di-n-octylphthalate	750	U
205-99-2	Benzo(b)fluoranthene	3900	
207-08-9	Benzo(k)fluoranthene	1600	
50-32-8	Benzo(a)pyrene	3000	
193-39-5	Indeno(1,2,3-cd)pyrene	1800	
53-70-3	Dibenzo(a,h)anthracene	590	J
191-24-2	Benzo(g,h,i)perylene	1900	
92-52-4	1,1'-Biphenyl	750	U
98-86-2	Acetophenone	750	U
1912-24-9	Atrazine	750	U
100-52-7	Benzaldehyde	750	U
105-60-2	Caprolactam	750	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NW2 3.5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-13A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6779

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 13 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

Injection Volume: 1.0(uL) Dilution Factor: 2.0

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

Number TICs found: 10

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	11.15	880	J
2.	2531-84-2	PHENANTHRENE, 2-METHYL-	12.16	760	NJ
3.	2531-84-2	PHENANTHRENE, 2-METHYL-	12.19	1100	NJ
4.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	12.26	1200	NJ
5.	613-12-7	ANTHRACENE, 2-METHYL-	12.28	670	NJ
6.		UNKNOWN	13.05	400	J
7.	243-17-4	11H-BENZO[B]FLUORENE	13.30	410	NJ
8.		UNKNOWN	13.88	330	J
9.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	13.92	330	NJ
10.	198-55-0	PERYLENE	15.15	2000	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1545-05A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E6787

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 19 decanted: (Y/N) N Date Extracted: 10/28/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

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	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	91	J
106-47-8	4-Chloroaniline	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	46	J
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	810	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	810	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	68	J
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	810	U
83-32-9	Acenaphthene	100	J
51-28-5	2,4-Dinitrophenol	810	U
100-02-7	4-Nitrophenol	810	U
132-64-9	Dibenzofuran	67	J
121-14-2	2,4-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

NWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1545-05A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E6787

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 19 decanted: (Y/N) N Date Extracted: 10/28/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

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
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	110	J
100-01-6	4-Nitroaniline	810	U
534-52-1	4,6-Dinitro-2-methylphenol	810	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	810	U
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	320	J
86-74-8	Carbazole	170	J
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	1800	
129-00-0	Pyrene	1500	
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	920	
218-01-9	Chrysene	930	
117-81-7	bis(2-Ethylhexyl)phthalate	87	J
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	1300	
207-08-9	Benzo(k)fluoranthene	580	
50-32-8	Benzo(a)pyrene	980	
193-39-5	Indeno(1,2,3-cd)pyrene	800	
53-70-3	Dibenzo(a,h)anthracene	230	J
191-24-2	Benzo(g,h,i)perylene	900	
92-52-4	1,1'-Biphenyl	400	U
98-86-2	Acetophenone	400	U
1912-24-9	Atrazine	400	U
100-52-7	Benzaldehyde	400	U
105-60-2	Caprolactam	400	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1545-05A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E6787

Level: (low/med) LOW Date Received: 10/25/07

% Moisture: 19 decanted: (Y/N) N Date Extracted:10/28/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 13

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	4.14	690	NJ
2.		UNKNOWN	4.43	220	J
3.		UNKNOWN	4.72	350	J
4.	934-74-7	BENZENE, 1-ETHYL-3,5-DIMETHY	4.78	200	NJ
5.	1120-21-4	UNDECANE	5.23	230	NJ
6.		UNKNOWN	5.53	200	J
7.	2958-76-1	NAPHTHALENE, DECAHYDRO-2-MET	5.72	190	NJ
8.	112-40-3	DODECANE	6.44	170	NJ
9.		UNKNOWN	11.17	190	J
10.	949-41-7	1H-CYCLOPROPA[L]PHENANTHRENE	12.19	200	NJ
11.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	12.26	270	NJ
12.	6566-19-4	10,18-BISNORABIETA-5,7,9(10)	12.86	280	NJ
13.	198-55-0	PERYLENE	15.15	610	NJ
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-16A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E6766

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/27/07

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	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	210	J
106-47-8	4-Chloroaniline	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	180	J
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	780	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	780	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	63	J
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	780	U
83-32-9	Acenaphthene	220	J
51-28-5	2,4-Dinitrophenol	780	U
100-02-7	4-Nitrophenol	780	U
132-64-9	Dibenzofuran	80	J
121-14-2	2,4-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-16A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E6766

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 15 decanted: (Y/N) N Date Extracted: 10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/27/07

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
84-66-2	Diethylphthalate	84	J
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	160	J
100-01-6	4-Nitroaniline	780	U
534-52-1	4,6-Dinitro-2-methylphenol	780	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	780	U
85-01-8	Phenanthrene	1600	
120-12-7	Anthracene	340	J
86-74-8	Carbazole	170	J
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	3100	
129-00-0	Pyrene	2400	
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	2000	
218-01-9	Chrysene	2600	
117-81-7	bis(2-Ethylhexyl)phthalate	59	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	4100	
207-08-9	Benzo(k)fluoranthene	1300	
50-32-8	Benzo(a)pyrene	2400	
193-39-5	Indeno(1,2,3-cd)pyrene	2300	
53-70-3	Dibenzo(a,h)anthracene	720	
191-24-2	Benzo(g,h,i)perylene	2600	
92-52-4	1,1'-Biphenyl	380	U
98-86-2	Acetophenone	380	U
1912-24-9	Atrazine	380	U
100-52-7	Benzaldehyde	380	U
105-60-2	Caprolactam	380	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-08A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6758

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 17 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SEWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-16A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E6766

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/27/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 16

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	103-65-1	BENZENE, PROPYL-	3.84	450	NJ
2.	620-14-4	BENZENE, 1-ETHYL-3-METHYL-	3.91	630	NJ
3.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	4.25	2100	NJ
4.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	4.54	590	NJ
5.	1074-43-7	BENZENE, 1-METHYL-3-PROPYL-	4.84	450	NJ
6.	105-05-5	BENZENE, 1,4-DIETHYL-	4.91	580	NJ
7.	1758-88-9	BENZENE, 2-ETHYL-1,4-DIMETHY	5.23	560	NJ
8.	2870-04-4	BENZENE, 2-ETHYL-1,3-DIMETHY	5.67	360	NJ
9.		UNKNOWN	5.86	330	J
10.	638-36-8	HEXADECANE, 2,6,10,14-TETRAM	11.25	380	NJ
11.	2531-84-2	PHENANTHRENE, 2-METHYL-	12.27	410	NJ
12.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	12.35	460	NJ
13.		UNKNOWN	12.94	940	J
14.	3442-78-2	PYRENE, 2-METHYL-	13.48	180	NJ
15.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	13.83	180	NJ
16.	198-55-0	PERYLENE	15.29	2500	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-08A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6758

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 17 decanted: (Y/N) N Date Extracted: 10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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
84-66-2	Diethylphthalate	1000	
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	250	J
120-12-7	Anthracene	55	J
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	J
129-00-0	Pyrene	370	J
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	210	J
218-01-9	Chrysene	210	J
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	270	J
207-08-9	Benzo(k)fluoranthene	120	J
50-32-8	Benzo(a)pyrene	220	J
193-39-5	Indeno(1,2,3-cd)pyrene	140	J
53-70-3	Dibenzo(a,h)anthracene	46	J
191-24-2	Benzo(g,h,i)perylene	190	J
92-52-4	1,1'-Biphenyl	390	U
98-86-2	Acetophenone	390	U
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
105-60-2	Caprolactam	390	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SEWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-08A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6758

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 17 decanted: (Y/N) N Date Extracted: 10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	4.25	180	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-17A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6780

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 18 decanted: (Y/N) N Date Extracted: 10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

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	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	240	J
106-47-8	4-Chloroaniline	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	160	J
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	810	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	810	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	90	J
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	810	U
83-32-9	Acenaphthene	160	J
51-28-5	2,4-Dinitrophenol	810	U
100-02-7	4-Nitrophenol	810	U
132-64-9	Dibenzofuran	100	J
121-14-2	2,4-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-17A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6780

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 18 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

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
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	150	J
100-01-6	4-Nitroaniline	810	U
534-52-1	4,6-Dinitro-2-methylphenol	810	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	810	U
85-01-8	Phenanthrene	1600	
120-12-7	Anthracene	360	J
86-74-8	Carbazole	170	J
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	2700	
129-00-0	Pyrene	2100	
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	1300	
218-01-9	Chrysene	1700	
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	2100	
207-08-9	Benzo(k)fluoranthene	1100	
50-32-8	Benzo(a)pyrene	1500	
193-39-5	Indeno(1,2,3-cd)pyrene	1200	
53-70-3	Dibenzo(a,h)anthracene	410	
191-24-2	Benzo(g,h,i)perylene	1400	
92-52-4	1,1'-Biphenyl	400	U
98-86-2	Acetophenone	400	U
1912-24-9	Atrazine	400	U
100-52-7	Benzaldehyde	400	U
105-60-2	Caprolactam	400	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SWWALL3-5

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-17A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6780

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 18 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/29/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 16

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	103-65-1	BENZENE, PROPYL-	3.74	660	NJ
2.	620-14-4	BENZENE, 1-ETHYL-3-METHYL-	3.81	610	NJ
3.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	4.14	1700	NJ
4.	933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	4.79	490	NJ
5.	933-98-2	BENZENE, 1-ETHYL-2,3-DIMETHY	5.11	650	NJ
6.		UNKNOWN	5.72	460	J
7.	17301-23-4	UNDECANE, 2,6-DIMETHYL-	6.59	610	NJ
8.	26730-14-3	TRIDECANE, 7-METHYL-	7.34	550	NJ
9.		UNKNOWN	9.61	720	J
10.	3892-00-0	PENTADECANE, 2,6,10-TRIMETHY	10.88	760	NJ
11.	638-36-8	HEXADECANE, 2,6,10,14-TETRAM	11.17	1100	NJ
12.	638-36-8	HEXADECANE, 2,6,10,14-TETRAM	11.64	480	NJ
13.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	12.26	590	NJ
14.	243-17-4	11H-BENZO[B]FLUORENE	13.30	280	NJ
15.		UNKNOWN	13.36	240	J
16.	192-97-2	BENZO[E]PYRENE	15.16	760	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-09A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E6759

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 23 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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	420	U
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-di-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
120-83-2	2,4-Dichlorophenol	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
111-91-1	bis(2-Chloroethoxy)methane	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-Methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	860	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	860	U
131-11-3	Dimethylphthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	860	U
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	860	U
100-02-7	4-Nitrophenol	860	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-09A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E6759

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 23 decanted: (Y/N) N Date Extracted: 10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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
84-66-2	Diethylphthalate	120	J
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	860	U
534-52-1	4,6-Dinitro-2-methylphenol	860	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	860	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
86-74-8	Carbazole	420	U
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	70	J
129-00-0	Pyrene	94	J
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	78	J
218-01-9	Chrysene	85	J
117-81-7	bis(2-Ethylhexyl)phthalate	420	U
117-84-0	Di-n-octylphthalate	420	U
205-99-2	Benzo(b)fluoranthene	100	J
207-08-9	Benzo(k)fluoranthene	73	J
50-32-8	Benzo(a)pyrene	90	J
193-39-5	Indeno(1,2,3-cd)pyrene	56	J
53-70-3	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	71	J
92-52-4	1,1'-Biphenyl	420	U
98-86-2	Acetophenone	420	U
1912-24-9	Atrazine	420	U
100-52-7	Benzaldehyde	420	U
105-60-2	Caprolactam	420	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SWWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-09A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E6759

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 23 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WSWALL5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-10A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6760

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	390	
106-47-8	4-Chloroaniline	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	230	J
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	780	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	780	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	200	J
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	780	U
83-32-9	Acenaphthene	650	
51-28-5	2,4-Dinitrophenol	780	U
100-02-7	4-Nitrophenol	780	U
132-64-9	Dibenzofuran	470	
121-14-2	2,4-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

WSWALL5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-10A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6760

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

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
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	700	
100-01-6	4-Nitroaniline	780	U
534-52-1	4,6-Dinitro-2-methylphenol	780	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	780	U
85-01-8	Phenanthrene	4800	
120-12-7	Anthracene	1400	
86-74-8	Carbazole	540	
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	4800	
129-00-0	Pyrene	4100	
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	2100	
218-01-9	Chrysene	2000	
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	1900	
207-08-9	Benzo(k)fluoranthene	1100	
50-32-8	Benzo(a)pyrene	1800	
193-39-5	Indeno(1,2,3-cd)pyrene	980	
53-70-3	Dibenzo(a,h)anthracene	310	J
191-24-2	Benzo(g,h,i)perylene	1100	
92-52-4	1,1'-Biphenyl	72	J
98-86-2	Acetophenone	380	U
1912-24-9	Atrazine	380	U
100-52-7	Benzaldehyde	380	U
105-60-2	Caprolactam	380	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

WSWALL5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-10A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6760

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 14

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	295-17-0	CYCLOTETRADECANE	12.03	420	NJ
2.	2531-84-2	PHENANTHRENE, 2-METHYL-	12.25	600	NJ
3.	610-48-0	ANTHRACENE, 1-METHYL-	12.28	810	NJ
4.		UNKNOWN	12.35	1000	J
5.	2531-84-2	PHENANTHRENE, 2-METHYL-	12.37	470	NJ
6.	35465-71-5	2-PHENYLNAPHTHALENE	12.53	400	NJ
7.	84-65-1	9,10-ANTHRACENEDIONE	12.54	420	NJ
8.	33543-31-6	FLUORANTHENE, 2-METHYL-	13.29	200	NJ
9.	243-17-4	11H-BENZO[B]FLUORENE	13.38	250	NJ
10.	243-17-4	11H-BENZO[B]FLUORENE	13.44	180	NJ
11.		UNKNOWN	13.47	190	J
12.		UNKNOWN	13.97	210	J
13.	192-97-2	BENZO[E]PYRENE	15.11	540	NJ
14.	198-55-0	PERYLENE	15.27	1200	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XWALLX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-15A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6765

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/27/07

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	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	150	J
106-47-8	4-Chloroaniline	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	42	J
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	780	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	780	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	66	J
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	780	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	780	U
100-02-7	4-Nitrophenol	780	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XWALLX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-15A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6765

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/27/07

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
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	39	J
100-01-6	4-Nitroaniline	780	U
534-52-1	4,6-Dinitro-2-methylphenol	780	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	780	U
85-01-8	Phenanthrene	650	
120-12-7	Anthracene	110	J
86-74-8	Carbazole	52	J
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	1500	
129-00-0	Pyrene	1100	
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	1100	
218-01-9	Chrysene	1800	
117-81-7	bis(2-Ethylhexyl)phthalate	50	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	3500	
207-08-9	Benzo(k)fluoranthene	1200	
50-32-8	Benzo(a)pyrene	1200	
193-39-5	Indeno(1,2,3-cd)pyrene	1800	
53-70-3	Dibenzo(a,h)anthracene	650	
191-24-2	Benzo(g,h,i)perylene	2000	
92-52-4	1,1'-Biphenyl	380	U
98-86-2	Acetophenone	380	U
1912-24-9	Atrazine	380	U
100-52-7	Benzaldehyde	380	U
105-60-2	Caprolactam	380	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

XWALLX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1543

Matrix: (soil/water) SOIL Lab Sample ID: F1507-15A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E6765

Level: (low/med) LOW Date Received: 10/24/07

% Moisture: 15 decanted: (Y/N) N Date Extracted:10/25/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 10/27/07

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.	620-14-4	BENZENE, 1-ETHYL-3-METHYL-	3.91	520	NJ
2.	526-73-8	BENZENE, 1,2,3-TRIMETHYL-	4.25	2600	NJ
3.	99-87-6	BENZENE, 1-METHYL-4-(1-METHY	4.57	590	NJ
4.		UNKNOWN	4.63	490	J
5.		UNKNOWN	4.84	1100	J
6.	135-01-3	BENZENE, 1,2-DIETHYL-	4.91	820	NJ
7.		UNKNOWN	4.94	550	J
8.	934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	5.13	520	NJ
9.	2870-04-4	BENZENE, 2-ETHYL-1,3-DIMETHY	5.17	480	NJ
10.	934-80-5	BENZENE, 4-ETHYL-1,2-DIMETHY	5.24	1600	NJ
11.	95-93-2	BENZENE, 1,2,4,5-TETRAMETHYL	5.62	680	NJ
12.	527-53-7	BENZENE, 1,2,3,5-TETRAMETHYL	5.66	810	NJ
13.		UNKNOWN	6.04	520	J
14.	1921-70-6	PENTADECANE, 2,6,10,14-TETRA	11.25	380	NJ
15.	192-97-2	BENZO[E]PYRENE	15.28	2500	NJ
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FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B1 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-12A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E1G1085F

% Moisture: 24 decanted: (Y/N) N Date Received: 10/24/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	43	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B2 (13FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-11A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E1G1079F

% Moisture: 11 decanted: (Y/N) N Date Received: 10/24/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	37	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B3 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1543-01A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E1G1055F

% Moisture: 43 decanted: (Y/N) N Date Received: 10/25/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/25/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	57	U
11104-28-2	Aroclor-1221	57	U
11141-16-5	Aroclor-1232	57	U
53469-21-9	Aroclor-1242	57	U
12672-29-6	Aroclor-1248	57	U
11097-69-1	Aroclor-1254	57	U
11096-82-5	Aroclor-1260	57	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B4 (11FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1543-02A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E1G1056F

% Moisture: 15 decanted: (Y/N) N Date Received: 10/25/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/25/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	39	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B5 (9FT)

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-04A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E1G1103F

% Moisture: 6 decanted: (Y/N) N Date Received: 10/25/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/26/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	35	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	35	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EASTWALL2

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-02A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E1G1099F

% Moisture: 19 decanted: (Y/N) N Date Received: 10/25/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/26/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	41	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EASTWALL3

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-03A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E1G1102F

% Moisture: 8 decanted: (Y/N) N Date Received: 10/25/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/26/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	36	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EWALL 1

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-14A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E1G1087F

% Moisture: 17 decanted: (Y/N) N Date Received: 10/24/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	40	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FB10/23

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1507-07B

Sample wt/vol: 1000 (g/ml) ML Lab File ID: E1G1078F

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FB10/24

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) WATER Lab Sample ID: F1545-01B

Sample wt/vol: 1000 (g/ml) ML Lab File ID: E1G1073F

% Moisture: _____ decanted: (Y/N)___ Date Received: 10/25/07

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

NW2 3.5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-13A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E1G1086F

% Moisture: 13 decanted: (Y/N) N Date Received: 10/24/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	130	P
11096-82-5	Aroclor-1260	38	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

NWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1545-05A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E1G1104F

% Moisture: 19 decanted: (Y/N) N Date Received: 10/25/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/26/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	40	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SEWALL3-5

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-16A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E1G1089F

% Moisture: 15 decanted: (Y/N) N Date Received: 10/24/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SEWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-08A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E1G1075F

% Moisture: 17 decanted: (Y/N) N Date Received: 10/24/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	40	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SWWALL8FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-09A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E1G1076F

% Moisture: 23 decanted: (Y/N) N Date Received: 10/24/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	43	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

WSWALL5FT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-10A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E1G1077F

% Moisture: 15 decanted: (Y/N) N Date Received: 10/24/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

XWALLX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix: (soil/water) SOIL Lab Sample ID: F1507-15A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E1G1088F

% Moisture: 15 decanted: (Y/N) N Date Received: 10/24/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:10/25/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 10/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B1 (13FT)

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1507-12

Level (low/med): MED Date Received: 10/24/2007

% Solids: 76.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.4		N	P
7440-39-3	Barium	38.1		N*	P
7440-43-9	Cadmium	0.38			P
7440-47-3	Chromium	9.7		*	P
7439-92-1	Lead	22.6		*E	P
7439-97-6	Mercury	0.22			CV
7782-49-2	Selenium	0.10	U	N	P
7440-22-4	Silver	2.4		E	P

Comments:

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B2 (13FT)

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1507-11

Level (low/med): MED Date Received: 10/24/2007

% Solids: 89.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.6		N	P
7440-39-3	Barium	25.1		N*	P
7440-43-9	Cadmium	0.43			P
7440-47-3	Chromium	8.2		*	P
7439-92-1	Lead	92.0		*E	P
7439-97-6	Mercury	0.061			CV
7782-49-2	Selenium	0.092	U	N	P
7440-22-4	Silver	2.4		E	P

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3 (11FT)

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1543-01

Level (low/med): MED Date Received: 10/25/2007

% Solids: 57.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	29.3		N	P
7440-39-3	Barium	104		N*	P
7440-43-9	Cadmium	2.2			P
7440-47-3	Chromium	18.5		*	P
7439-92-1	Lead	245		*E	P
7439-97-6	Mercury	0.44			CV
7782-49-2	Selenium	0.14	U	N	P
7440-22-4	Silver	5.5		E	P

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4 (11FT)

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1543-02

Level (low/med): MED Date Received: 10/25/2007

% Solids: 85.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	9.2		N	P
7440-39-3	Barium	72.2		N*	P
7440-43-9	Cadmium	2.8			P
7440-47-3	Chromium	9.2		*	P
7439-92-1	Lead	595		*E	P
7439-97-6	Mercury	0.26			CV
7782-49-2	Selenium	0.10	U	N	P
7440-22-4	Silver	2.2		E	P

Comments:

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B5 (9FT)

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1545-04

Level (low/med): MED Date Received: 10/25/2007

% Solids: 94.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.2		E	P
7440-39-3	Barium	59.9		N*	P
7440-43-9	Cadmium	0.31			P
7440-47-3	Chromium	11.1		E	P
7439-92-1	Lead	98.9		E	P
7439-97-6	Mercury	0.20		N	CV
7782-49-2	Selenium	0.092	U	N	P
7440-22-4	Silver	3.0			P

Comments:

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

EASTWALL2

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1545-02

Level (low/med): MED Date Received: 10/25/2007

% Solids: 81.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.9		E	P
7440-39-3	Barium	96.5		N*	P
7440-43-9	Cadmium	0.64			P
7440-47-3	Chromium	12.0		E	P
7439-92-1	Lead	128		E	P
7439-97-6	Mercury	0.27		N	CV
7782-49-2	Selenium	0.12	U	N	P
7440-22-4	Silver	3.1			P

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

EASTWALL3

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1545-03

Level (low/med): MED Date Received: 10/25/2007

% Solids: 92.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.4		E	P
7440-39-3	Barium	325		N*	P
7440-43-9	Cadmium	0.38			P
7440-47-3	Chromium	15.3		E	P
7439-92-1	Lead	294		E	P
7439-97-6	Mercury	0.81		N	CV
7782-49-2	Selenium	0.098	U	N	P
7440-22-4	Silver	3.4			P

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

EWALL 1

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1507-14

Level (low/med): MED Date Received: 10/24/2007

% 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	5.7		N	P
7440-39-3	Barium	132		N*	P
7440-43-9	Cadmium	0.27			P
7440-47-3	Chromium	9.9		*	P
7439-92-1	Lead	143		*E	P
7439-97-6	Mercury	49.7			CV
7782-49-2	Selenium	0.094	U	N	P
7440-22-4	Silver	3.8		E	P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 10/23

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): WATER Lab Sample ID: F1507-07

Level (low/med): MED Date Received: 10/24/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	11.0	U		P
7440-43-9	Cadmium	0.11	U		P
7440-47-3	Chromium	0.49	B		P
7439-92-1	Lead	7.9	B		P
7439-97-6	Mercury	0.11	U		CV
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	1.2	U		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FB10/24

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): WATER Lab Sample ID: F1545-01

Level (low/med): MED Date Received: 10/25/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	11.0	U		P
7440-43-9	Cadmium	0.11	U		P
7440-47-3	Chromium	0.22	U		P
7439-92-1	Lead	1.4	B		P
7439-97-6	Mercury	0.11	U		CV
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	1.2	U		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

NW2 3.5FT

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1507-13

Level (low/med): MED Date Received: 10/24/2007

% 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	9.6		N	P
7440-39-3	Barium	175		N*	P
7440-43-9	Cadmium	0.57			P
7440-47-3	Chromium	28.2		*	P
7439-92-1	Lead	622		*E	P
7439-97-6	Mercury	0.40			CV
7782-49-2	Selenium	0.092	U	N	P
7440-22-4	Silver	3.5		E	P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

NWALL3-5

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1545-05

Level (low/med): MED Date Received: 10/25/2007

% Solids: 81.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	7.0		E	P
7440-39-3	Barium	304		N*	P
7440-43-9	Cadmium	1.8			P
7440-47-3	Chromium	79.0		E	P
7439-92-1	Lead	660		E	P
7439-97-6	Mercury	0.64		N	CV
7782-49-2	Selenium	0.093	U	N	P
7440-22-4	Silver	4.6			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SEWALL3-5

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1507-16

Level (low/med): MED Date Received: 10/24/2007

% Solids: 85.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.1		N	P
7440-39-3	Barium	193		N*	P
7440-43-9	Cadmium	1.8			P
7440-47-3	Chromium	120		*	P
7439-92-1	Lead	410		*E	P
7439-97-6	Mercury	17.4			CV
7782-49-2	Selenium	0.095	U	N	P
7440-22-4	Silver	6.8		E	P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SEWALL8FT

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1507-08

Level (low/med): MED Date Received: 10/24/2007

% 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	3.8		N	P
7440-39-3	Barium	77.4		N*	P
7440-43-9	Cadmium	0.22			P
7440-47-3	Chromium	10.4		*	P
7439-92-1	Lead	86.1		*E	P
7439-97-6	Mercury	0.18			CV
7782-49-2	Selenium	0.091	U	N	P
7440-22-4	Silver	2.4		E	P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SWWALL8FT

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1507-09

Level (low/med): MED Date Received: 10/24/2007

% Solids: 77.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.4		N	P
7440-39-3	Barium	40.5		N*	P
7440-43-9	Cadmium	0.30			P
7440-47-3	Chromium	8.4		*	P
7439-92-1	Lead	37.2		*E	P
7439-97-6	Mercury	0.062			CV
7782-49-2	Selenium	0.11	U	N	P
7440-22-4	Silver	2.5		E	P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

WSWALL5FT

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1507-10

Level (low/med): MED Date Received: 10/24/2007

% Solids: 85.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	19.6		N	P
7440-39-3	Barium	296		N*	P
7440-43-9	Cadmium	0.48			P
7440-47-3	Chromium	183		*	P
7439-92-1	Lead	817		*E	P
7439-97-6	Mercury	0.29			CV
7782-49-2	Selenium	0.10	U	N	P
7440-22-4	Silver	4.8		E	P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

XWALLX

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1507

Matrix (soil/water): SOIL Lab Sample ID: F1507-15

Level (low/med): MED Date Received: 10/24/2007

% Solids: 85.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.1		N	P
7440-39-3	Barium	98.3		N*	P
7440-43-9	Cadmium	0.24			P
7440-47-3	Chromium	9.7		*	P
7439-92-1	Lead	127		*E	P
7439-97-6	Mercury	60.5			CV
7782-49-2	Selenium	0.096	U	N	P
7440-22-4	Silver	3.8		E	P

Comments:

Endpoint Samples Results for Samples Collected on October 29, 2007

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3 (13FT)

Lab Name: Mitkem Corporation Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1580

Matrix (soil/water): SOIL Lab Sample ID: F1580-01

Level (low/med): MED Date Received: 10/30/2007

% Solids: 88.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	1.5			P

Comments:

Endpoint Samples Results for
Samples Collected on November 16 and 19, 2007

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB11/16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J2054

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. _____ Date Analyzed: 11/26/07

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.

FB11/16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J2054

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. _____ Date Analyzed: 11/26/07

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB11/16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J2054

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. _____ Date Analyzed: 11/26/07

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.					
3.					
4.					
5.					
6.					
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11.					
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28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB11/19

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J2053

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. _____ Date Analyzed: 11/26/07

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.

FB11/19

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J2053

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. _____ Date Analyzed: 11/26/07

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB11/19

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J2053

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. _____ Date Analyzed: 11/26/07

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

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.68	12	J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FUME A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-05B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5I2586

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 4 Date Analyzed: 11/27/07

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.

FUME A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-05B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5I2586

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 4 Date Analyzed: 11/27/07

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-triflu	5	U
79-20-9	Methyl Acetate	5	U
110-81-7	Cyclohexane	5	U
108-87-2	Methylcyclohexane	5	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FUME A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-05B

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5I2586

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 4 Date Analyzed: 11/27/07

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.

FUME B

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-06B

Sample wt/vol: 4.8 (g/mL) G Lab File ID: V5I2587

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 10 Date Analyzed: 11/27/07

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	6	U
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	6	U
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	U
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	6	U
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	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FUME B

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-06B

Sample wt/vol: 4.8 (g/mL) G Lab File ID: V5I2587

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 10 Date Analyzed: 11/27/07

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)	6	U
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	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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-Trichloro-1,2,2-triflu	6	U
79-20-9	Methyl Acetate	6	U
110-81-7	Cyclohexane	6	U
108-87-2	Methylcyclohexane	6	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FUME B

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-06B

Sample wt/vol: 4.8 (g/mL) G Lab File ID: V5I2587

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 10 Date Analyzed: 11/27/07

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

Soil Extract Volume: _____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	1667-01-2	ETHANONE, 1-(2,4,6-TRIMETHYL	17.60	17	NJ
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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20.					
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26.					
27.					
28.					
29.					
30.					

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

FUME BOT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-08B

Sample wt/vol: 4.6 (g/mL) G Lab File ID: V5I2589

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 11 Date Analyzed: 11/27/07

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	6	U
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	6	U
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	U
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	6	U
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	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FUME BOT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-08B

Sample wt/vol: 4.6 (g/mL) G Lab File ID: V5I2589

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 11 Date Analyzed: 11/27/07

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)	6	U
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	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
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-Trichloro-1,2,2-triflu	6	U
79-20-9	Methyl Acetate	6	U
110-81-7	Cyclohexane	6	U
108-87-2	Methylcyclohexane	6	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FUME BOT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-08B

Sample wt/vol: 4.6 (g/mL) G Lab File ID: V5I2589

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 11 Date Analyzed: 11/27/07

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.					
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11.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FUME C

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-04B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V5I2585

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 1 Date Analyzed: 11/27/07

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.

FUME C

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-04B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V5I2585

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 1 Date Analyzed: 11/27/07

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-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.

FUME C

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-04B

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V5I2585

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 1 Date Analyzed: 11/27/07

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.					
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10.					
11.					
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29.					
30.					

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

PIPES

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1708-01A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V5I2577

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 17 Date Analyzed: 11/26/07

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	6	U
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	6	U
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	U
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	6	U
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	6	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIPES

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1708-01A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V5I2577

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 17 Date Analyzed: 11/26/07

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)	6	U
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	8	
95-63-6	1,2,4-Trimethylbenzene	4	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-Trichloro-1,2,2-triflu	6	U
79-20-9	Methyl Acetate	6	U
110-81-7	Cyclohexane	6	U
108-87-2	Methylcyclohexane	6	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

PIPES

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1708-01A

Sample wt/vol: 5.2 (g/mL) G Lab File ID: V5I2577

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 17 Date Analyzed: 11/26/07

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

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	11.14	290	J
2.	2847-72-5	DECANE, 4-METHYL-	11.25	290	NJ
3.		UNKNOWN	11.36	300	J
4.		UNKNOWN	11.75	320	J
5.	493-02-7	NAPHTHALENE, DECAHYDRO-, TRA	12.17	310	NJ
6.		UNKNOWN	12.34	420	J
7.		UNKNOWN	12.41	280	J
8.		UNKNOWN	12.54	290	J
9.		UNKNOWN	12.60	380	J
10.	1000152-47-3	TRANS-DECALIN, 2-METHYL-	12.95	380	NJ
11.		UNKNOWN	13.11	300	J
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB 11/19

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J2047

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. _____ Date Analyzed: 11/26/07

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.

TB 11/19

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J2047

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. _____ Date Analyzed: 11/26/07

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

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

TB 11/19

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1J2047

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. _____ Date Analyzed: 11/26/07

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.					
3.					
4.					
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6.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XBOTX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-07B

Sample wt/vol: 4.7 (g/mL) G Lab File ID: V5I2588

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 21 Date Analyzed: 11/27/07

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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XBOTX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-07B

Sample wt/vol: 4.7 (g/mL) G Lab File ID: V5I2588

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 21 Date Analyzed: 11/27/07

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

XBOTX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-07B

Sample wt/vol: 4.7 (g/mL) G Lab File ID: V5I2588

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: not dec. 21 Date Analyzed: 11/27/07

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

Soil Extract Volume:_____(mL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	17.60	10	J
2.					
3.					
4.					
5.					
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB11/16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E7406

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:11/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/26/07

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
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB11/16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E7406

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:11/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/26/07

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
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
92-52-4	1,1'-Biphenyl	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB11/16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-03B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E7406

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:11/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/26/07

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/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB11/19

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E7405

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:11/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/26/07

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
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	bis(2-Chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB11/19

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E7405

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:11/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/26/07

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
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
92-52-4	1,1'-Biphenyl	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FB11/19

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3E7405

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: _____ decanted: (Y/N)___ Date Extracted:11/21/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/26/07

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/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FUME A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E7361

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 4 decanted: (Y/N) N Date Extracted: 11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

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	340	U
111-44-4	bis(2-Chloroethyl)Ether	340	U
95-57-8	2-Chlorophenol	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	2,2'-oxybis(1-Chloropropane)	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
120-83-2	2,4-Dichlorophenol	340	U
91-20-3	Naphthalene	40	J
106-47-8	4-Chloroaniline	340	U
111-91-1	bis(2-Chloroethoxy)methane	340	U
87-68-3	Hexachlorobutadiene	340	U
59-50-7	4-Chloro-3-Methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	700	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	700	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
606-20-2	2,6-Dinitrotoluene	340	U
99-09-2	3-Nitroaniline	700	U
83-32-9	Acenaphthene	340	U
51-28-5	2,4-Dinitrophenol	700	U
100-02-7	4-Nitrophenol	700	U
132-64-9	Dibenzofuran	340	U
121-14-2	2,4-Dinitrotoluene	340	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FUME A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E7361

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 4 decanted: (Y/N) N Date Extracted: 11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

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
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	340	U
100-01-6	4-Nitroaniline	700	U
534-52-1	4,6-Dinitro-2-methylphenol	700	U
86-30-6	N-Nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenyl-phenylether	340	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	700	U
85-01-8	Phenanthrene	370	
120-12-7	Anthracene	97	J
86-74-8	Carbazole	37	J
84-74-2	Di-n-butylphthalate	340	U
206-44-0	Fluoranthene	940	
129-00-0	Pyrene	740	
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	340	U
56-55-3	Benzo(a)anthracene	610	
218-01-9	Chrysene	580	
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo(b)fluoranthene	850	
207-08-9	Benzo(k)fluoranthene	380	
50-32-8	Benzo(a)pyrene	670	
193-39-5	Indeno(1,2,3-cd)pyrene	490	
53-70-3	Dibenzo(a,h)anthracene	190	J
191-24-2	Benzo(g,h,i)perylene	560	
92-52-4	1,1'-Biphenyl	340	U
98-86-2	Acetophenone	340	U
1912-24-9	Atrazine	340	U
100-52-7	Benzaldehyde	280	J
105-60-2	Caprolactam	340	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FUME A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E7361

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 4 decanted: (Y/N) N Date Extracted:11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 6

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	98-54-4	PHENOL, P-TERT-BUTYL-	5.98	434	NJ
2.		UNKNOWN	6.89	155	J
3.	57-10-3	N-HEXADECANOIC ACID	11.37	440	NJ
4.		UNKNOWN	12.56	258	J
5.		UNKNOWN	12.94	167	J
6.	192-97-2	BENZO[E]PYRENE	14.09	454	NJ
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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FUME B

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-06A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E7362

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 10 decanted: (Y/N) N Date Extracted: 11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

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	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
91-20-3	Naphthalene	37	J
106-47-8	4-Chloroaniline	360	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
87-68-3	Hexachlorobutadiene	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	730	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	730	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	730	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	730	U
100-02-7	4-Nitrophenol	730	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FUME B

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-06A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E7362

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 10 decanted: (Y/N) N Date Extracted: 11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

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
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	730	U
534-52-1	4,6-Dinitro-2-methylphenol	730	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	730	U
85-01-8	Phenanthrene	540	
120-12-7	Anthracene	110	J
86-74-8	Carbazole	53	J
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	1100	
129-00-0	Pyrene	830	
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	500	
218-01-9	Chrysene	540	
117-81-7	bis(2-Ethylhexyl)phthalate	40	J
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	580	
207-08-9	Benzo(k)fluoranthene	340	J
50-32-8	Benzo(a)pyrene	480	
193-39-5	Indeno(1,2,3-cd)pyrene	310	J
53-70-3	Dibenzo(a,h)anthracene	64	J
191-24-2	Benzo(g,h,i)perylene	360	J
92-52-4	1,1'-Biphenyl	360	U
98-86-2	Acetophenone	360	U
1912-24-9	Atrazine	360	U
100-52-7	Benzaldehyde	170	J
105-60-2	Caprolactam	360	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FUME B

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-06A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E7362

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 10 decanted: (Y/N) N Date Extracted:11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 3

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	11.48	197	J
2.		UNKNOWN	12.56	164	J
3.	205-82-3	BENZO[J]FLUORANTHENE	14.08	297	NJ
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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FUME BOT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-08A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E7364

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 11 decanted: (Y/N) N Date Extracted:11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

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	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
91-20-3	Naphthalene	54	J
106-47-8	4-Chloroaniline	360	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
87-68-3	Hexachlorobutadiene	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	740	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	740	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	74	J
606-20-2	2,6-Dinitrotoluene	360	U
99-09-2	3-Nitroaniline	740	U
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	740	U
100-02-7	4-Nitrophenol	740	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FUME BOT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-08A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E7364

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 11 decanted: (Y/N) N Date Extracted:11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

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
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	740	U
534-52-1	4,6-Dinitro-2-methylphenol	740	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	740	U
85-01-8	Phenanthrene	440	
120-12-7	Anthracene	160	J
86-74-8	Carbazole	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	1600	
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	1600	
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate	58	J
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	2300	
207-08-9	Benzo(k)fluoranthene	2000	
50-32-8	Benzo(a)pyrene	2300	
193-39-5	Indeno(1,2,3-cd)pyrene	1700	
53-70-3	Dibenzo(a,h)anthracene	670	
191-24-2	Benzo(g,h,i)perylene	1900	
92-52-4	1,1'-Biphenyl	360	U
98-86-2	Acetophenone	40	J
1912-24-9	Atrazine	360	U
100-52-7	Benzaldehyde	330	J
105-60-2	Caprolactam	360	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FUME BOT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-08A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E7364

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 11 decanted: (Y/N) N Date Extracted:11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 20

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	98-54-4	PHENOL, P-TERT-BUTYL-	5.99	3450	NJ
2.	26137-53-1	NAPHTHALENE, 1,2,3-TRIMETHYL	10.02	1340	NJ
3.		UNKNOWN	10.21	1270	J
4.		UNKNOWN	10.31	2060	J
5.		UNKNOWN	10.39	2160	J
6.		UNKNOWN	10.47	2620	J
7.		UNKNOWN	10.52	1120	J
8.		UNKNOWN	10.57	3040	J
9.		UNKNOWN	10.60	2670	J
10.		UNKNOWN	10.76	4040	J
11.		UNKNOWN	10.81	3200	J
12.		UNKNOWN	10.85	2530	J
13.		UNKNOWN	10.87	2680	J
14.	17384-72-4	CYCLOPENT[A]INDENE, 3,8-DIHY	10.93	4910	NJ
15.		UNKNOWN	11.08	1170	J
16.		UNKNOWN	11.13	2240	J
17.	57-10-3	N-HEXADECANOIC ACID	11.39	4610	NJ
18.		UNKNOWN	11.52	1370	J
19.		UNKNOWN	12.24	741	J
20.	192-97-2	BENZO[E]PYRENE	14.10	1010	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FUME C

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-04A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E7358

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 1 decanted: (Y/N) N Date Extracted:11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

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	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	670	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	670	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	670	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	670	U
100-02-7	4-Nitrophenol	670	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FUME C

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-04A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E7358

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 1 decanted: (Y/N) N Date Extracted: 11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

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
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	670	U
534-52-1	4,6-Dinitro-2-methylphenol	670	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	670	U
85-01-8	Phenanthrene	240	J
120-12-7	Anthracene	55	J
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	400	
129-00-0	Pyrene	290	J
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	210	J
218-01-9	Chrysene	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	64	J
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	240	J
207-08-9	Benzo(k)fluoranthene	140	J
50-32-8	Benzo(a)pyrene	210	J
193-39-5	Indeno(1,2,3-cd)pyrene	160	J
53-70-3	Dibenzo(a,h)anthracene	49	J
191-24-2	Benzo(g,h,i)perylene	200	J
92-52-4	1,1'-Biphenyl	330	U
98-86-2	Acetophenone	330	U
1912-24-9	Atrazine	330	U
100-52-7	Benzaldehyde	330	U
105-60-2	Caprolactam	330	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FUME C

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-04A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E7358

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 1 decanted: (Y/N) N Date Extracted:11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 20

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	95-13-6	INDENE	3.48	268	NJ
2.	98-54-4	PHENOL, P-TERT-BUTYL-	5.97	915	NJ
3.	1541-10-2	2,4,6-TRIMETHYLBENZENETHIOL	6.19	164	NJ
4.		UNKNOWN	10.02	240	J
5.		UNKNOWN	10.17	281	J
6.		UNKNOWN	10.60	454	J
7.		UNKNOWN	10.76	200	J
8.		UNKNOWN	10.86	348	J
9.	1742-14-9	BENZENE, 1,1'-ETHYLIDENEBIS[	10.93	497	NJ
10.		UNKNOWN	11.12	273	J
11.		UNKNOWN	11.20	282	J
12.		UNKNOWN	11.35	850	J
13.		UNKNOWN	11.51	221	J
14.		UNKNOWN	11.63	185	J
15.		UNKNOWN	11.66	221	J
16.		UNKNOWN	11.72	242	J
17.		UNKNOWN	11.99	142	J
18.		UNKNOWN	12.16	234	J
19.		UNKNOWN	14.38	682	J
20.		UNKNOWN	14.58	922	J
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIPES

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-02A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E7357

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 17 decanted: (Y/N) N Date Extracted:11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

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	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	110	J
106-47-8	4-Chloroaniline	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	44	J
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIPES

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-02A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E7357

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 17 decanted: (Y/N) N Date Extracted: 11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

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
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	800	U
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
86-74-8	Carbazole	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	88	J
129-00-0	Pyrene	110	J
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	73	J
218-01-9	Chrysene	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	4400	
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	220	J
207-08-9	Benzo(k)fluoranthene	220	J
50-32-8	Benzo(a)pyrene	170	J
193-39-5	Indeno(1,2,3-cd)pyrene	200	J
53-70-3	Dibenzo(a,h)anthracene	48	J
191-24-2	Benzo(g,h,i)perylene	270	J
92-52-4	1,1'-Biphenyl	400	U
98-86-2	Acetophenone	400	U
1912-24-9	Atrazine	400	U
100-52-7	Benzaldehyde	400	U
105-60-2	Caprolactam	400	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

PIPES

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-02A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E7357

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 17 decanted: (Y/N) N Date Extracted:11/20/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 11/21/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 20

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	2.82	3600	J
2.		UNKNOWN	3.00	3970	J
3.	124-18-5	DECANE	3.10	8340	NJ
4.		UNKNOWN	3.19	5570	J
5.	17302-28-2	NONANE, 2,6-DIMETHYL-	3.27	5770	NJ
6.		UNKNOWN	3.38	7840	J
7.		UNKNOWN	3.49	3930	J
8.		UNKNOWN	3.55	4490	J
9.	2847-72-5	DECANE, 4-METHYL-	3.59	4430	NJ
10.		UNKNOWN	3.62	10500	J
11.	13151-34-3	DECANE, 3-METHYL-	3.68	8470	NJ
12.	1120-21-4	UNDECANE	3.95	19800	NJ
13.		UNKNOWN	4.09	2880	J
14.		UNKNOWN	4.27	3030	J
15.		UNKNOWN	4.47	3330	J
16.		UNKNOWN	4.57	2320	J
17.	112-40-3	DODECANE	4.95	5050	NJ
18.		UNKNOWN	6.56	2650	J
19.	57-10-3	N-HEXADECANOIC ACID	11.41	3840	NJ
20.	57-11-4	OCTADECANOIC ACID	12.10	5560	NJ
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XBOTX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-07A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E7363

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 21 decanted: (Y/N) N Date Extracted:11/20/07

Concentrated Extract Volume: 2000(uL) Date Analyzed: 11/21/07

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	830	U
111-44-4	bis(2-Chloroethyl)Ether	830	U
95-57-8	2-Chlorophenol	830	U
95-48-7	2-Methylphenol	170	J
108-60-1	2,2'-oxybis(1-Chloropropane)	830	U
106-44-5	4-Methylphenol	830	U
621-64-7	N-Nitroso-di-n-propylamine	830	U
67-72-1	Hexachloroethane	830	U
98-95-3	Nitrobenzene	830	U
78-59-1	Isophorone	830	U
88-75-5	2-Nitrophenol	830	U
105-67-9	2,4-Dimethylphenol	830	U
120-83-2	2,4-Dichlorophenol	830	U
91-20-3	Naphthalene	160	J
106-47-8	4-Chloroaniline	830	U
111-91-1	bis(2-Chloroethoxy)methane	830	U
87-68-3	Hexachlorobutadiene	830	U
59-50-7	4-Chloro-3-Methylphenol	830	U
91-57-6	2-Methylnaphthalene	830	U
77-47-4	Hexachlorocyclopentadiene	830	U
88-06-2	2,4,6-Trichlorophenol	830	U
95-95-4	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	830	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	830	U
208-96-8	Acenaphthylene	2200	
606-20-2	2,6-Dinitrotoluene	830	U
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	830	U
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	830	U
121-14-2	2,4-Dinitrotoluene	830	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XBOTX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-07A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E7363

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 21 decanted: (Y/N) N Date Extracted: 11/20/07

Concentrated Extract Volume: 2000(uL) Date Analyzed: 11/21/07

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
84-66-2	Diethylphthalate	830	U
7005-72-3	4-Chlorophenyl-phenylether	830	U
86-73-7	Fluorene	830	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-Nitrosodiphenylamine (1)	830	U
101-55-3	4-Bromophenyl-phenylether	830	U
118-74-1	Hexachlorobenzene	830	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	2000	
120-12-7	Anthracene	2600	
86-74-8	Carbazole	830	U
84-74-2	Di-n-butylphthalate	830	U
206-44-0	Fluoranthene	9700	
129-00-0	Pyrene	6400	
85-68-7	Butylbenzylphthalate	830	U
91-94-1	3,3'-Dichlorobenzidine	830	U
56-55-3	Benzo(a)anthracene	12000	
218-01-9	Chrysene	12000	
117-81-7	bis(2-Ethylhexyl)phthalate	230	J
117-84-0	Di-n-octylphthalate	830	U
205-99-2	Benzo(b)fluoranthene	13000	
207-08-9	Benzo(k)fluoranthene	12000	
50-32-8	Benzo(a)pyrene	13000	
193-39-5	Indeno(1,2,3-cd)pyrene	9500	
53-70-3	Dibenzo(a,h)anthracene	3800	
191-24-2	Benzo(g,h,i)perylene	10000	
92-52-4	1,1'-Biphenyl	830	U
98-86-2	Acetophenone	110	J
1912-24-9	Atrazine	830	U
100-52-7	Benzaldehyde	3400	
105-60-2	Caprolactam	830	U

(1) - Cannot be separated from Diphenylamine

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

XBOTX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-07A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E7363

Level: (low/med) LOW Date Received: 11/20/07

% Moisture: 21 decanted: (Y/N) N Date Extracted:11/20/07

Concentrated Extract Volume: 2000(uL) Date Analyzed: 11/21/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

Number TICs found: 20

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	98-54-4	PHENOL, P-TERT-BUTYL-	6.00	21100	NJ
2.		UNKNOWN	10.02	1770	J
3.		UNKNOWN	10.21	1900	J
4.		UNKNOWN	10.51	2290	J
5.		UNKNOWN	10.57	1650	J
6.		UNKNOWN	10.60	2810	J
7.		UNKNOWN	10.87	1800	J
8.		UNKNOWN	10.93	2440	J
9.	57-10-3	N-HEXADECANOIC ACID	11.40	13300	NJ
10.	1576-67-6	PHENANTHRENE, 3,6-DIMETHYL-	11.64	1620	NJ
11.		UNKNOWN	11.86	911	J
12.	57-11-4	OCTADECANOIC ACID	12.10	1820	NJ
13.		UNKNOWN	12.16	604	J
14.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	12.77	859	NJ
15.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	12.95	653	NJ
16.	1705-84-6	TRIPHENYLENE, 2-METHYL-	13.41	625	NJ
17.	205-82-3	BENZO[J]FLUORANTHENE	13.98	3380	NJ
18.	192-97-2	BENZO[E]PYRENE	14.11	13900	NJ
19.	192-97-2	BENZO[E]PYRENE	14.20	4160	NJ
20.		UNKNOWN	14.83	3620	J
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FB11/16

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-03B

Sample wt/vol: 1000 (g/ml) ML Lab File ID: E1G2247F

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted:11/21/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/27/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FB11/19

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) WATER Lab Sample ID: F1703-01B

Sample wt/vol: 1000 (g/ml) ML Lab File ID: E1G2246F

% Moisture: _____ decanted: (Y/N)___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted:11/21/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/27/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FUME A

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-05A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: E1G2162F

% Moisture: 4 decanted: (Y/N) N Date Received: 11/20/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:11/20/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/25/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	34	U
11104-28-2	Aroclor-1221	34	U
11141-16-5	Aroclor-1232	34	U
53469-21-9	Aroclor-1242	34	U
12672-29-6	Aroclor-1248	34	U
11097-69-1	Aroclor-1254	34	U
11096-82-5	Aroclor-1260	34	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FUME B

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-06A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E1G2163F

% Moisture: 10 decanted: (Y/N) N Date Received: 11/20/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:11/20/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	37	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FUME BOT

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-08A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E1G2165F

% Moisture: 11 decanted: (Y/N) N Date Received: 11/20/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:11/20/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	37	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FUME C

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-04A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E1G2159F

% Moisture: 1 decanted: (Y/N) N Date Received: 11/20/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:11/20/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/25/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIPES

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-02A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E1G2158F

% Moisture: 0 decanted: (Y/N) N Date Received: 11/20/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:11/20/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/25/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	120	
11096-82-5	Aroclor-1260	33	U

FORM 1
PCB ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

XBOTX

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix: (soil/water) SOIL Lab Sample ID: F1703-07A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E1G2164F

% Moisture: 21 decanted: (Y/N) N Date Received: 11/20/07

Extraction: (SepF/Cont/Sonc) SONC Date Extracted:11/20/07

Concentrated Extract Volume: 10000(uL) Date Analyzed: 11/26/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	42	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB11/16

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix (soil/water): WATER Lab Sample ID: F1703-03

Level (low/med): MED Date Received: 11/20/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.5	U		P
7440-39-3	Barium	11.0	U		P
7440-43-9	Cadmium	0.11	U		P
7440-47-3	Chromium	0.25	B		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.11	U		CV
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	1.2	U		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FB11/19

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix (soil/water): WATER Lab Sample ID: F1703-01

Level (low/med): MED Date Received: 11/20/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.0	B		P
7440-39-3	Barium	11.0	U		P
7440-43-9	Cadmium	0.11	U		P
7440-47-3	Chromium	0.23	B		P
7439-92-1	Lead	1.2	U		P
7439-97-6	Mercury	0.11	U		CV
7782-49-2	Selenium	5.2	U		P
7440-22-4	Silver	1.2	U		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FUME A

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix (soil/water): SOIL Lab Sample ID: F1703-05

Level (low/med): MED Date Received: 11/20/2007

% Solids: 96.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	4.2			P
7440-39-3	Barium	271		*	P
7440-43-9	Cadmium	0.66		E	P
7440-47-3	Chromium	9.9		N*	P
7439-92-1	Lead	1450			P
7439-97-6	Mercury	0.092		N*	CV
7782-49-2	Selenium	0.10	U	N	P
7440-22-4	Silver	2.1			P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FUME B

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix (soil/water): SOIL Lab Sample ID: F1703-06

Level (low/med): MED Date Received: 11/20/2007

% Solids: 90.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.7			P
7440-39-3	Barium	68.5		*	P
7440-43-9	Cadmium	0.26		E	P
7440-47-3	Chromium	5.7		N*	P
7439-92-1	Lead	135			P
7439-97-6	Mercury	0.71		N*	CV
7782-49-2	Selenium	0.10	U	N	P
7440-22-4	Silver	0.90	B		P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FUME BOT

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix (soil/water): SOIL Lab Sample ID: F1703-08

Level (low/med): MED Date Received: 11/20/2007

% Solids: 89.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	8.1			P
7440-39-3	Barium	1710		*	P
7440-43-9	Cadmium	1.7		E	P
7440-47-3	Chromium	32.5		N*	P
7439-92-1	Lead	1600			P
7439-97-6	Mercury	0.10		N*	CV
7782-49-2	Selenium	0.10	U	N	P
7440-22-4	Silver	2.9			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FUME C

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix (soil/water): SOIL Lab Sample ID: F1703-04

Level (low/med): MED Date Received: 11/20/2007

% Solids: 99.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.9			P
7440-39-3	Barium	699		*	P
7440-43-9	Cadmium	0.24		E	P
7440-47-3	Chromium	13.8		N*	P
7439-92-1	Lead	119			P
7439-97-6	Mercury	0.53		N*	CV
7782-49-2	Selenium	0.079	U	N	P
7440-22-4	Silver	1.2			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

PIPES

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix (soil/water): SOIL Lab Sample ID: F1703-02

Level (low/med): MED Date Received: 11/20/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	13.1			P
7440-39-3	Barium	608		*	P
7440-43-9	Cadmium	6.6		E	P
7440-47-3	Chromium	30.7		N*	P
7439-92-1	Lead	1820			P
7439-97-6	Mercury	2.2		N*	CV
7782-49-2	Selenium	0.097	U	N	P
7440-22-4	Silver	7.1			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

XBOTX

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1703

Matrix (soil/water): SOIL Lab Sample ID: F1703-07

Level (low/med): MED Date Received: 11/20/2007

% Solids: 79.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	19.8			P
7440-39-3	Barium	3540		*	P
7440-43-9	Cadmium	6.6		E	P
7440-47-3	Chromium	108		N*	P
7439-92-1	Lead	8250			P
7439-97-6	Mercury	0.34		N*	CV
7782-49-2	Selenium	0.12	U	N	P
7440-22-4	Silver	4.4			P

Comments:

Endpoint Samples Results for Samples Collected on December 13, 2007

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOT A (4.5)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix: (soil/water) SOIL Lab Sample ID: F1845-01A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E7815

Level: (low/med) LOW Date Received: 12/13/07

% Moisture: 9 decanted: (Y/N) N Date Extracted:12/13/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 12/14/07

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
91-20-3	Naphthalene	360	U
91-57-6	2-Methylnaphthalene	360	U
208-96-8	Acenaphthylene	360	U
83-32-9	Acenaphthene	360	U
132-64-9	Dibenzofuran	360	U
86-73-7	Fluorene	360	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOT C (4.5)

Lab Name: MITKEM LABORATORIES Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix: (soil/water) SOIL Lab Sample ID: F1845-05A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S1F5034

Level: (low/med) LOW Date Received: 12/13/07

% Moisture: 10 decanted: (Y/N) N Date Extracted:12/19/07

Concentrated Extract Volume: 1000(uL) Date Analyzed: 12/20/07

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
91-20-3	Naphthalene	370	U
91-57-6	2-Methylnaphthalene	370	U
208-96-8	Acenaphthylene	370	U
83-32-9	Acenaphthene	370	U
132-64-9	Dibenzofuran	370	U
86-73-7	Fluorene	370	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
56-55-3	Benzo(a)anthracene	52	J
218-01-9	Chrysene	59	J
205-99-2	Benzo(b)fluoranthene	150	J
207-08-9	Benzo(k)fluoranthene	77	J
50-32-8	Benzo(a)pyrene	96	J
193-39-5	Indeno(1,2,3-cd)pyrene	78	J
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	83	J

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOT A (4.5)

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): SOIL Lab Sample ID: F1845-01

Level (low/med): MED Date Received: 12/13/2007

% Solids: 91.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-39-3	Barium	39.2			P
7439-92-1	Lead	3.3			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

BOT A (5.5)

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): SOIL Lab Sample ID: F1845-02

Level (low/med): MED Date Received: 12/13/2007

% Solids: 91.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-39-3	Barium	45.4			P
7439-92-1	Lead	25.6			P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOT B (4.5)

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): SOIL Lab Sample ID: F1845-03

Level (low/med): MED Date Received: 12/13/2007

% Solids: 84.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-39-3	Barium	951			P
7439-92-1	Lead	1710			P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOT B (5.5)

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): SOIL Lab Sample ID: F1845-04

Level (low/med): MED Date Received: 12/13/2007

% Solids: 92.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-39-3	Barium	60.4			P
7439-92-1	Lead	29.4			P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOT C (4.5)

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): SOIL Lab Sample ID: F1845-05

Level (low/med): MED Date Received: 12/13/2007

% Solids: 90.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-39-3	Barium	43.6			P
7439-92-1	Lead	34.4			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

BOT C (5.5)

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): SOIL Lab Sample ID: F1845-06

Level (low/med): MED Date Received: 12/13/2007

% Solids: 91.0

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

CAS No.	Analyte	Concentration	C	Q	M
7440-39-3	Barium	28.8			P
7439-92-1	Lead	3.9			P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 12/12

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): WATER Lab Sample ID: F1846-04

Level (low/med): MED Date Received: 12/13/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	7.0	B		P

Comments:

Appendix I

Laboratory Results for Backfill

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Thursday, October 25, 2007

Steve Malinowski
CA Rich Consultants Inc.
17 Dupont Street
Plainview, NY 11803

TEL: (516) 576-8844
FAX (516) 576-0093

RE: ESV - Remediation

Order No.: 0710287

Dear Steve Malinowski:

American Analytical Laboratories, LLC. received 1 sample(s) on 10/23/2007 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *25-Oct-07*

CLIENT: CA Rich Consultants Inc.
Project: ESV - Remediation
Lab Order: 0710287

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0710287-01A	Backfill		10/23/2007 11:30:00 AM	10/23/2007

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS
CA Rich Inc
17 Dupont St.
Plainview NY

CONTACT: S. Malinowski

SAMPLER (SIGNATURE)

SAMPLER NAME (PRINT) Victoria Whelan

SAMPLE(S) SEALED YES / NO

CORRECT CONTAINER(S) YES / NO

PROJECT LOCATION:
ESV-Remediation

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	VOC	SVOC	PCB	Metals (6 Metals)	TCLP VOCs										FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
	S	2	WC-2	10/23/07 1115	X			X											hold
0710287-01A	S	2	10/23/07 1130	Backfill	X	X	X	X											Rush

ANALYSIS REQUIRED

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED:
NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	10/23 1130	Victoria Whelan		10/23/07 1130	Stephen Malinowski
	10/23/07 1325	Stephen Malinowski		10/23/07 1325	Gary Eppich

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *25-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	Backfill
Lab Order:	0710287	**Tag Number:**	
Project:	ESV - Remediation	**Collection Date:**	10/23/2007 11:30:00 AM
Lab ID:	0710287-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **AH**
Mercury	0.237	0.0112		mg/Kg-dry	1	10/24/2007 12:35:35 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1016	U	90		µg/Kg-dry	1	10/24/2007 11:26:00 PM
Aroclor 1221	U	90		µg/Kg-dry	1	10/24/2007 11:26:00 PM
Aroclor 1232	U	90		µg/Kg-dry	1	10/24/2007 11:26:00 PM
Aroclor 1242	U	90		µg/Kg-dry	1	10/24/2007 11:26:00 PM
Aroclor 1248	U	90		µg/Kg-dry	1	10/24/2007 11:26:00 PM
Aroclor 1254	U	90		µg/Kg-dry	1	10/24/2007 11:26:00 PM
Aroclor 1260	U	90		µg/Kg-dry	1	10/24/2007 11:26:00 PM
Surr: TCX	68.1	26-136		%REC	1	10/24/2007 11:26:00 PM
Surr: DCB	88.1	21-133		%REC	1	10/24/2007 11:26:00 PM
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	10.8	0		wt%	1	10/23/2007
RCRA METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Arsenic	4.27	0.552		mg/Kg-dry	1	10/24/2007 1:05:33 PM
Barium	73.7	0.442		mg/Kg-dry	1	10/24/2007 1:05:33 PM
Cadmium	U	0.331		mg/Kg-dry	1	10/24/2007 1:05:33 PM
Chromium	12.3	0.442		mg/Kg-dry	1	10/24/2007 1:05:33 PM
Lead	76.1	0.331		mg/Kg-dry	1	10/24/2007 1:05:33 PM
Selenium	U	0.552		mg/Kg-dry	1	10/24/2007 1:05:33 PM
Silver	U	0.442		mg/Kg-dry	1	10/24/2007 1:05:33 PM
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
1,2,4-Trichlorobenzene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
1,2-Dichlorobenzene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
1,3-Dichlorobenzene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
1,4-Dichlorobenzene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
2,4,5-Trichlorophenol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
2,4,6-Trichlorophenol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
2,4-Dichlorophenol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
2,4-Dimethylphenol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
2,4-Dinitrophenol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
2,4-Dinitrotoluene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
2,6-Dinitrotoluene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
2-Chloronaphthalene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
2-Chlorophenol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
2-Methylnaphthalene	130	130	J	µg/Kg-dry	1	10/23/2007 6:52:00 PM
2-Methylphenol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *25-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	Backfill
Lab Order:	0710287	**Tag Number:**	
Project:	ESV - Remediation	**Collection Date:**	10/23/2007 11:30:00 AM
Lab ID:	0710287-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
2-Nitroaniline	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
2-Nitrophenol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
3,3'-Dichlorobenzidine	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
3+4-Methylphenol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
3-Nitroaniline	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
4,6-Dinitro-2-methylphenol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
4-Bromophenyl phenyl ether	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
4-Chloro-3-methylphenol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
4-Chloroaniline	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
4-Chlorophenyl phenyl ether	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
4-Nitroaniline	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
4-Nitrophenol	U	170		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Acenaphthene	160	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Acenaphthylene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Aniline	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Anthracene	280	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Azobenzene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Benzidine	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Benzo(a)anthracene	560	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Benzo(a)pyrene	480	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Benzo(b)fluoranthene	440	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Benzo(g,h,i)perylene	330	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Benzo(k)fluoranthene	370	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Benzoic acid	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Benzyl alcohol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Bis(2-chloroethoxy)methane	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Bis(2-chloroethyl)ether	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Bis(2-chloroisopropyl)ether	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Carbazole	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Chrysene	590	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Dibenzofuran	95	130	J	µg/Kg-dry	1	10/23/2007 6:52:00 PM
Diethyl phthalate	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Dimethyl phthalate	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Fluoranthene	1200	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *25-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	Backfill
Lab Order:	0710287	**Tag Number:**	
Project:	ESV - Remediation	**Collection Date:**	10/23/2007 11:30:00 AM
Lab ID:	0710287-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 METHOD 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
Fluorene	150	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Hexachlorobenzene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Hexachlorobutadiene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Hexachlorocyclopentadiene	U	170		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Hexachloroethane	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Indeno(1,2,3-c,d)pyrene	290	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Isophorone	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Naphthalene	130	130	J	µg/Kg-dry	1	10/23/2007 6:52:00 PM
Nitrobenzene	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
N-Nitrosodimethylamine	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
N-Nitrosodi-n-propylamine	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
N-Nitrosodiphenylamine	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Pentachlorophenol	U	170		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Phenanthrene	1100	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Phenol	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Pyrene	1300	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Pyridine	U	130		µg/Kg-dry	1	10/23/2007 6:52:00 PM
Surr: 2,4,6-Tribromophenol	15.1	22-124	S	%REC	1	10/23/2007 6:52:00 PM
Surr: 2-Fluorobiphenyl	78.9	27-119		%REC	1	10/23/2007 6:52:00 PM
Surr: 2-Fluorophenol	34.7	21-123		%REC	1	10/23/2007 6:52:00 PM
Surr: 4-Terphenyl-d14	85.2	28-126		%REC	1	10/23/2007 6:52:00 PM
Surr: Nitrobenzene-d5	77.5	21-118		%REC	1	10/23/2007 6:52:00 PM
Surr: Phenol-d6	71.0	18-129		%REC	1	10/23/2007 6:52:00 PM
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,1,1-Trichloroethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,1,2,2-Tetrachloroethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,1,2-Trichloroethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,1-Dichloroethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,1-Dichloroethene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,1-Dichloropropene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,2,3-Trichlorobenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,2,3-Trichloropropane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,2,4,5-Tetramethylbenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,2,4-Trichlorobenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,2,4-Trimethylbenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,2-Dibromo-3-chloropropane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,2-Dibromoethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *25-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	Backfill
Lab Order:	0710287	**Tag Number:**	
Project:	ESV - Remediation	**Collection Date:**	10/23/2007 11:30:00 AM
Lab ID:	0710287-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LA**
1,2-Dichlorobenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,2-Dichloroethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,2-Dichloropropane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,3,5-Trimethylbenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,3-Dichlorobenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,3-dichloropropane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,4-Dichlorobenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
1,4-Dioxane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
2,2-Dichloropropane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
2-Butanone	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
2-Chloroethyl vinyl ether	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
2-Chlorotoluene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
2-Hexanone	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
2-Propanol	U	56		µg/Kg-dry	1	10/24/2007 1:08:00 AM
4-Chlorotoluene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
4-Isopropyltoluene	0.68	5.6	J	µg/Kg-dry	1	10/24/2007 1:08:00 AM
4-Methyl-2-pentanone	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Acetone	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Acrolein	U	28		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Acrylonitrile	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Benzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Bromobenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Bromochloromethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Bromodichloromethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Bromoform	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Bromomethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Carbon disulfide	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Carbon tetrachloride	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Chlorobenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Chlorodifluoromethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Chloroethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Chloroform	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Chloromethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
cis-1,2-Dichloroethene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
cis-1,3-Dichloropropene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Dibromochloromethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Dibromomethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Dichlorodifluoromethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Diisopropyl ether	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *25-Oct-07*

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	Backfill
Lab Order:	0710287	**Tag Number:**	
Project:	ESV - Remediation	**Collection Date:**	10/23/2007 11:30:00 AM
Lab ID:	0710287-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: **LA**
Ethanol	U	28		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Ethyl acetate	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Ethylbenzene	1.2	5.6	J	µg/Kg-dry	1	10/24/2007 1:08:00 AM
Freon-114	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Hexachlorobutadiene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Isopropyl acetate	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Isopropylbenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
m,p-Xylene	3.8	11	J	µg/Kg-dry	1	10/24/2007 1:08:00 AM
Methyl tert-butyl ether	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Methylene chloride	13	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
n-Amyl acetate	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Naphthalene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
n-Butyl acetate	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
n-Butylbenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
n-Propyl acetate	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
n-Propylbenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
o-Xylene	1.9	5.6	J	µg/Kg-dry	1	10/24/2007 1:08:00 AM
p-Diethylbenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
p-Ethyltoluene	1.6	5.6	J	µg/Kg-dry	1	10/24/2007 1:08:00 AM
sec-Butylbenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Styrene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
t-Butyl alcohol	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
tert-Butylbenzene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Tetrachloroethene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Toluene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
trans-1,2-Dichloroethene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
trans-1,3-Dichloropropene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Trichloroethene	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Trichlorofluoromethane	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Vinyl acetate	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Vinyl chloride	U	5.6		µg/Kg-dry	1	10/24/2007 1:08:00 AM
Surr: 4-Bromofluorobenzene	99.7	61-133		%REC	1	10/24/2007 1:08:00 AM
Surr: Dibromofluoromethane	51.7	61-139	S	%REC	1	10/24/2007 1:08:00 AM
Surr: Toluene-d8	101	57-131		%REC	1	10/24/2007 1:08:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

Appendix J

Construction Fill in Greenpoint
Letter to NYSDEC Dated January 2, 2007

RICH
ENVIRONMENTAL SPECIALISTS

Revised January 2, 2008
December 17, 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: Construction Fill in Greenpoint
Empire State Varnish Company, Inc.
38 Varick Street, Brooklyn, NY 11222
NYSDEC Site ID # 224123
RCRA Case # C02-20030729-161

Dear Mr. Nattanmai:

As per your request, CA Rich Consultants, Inc. (CA RICH) is pleased to submit this document on behalf of the Empire State Varnish Company, Inc. (EMPIRE) to support ongoing Site Closure activities at the above-referenced property ("the Site"). This letter report documents evidentiary information that low-lying lands surrounding the Site along and in relative close proximity to Newtown Creek were progressively filled-in during the late 1800's. It has specifically been prepared to document the timing of the fill placement and that benzo(a)pyrene is commonly found in soil samples collected from the fill in the Greenpoint area.

The construction-fill utilized at that early time of New York City industrial and commercial development, and particularly within the area of Greenpoint Brooklyn, as well as, other urbanizing areas elsewhere within the City have been known to contain residual chemical compounds and constituents that gradually accumulated from decades of historical industrial land usage in which accidental and/or incidental chemical discharges to land, sewer or surface water was relatively routine and recurring. The Site location is depicted on Figure 1.

During the late 1800's and through most of the early 1900's, the portion of Greenpoint situated along Newtown Creek was chiefly utilized for industrial purposes relating to petroleum refining and storage. The presence of the Newtown Creek itself supported the industrial area by means of a shipping path for barges and as a means for waste discharges prior to the advent and distribution of sewage treatment plants.

This long-term historic industrial use resulted in numerous petroleum-based industries and storage terminals centralized in the Greenpoint area along Newtown Creek. A well-documented underground oil spill ("the Greenpoint Spill") occurred here in this part of Greenpoint, NY and is attributable to these historical petroleum storage terminals that thrived in this neighborhood. The Greenpoint Oil Spill lies beneath approximately 55-acres of contiguous industrial lands in this part of Greenpoint. It occurs at water table depths beneath the entire Empire Site property and its environs. During the past decade, the ExxonMobil Refining & Supply Company along with ChevronTexaco and others have performed extensive environmental testing and historical research in efforts to delineate the nature and extents of the spill, most of which has been subject to review, approvals and ongoing regulatory oversight by the New York State Department of Environment al Conservation (DEC). CA RICH utilized public documentation associated with the Greenpoint Spill and chemical data provided by ChevronTexaco's consultant SAIC to research and help characterize area-wide surficial fill.

During the recent exhumation and removal of numerous underground storage tanks (USTs) at the Empire Site, CA RICH observed earth fill and sediments along the edge of the UST excavation that contained sediment and debris similar to construction fill commonly found in low-lying lands in Brooklyn and Queens (oftentimes referred to as 'made land' on USGS topographic quadrangle maps). To document approximately when these fill materials were placed upon the land, CA RICH reviewed publicly available and accessible sequential historical maps of both Greenpoint and the Newtown Creek shoreline. Our review included maps and illustrations obtained of the Eastern District of Brooklyn as compiled by Eugene L. Armbruster in 1912 (Ref. 1), as well as, a map from a U.S. Coast Survey in 1844 (Ref 2.).

Review of these maps confirms that the southern shoreline of Newtown Creek extended very near the northern Empire Varnish Site boundary running along and parallel to the current Bridgewater Street until at least 1844. A much older illustration from 1638 that we reviewed depicts the entire area along the south side of Newtown Creek between Whale Creek and Wyckoff's Creek as a low-lying marshland or meadow. A comparison of a more recent topographic map from 1900 along with a Sanborn Fire Insurance Map from 1888 documents that the Newtown Creek Shoreline immediately north of the Site was artificially filled-in to augment buildable land to facilitate growing industrial development along the south side of Newtown Creek. The historic maps are included in Appendix A & B.

Benzo(a)pyrene is a chemical compound produced as a byproduct of combustion and is a component of fuel. This compound was recently detected above applicable NYSDEC Part 375 Commercial Cleanup level of 1,000 parts per billion (ppb) (Ref. 4) in various endpoint earth fill samples collected from the perimeter of an underground storage tank (UST) excavation at the Site. The elevated sample results are illustrated on Figure 2. However, a review of chemical tests obtained by SAIC along the north side of Bridgewater Street indicates that elevated levels of benzo(a)pyrene have been detected at varying depths in subsurface soil/fill samples extending all the way along the roadway from Meeker Avenue to Apollo Street (Ref. 5). The elevated results, as provided by SAIC, ranged from 14,000 ppb beneath the parking lot on the corner of Meeker Avenue and Bridgewater Street to 1,100 ppb beneath the loading dock area of 50 Bridgewater Street. The sample locations, depths, test results and the approximate location of the Newtown Creek shoreline in 1844, are depicted on Figure 3.

Historical maps of Greenpoint document that the Empire Site and its environs to the north toward Newtown Creek were filled-in during the late 1800's to promote development pertaining to the petroleum industry. A review of sample results collected off-site by SAIC in construction fill document detected levels of benzo(a)pyrene similar to, and consistent with, those levels detected in the surficial earth fill materials found at the Empire Site and are not considered attributable to former varnish production operations. Furthermore, benzo(a)pyrene is rather immobile when present in the environment because it tends to adsorb to earth fill and soil particles, as opposed to desorption and potential percolation of chemical downward possibly into underlying groundwater.

The main environmental concern with the residual presence of benzo(a)pyrene remaining in the subsurface is the potential or existing human health exposure pathway that would be caused by direct contact. The geographic locations of the elevated subsurface detections on-site are all currently partially covered with a concrete slab. The concrete slab effectively prevents the potential for any direct human exposure. In addition, it is our understanding that the planned future use of this property by the new Owner (ExxonMobil) will be to facilitate installation of an additional product recovery well system(s) designed for the express purpose of further augmenting the ongoing area-wide environmental remediation efforts of the Greenpoint Oil Spill.

We hope this data and map review is informative. Please confirm that the information presented in this document provides DEC with the basis to conclude that no further action is required regarding the detections of benzo(a)pyrene in fill materials at the Empire Site. 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

STM/vw/car
Attachments

cc: Christopher Proce, Roux Associates
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

REFERENCES

1. Armbruster, Eugene L., 1912, Maps and Illustrations of the Eastern District of Brooklyn.

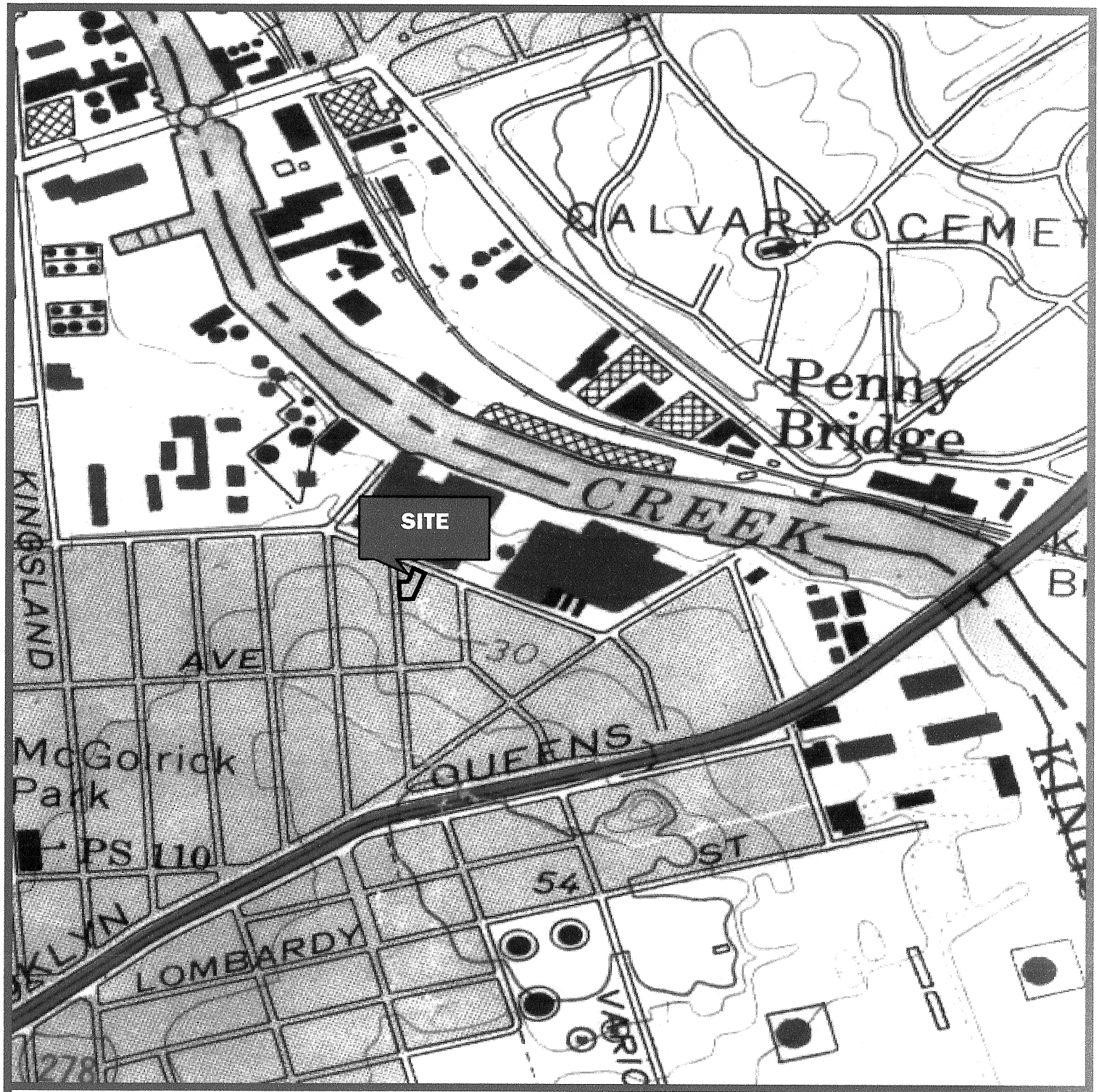
2. EDR Sanborn Fire Insurance Map, 1888, Greenpoint, Brooklyn.

3. Roux Associates, January 4, 2005, Draft Peerless Importers Remedial Investigation.

4. NYSDEC, December 2006, 6NYCRR Part 375 Environmental Remediation Programs Subparts 375-1 to 375-4 & 375-6.

5. SAIC, July 2005 through August 2007, Benzo(a)pyrene soil results at the Former Paragon Oil Terminal.

Figures



APPROX. SCALE (ft.)

0 1,000 2,000 N

Adapted from Topographic quad for Brooklyn 1979.

CA RICH CONSULTANTS, INC.

Certified Groundwater and Environmental Specialists
17 Dupont Street, Plainview, NY 11803

TITLE: **PROPERTY LOCATION MAP**	DATE: **9/1/05**
	SCALE: **AS SHOWN**
FIGURE: **1**	**Empire State Varnish** **38 Varick Street** **Brooklyn, New York**
DRAWING:	DRAWN BY: **STM**
	APPR. BY: **C.A.R.**

North Wall W	3-5 Feet	6.5 Feet	Commercial Value
Benzo(a)pyrene	3,000 ug/kg	2,300 ug/kg	1,000 ug/kg

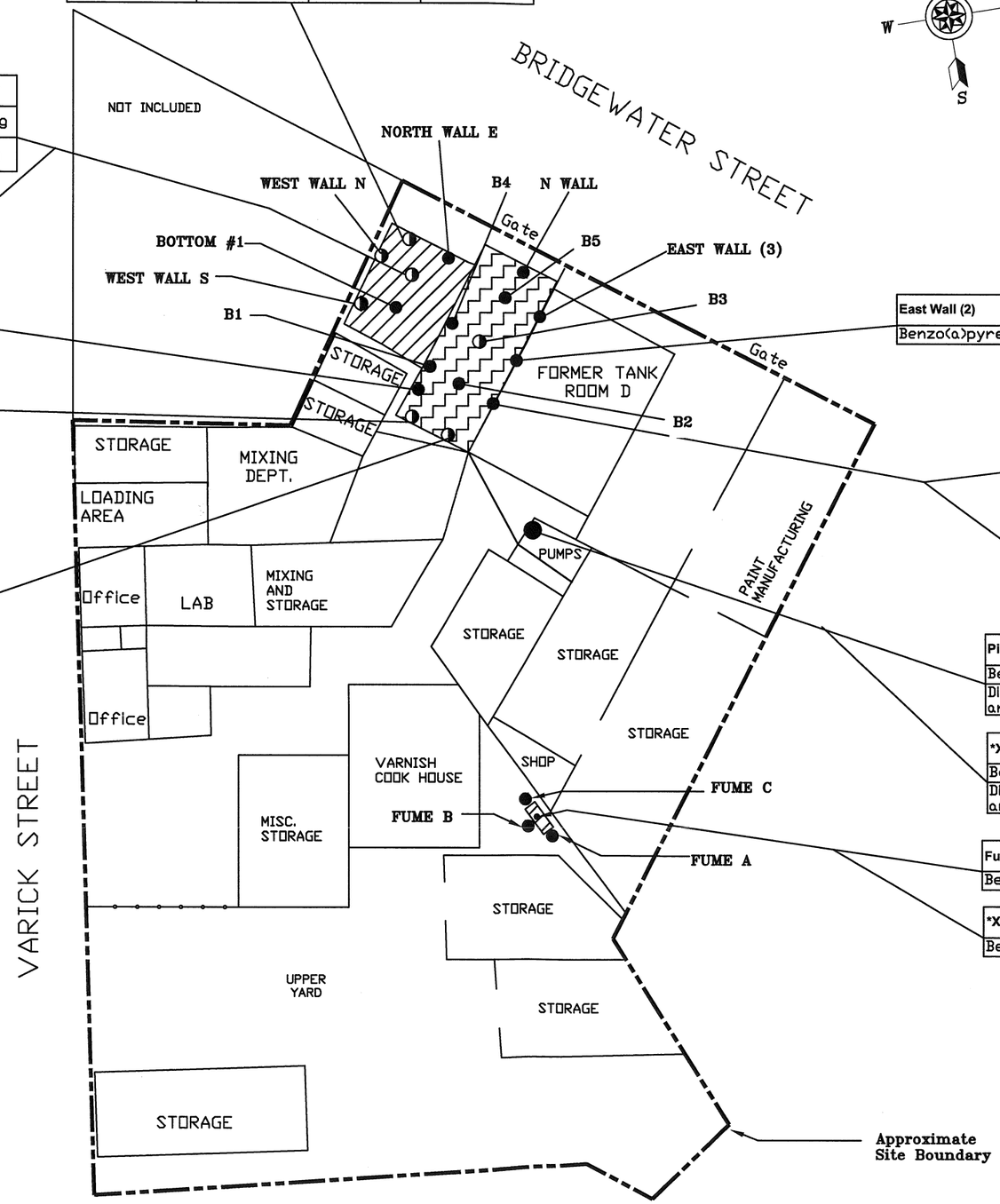
Bottom 2	11 Feet	15.5 Feet	Commercial Value
Benzo(a)pyrene	3,200 ug/kg	780 ug/kg	1,000 ug/kg
Dibenzo(a,h) anthracene	610 J ug/kg	560 ug/kg	560 ug/kg

*Bottom X (Dup)	11 Feet	Commercial Value
Benzo(a)pyrene	2,000 ug/kg	1,000 ug/kg

WS Wall	5 Feet	Commercial Value
Benzo(a)pyrene	1,800 ug/kg	1,000 ug/kg

SW Wall	3-5 Feet	Commercial Value
Benzo(a)pyrene	1,500 ug/lg	1,000 ug/kg

SE Wall	3-5 Feet	Commercial Value
Benzo(a)pyrene	1,300 ug/kg	1,000 ug/kg
Dibenzo(a,h) anthracene	720 ug/kg	560 ug/kg



East Wall (2)	3-5 Feet	Commercial Value
Benzo(a)pyrene	1,300 ug/kg	1,000 ug/kg

East Wall (1)	3-5 Feet	Commercial Value
Benzo(a)pyrene	1,200 ug/kg	1,000 ug/kg
Dibenzo(a,h) anthracene	1,300 ug/kg	560 ug/kg

*XWallX (Dup)	3-5 Feet	Commercial Value
Benzo(a)pyrene	1,200 ug/kg	1,000 ug/kg
Dibenzo(a,h) anthracene	650 ug/kg	560 ug/kg

Pipes	5 Inches	Commercial Value
Benzo(a)pyrene	2,300 ug/kg	1,000 ug/kg
Dibenzo(a,h) anthracene	670 ug/kg	560 ug/kg

*XBOTX	5 Inches	Commercial Value
Benzo(a)pyrene	13,000 ug/kg	1,000 ug/kg
Dibenzo(a,h) anthracene	3,800 ug/kg	560 ug/kg

Fume Bottom	4 Feet	Commercial Value
Benzo(a)pyrene	2,350 ug/kg	1,000 ug/kg

*XBottomX (Dup)	4 Feet	Commercial Value
Benzo(a)pyrene	12,800 ug/kg	1,000 ug/kg

LEGEND

B5 ● = Soil Endpoint Sample and Designation

B3 ◑ = Soil Sample Location With Multiple Depths

▨ = Extent of Initial Excavation 10/4/2007

▨ = Extent of Expanded Excavation 10/24/2007

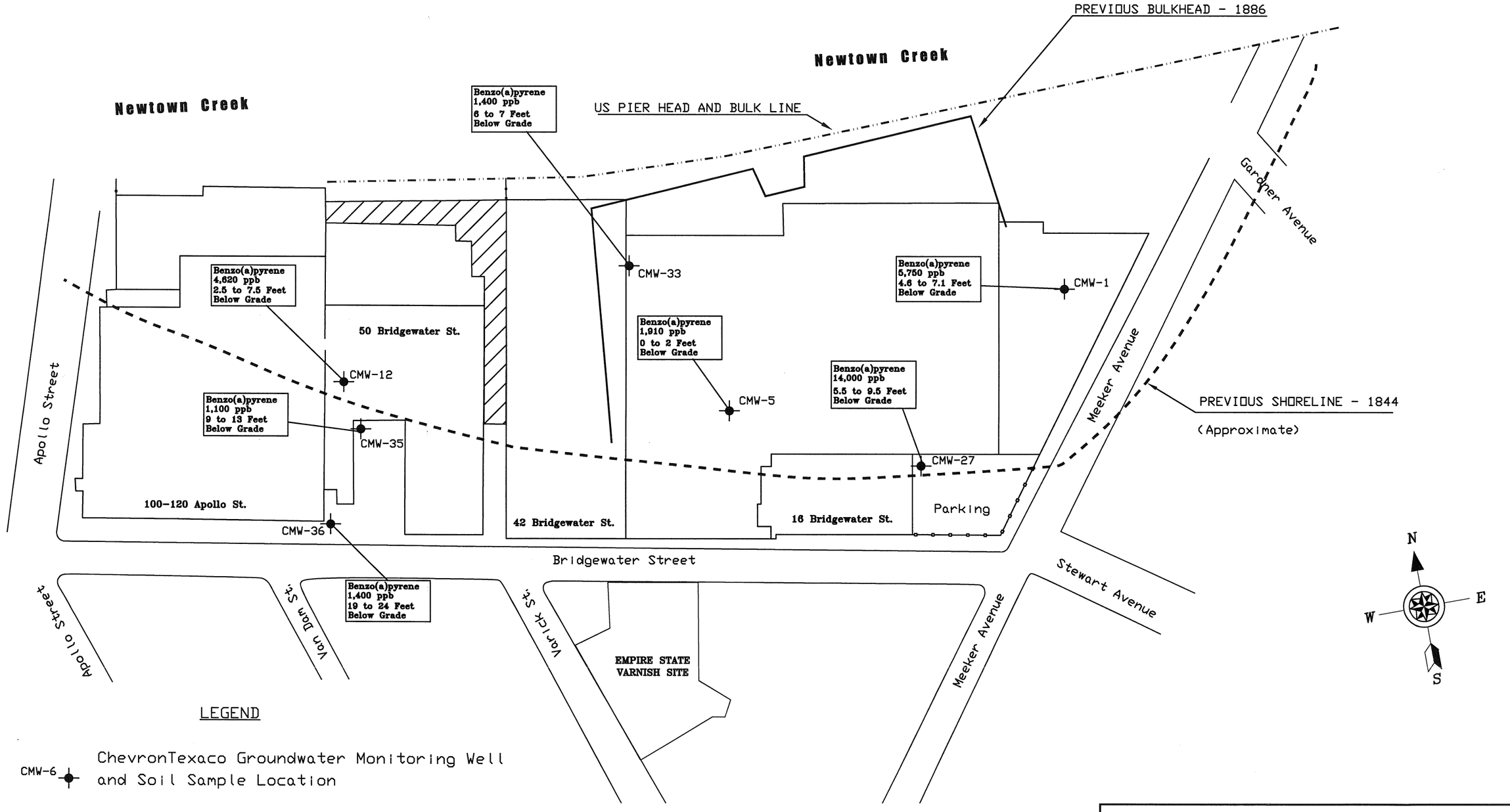
* = Duplicate Soil Sample for QA/QC Purposes

Notes:
J=Detection under laboratory limits

ug/kg=microgram per kilogram or parts per billion

CA RICH CONSULTANTS, INC.
Certified Ground-Water and Environmental Specialists
17 Dupont Street, Plainview, New York 11803

TITLE: SEMIVOLATILE COMPOUNDS IN SOIL ABOVE NYSDEC PART 375 COMMERCIAL VALUES		DATE: 12/10/2007
		SCALE: 1" = 30'
FIGURE: 2	EMPIRE STATE VARNISH 38 VARICK STREET BROOKLYN, NY	DRAWN BY: J.T.C.
DRAWING NO: 2007-4		APPR. BY: S.T.M.



Notes:

1 - Map Adapted From Drawings Included in Public Documents Prepared By Roux Associates and SAIC on Behalf of ExxonMobil and ChevronTexaco, Respectively.

2 - Benzo(a)Pyrene Concentrations Obtained By SAIC During Installation of Monitoring Wells

CA RICH CONSULTANTS, INC.

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

TITLE: BENZO(A)PYRENE CONCENTRATIONS IN EARTH FILL SOIL SAMPLES COLLECTED IN SURROUNDING AREA		DATE: 1/2/08
		SCALE: 1" = 125'
FIGURE: 3	EMPIRE STATE VARNISH 38 VARICK STREET BROOKLYN, NEW YORK	DRAWN BY: S.T.M.
DRAWING NO: 2007-98A		APPR. BY: C.A.R.

Appendix A

Maps and Illustrations of
The Eastern District of Brooklyn
Eugene L. Armbruster 1912

1912

THE EASTERN DISTRICT OF BROOKLYN

WITH

Illustrations and Maps

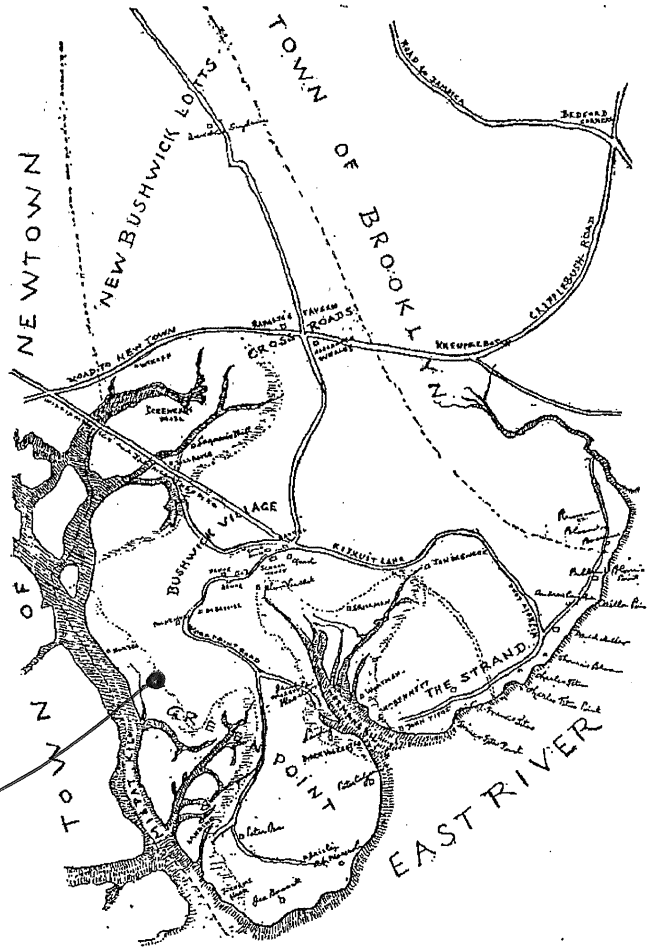
BY

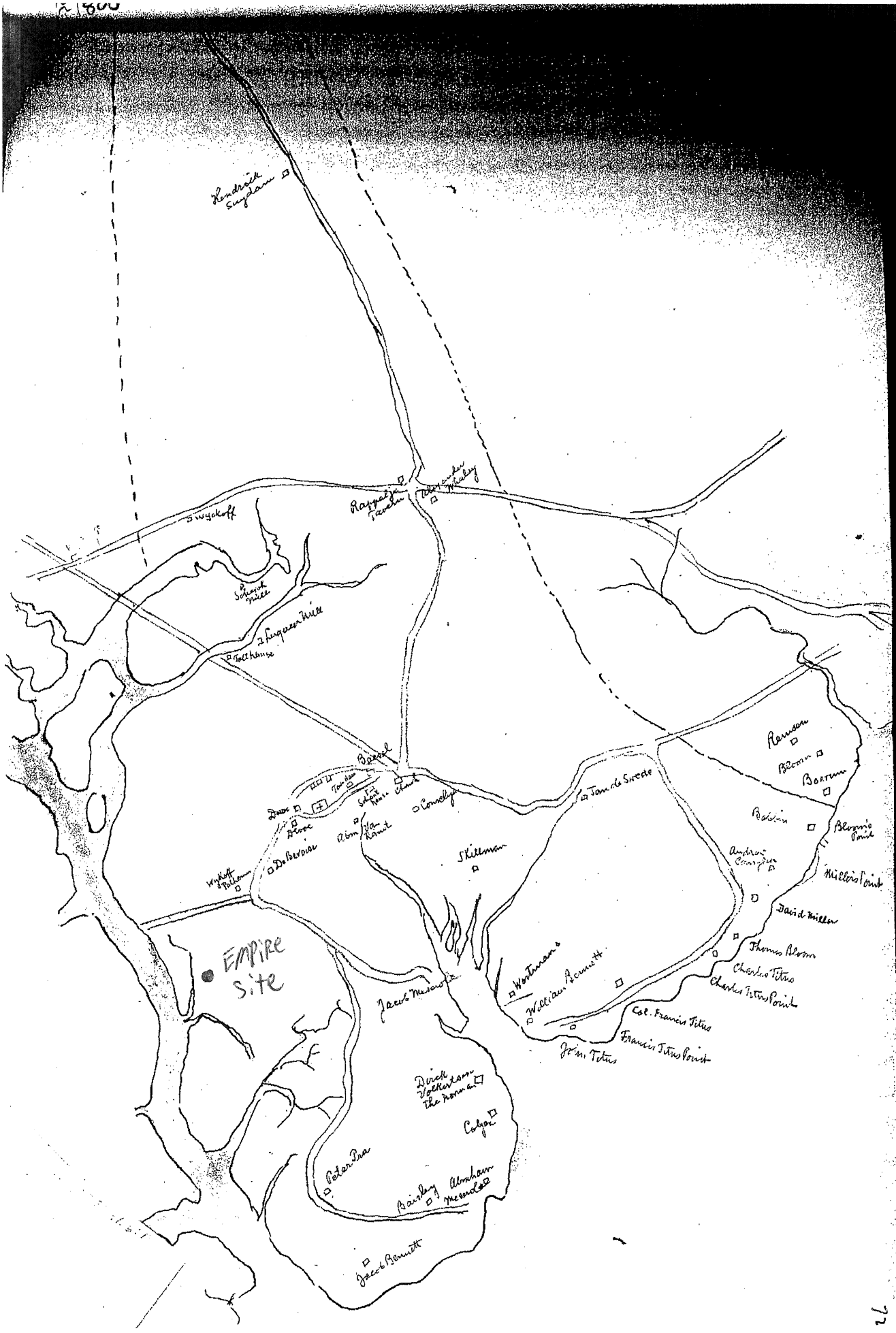
EUGENE L. ARMBRUSTER

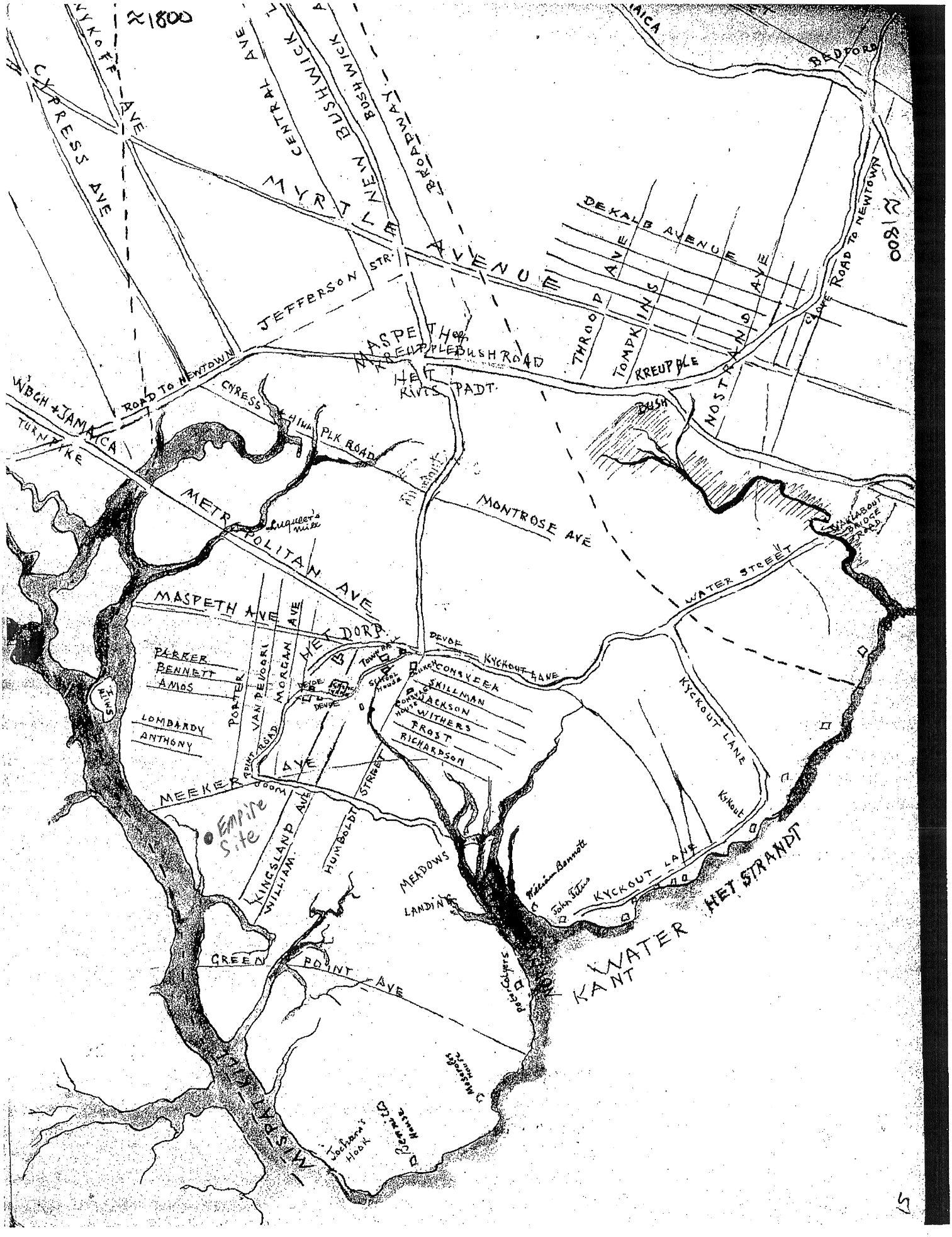
"Remove not the ancient landmark, which thy fathers have set."—Prov. XXII., 28.



NEW YORK
1912

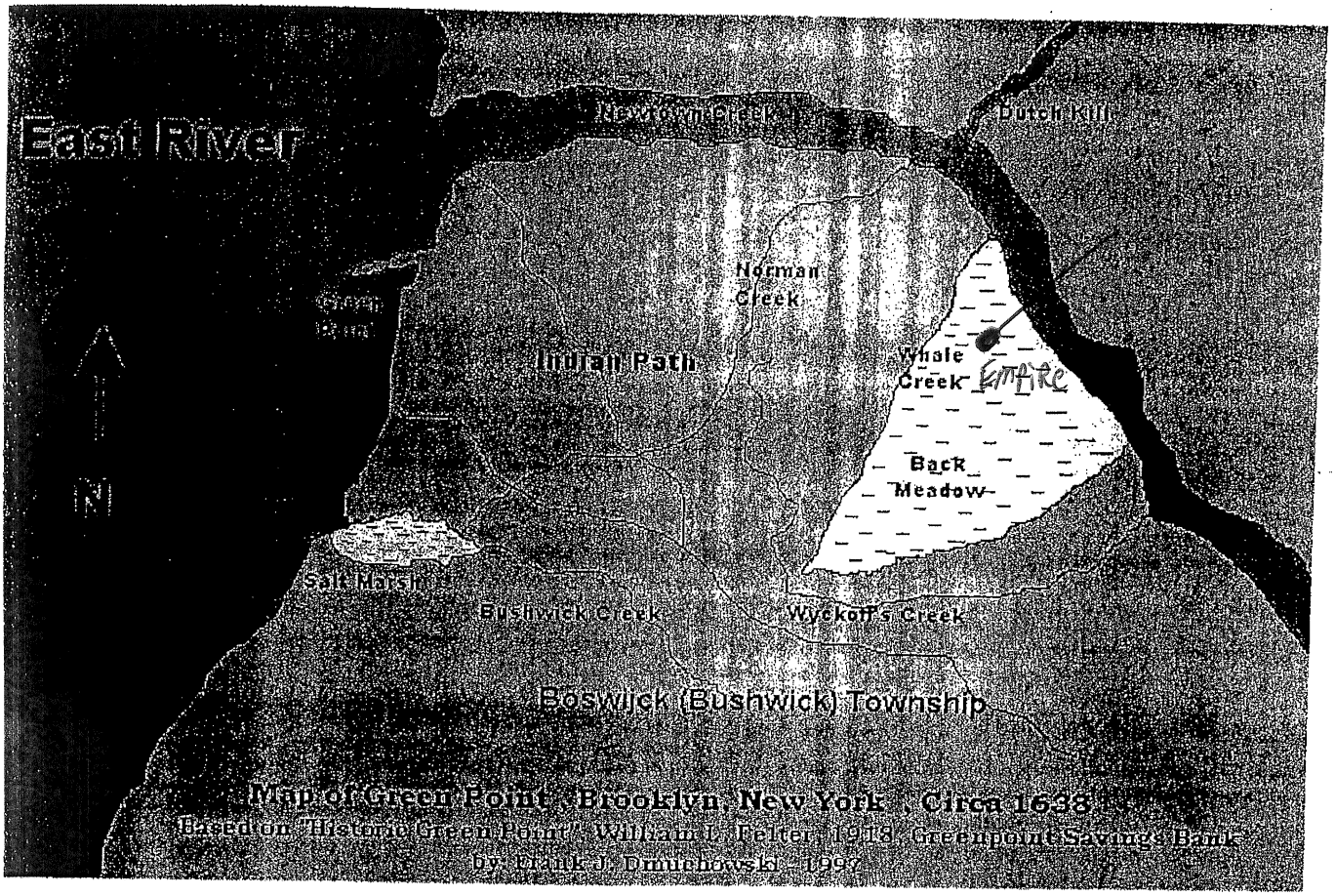

NEWTOWN
NEW BUSHWICK LOTTS
TOWN OF BROOKLYN
BUSHWICK VILLAGE
THE STRAND
POINT
EAST RIVER
TOWN OF
EMPIRE


Kendrick
Wyckoff
Rapalje
Alexander Hartley
School House
Furgueson Mill
Toll House
Bedford
Dean
Prince
Van Brunt
Cornelius
Jans de Sweede
Stillman
Wyckoff Pieter
De Bevoise
Ransom
Bloom
Boerum
Bedford
Bloomfield
Andrew Compton
Millers Point
David Miller
Thomas Bloom
Charles Titus
Charles Titus Point
Col. Francis Titus
Francis Titus Point
John Titus
Wortman
William Bennett
Jacob Meserole
EMPIRE
site
Direck Vechtenson
The Norman
Colyer
Peter Ten
Bairley
Abraham
Meserole
Jacob Bennett


≈1800
WYKOFF AVE
CYPRESS AVE
CENTRAL AVE
BUSHWICK AVE
BUSHWICK
MYRTLE AVENUE
JEFFERSON ST.
ROAD TO NEWTOWN
MASPETH
KREUPPLEBUSH ROAD
HET KRUYS PADT
THROOP AVE
TOMPKINS AVE
KREUPPLE
DEKALB AVENUE
NOSTRAND AVE
CLOVE ROAD TO NEWTOWN
≈1800
BEDFORD
WBGH & JAMAICA TURNPIKE
CYPRESS HILLS PLK ROAD
BUSH
METROPOLITAN AVE
MONTROSE AVE
WATER STREET
MASPETH AVE
DORP
PARKER
BENNETT
AMOS
LOMBARDY
ANTHONY
PORTER
VAN DEVOORT
MORGAN AVE
PRINT ROAD
TOWN HALL
SCHOOL HOUSE
DEVOE
KYCKOUT LANE
CONOVER
SKILLMAN
JACKSON
WITHERS
FROST
RICHARDSON
KYCKOUT LANE
MEEKER AVE
STREET
Empire Site
KINGSLAND AVE
WILLIAM
HUMBOLDT
MEADOWS
LANDING
KYCKOUT LANE
GREEN POINT AVE
KAN WATER HET STRAND
Jochem's Hook

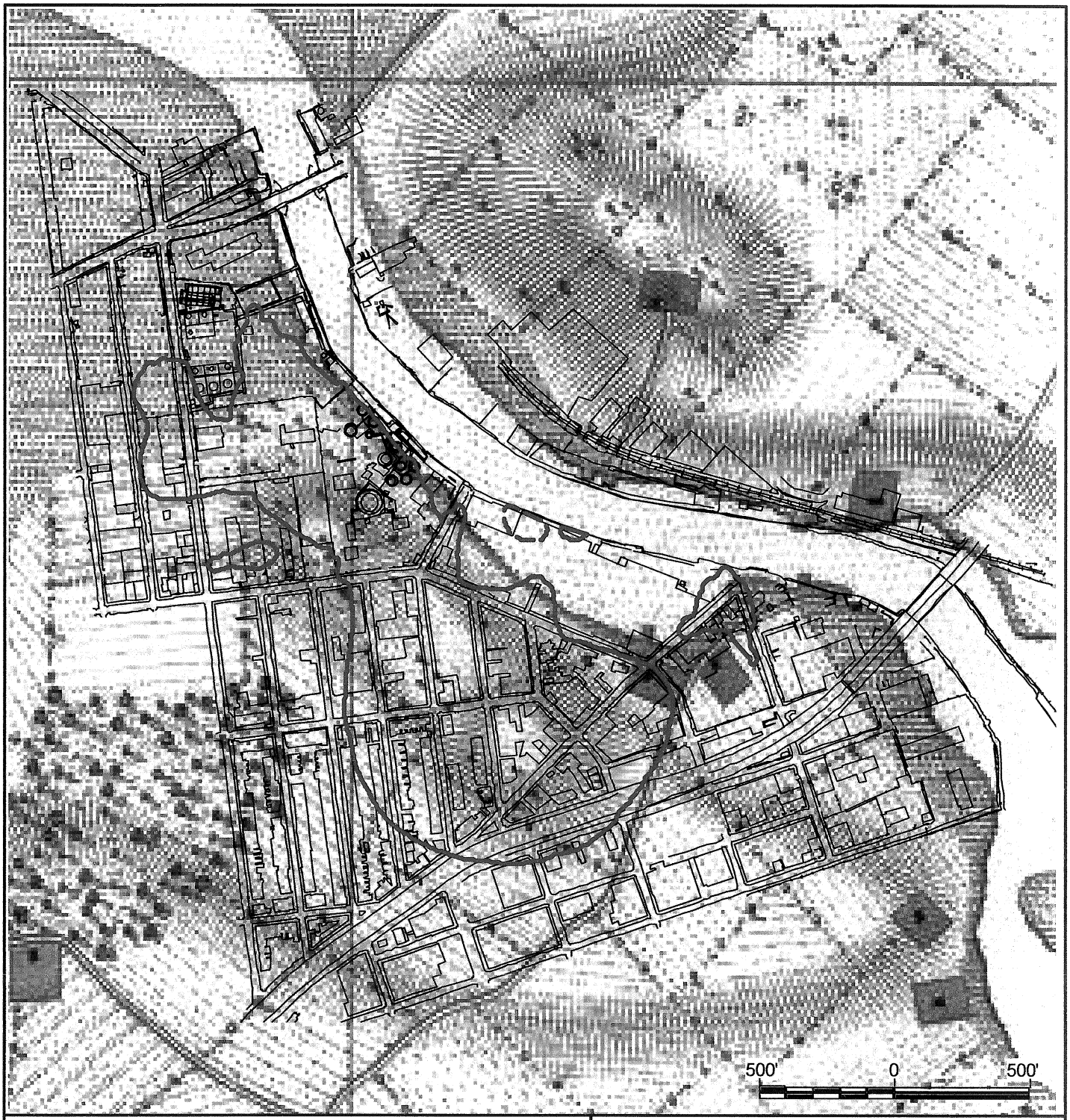
16356

BAF: Greenpoint



Appendix B

Historical Topographic Maps and Sanborn Fire Insurance Maps



EXPLANATION

SITE MAP (CURRENT CONDITIONS)

CURRENT HORIZONTAL EXTENT OF FREE-PRODUCT

N

SOURCE:
U.S. COAST SURVEY, 1844

Title:

HISTORIC MAP OF GREENPOINT BROOKLYN, NEW YORK CIRCA - 1844

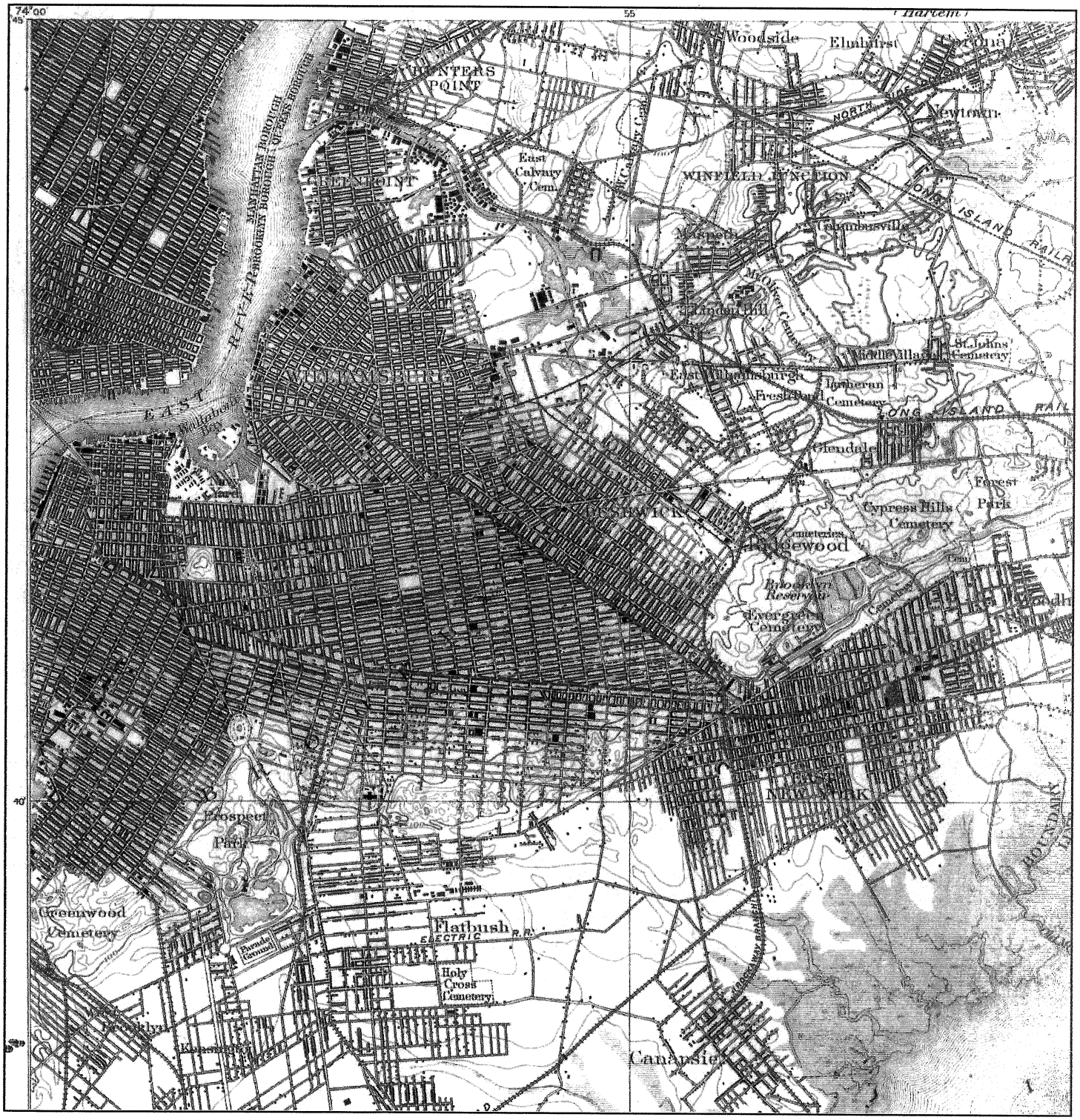
PEERLESS IMPORTERS REMEDIAL INVESITGATION
GREENPOINT, BROOKLYN, NEW YORK

Prepared For: EXXONMIBIL REFINING AND SUPPLY CO.
INWOOD, NEW YORK

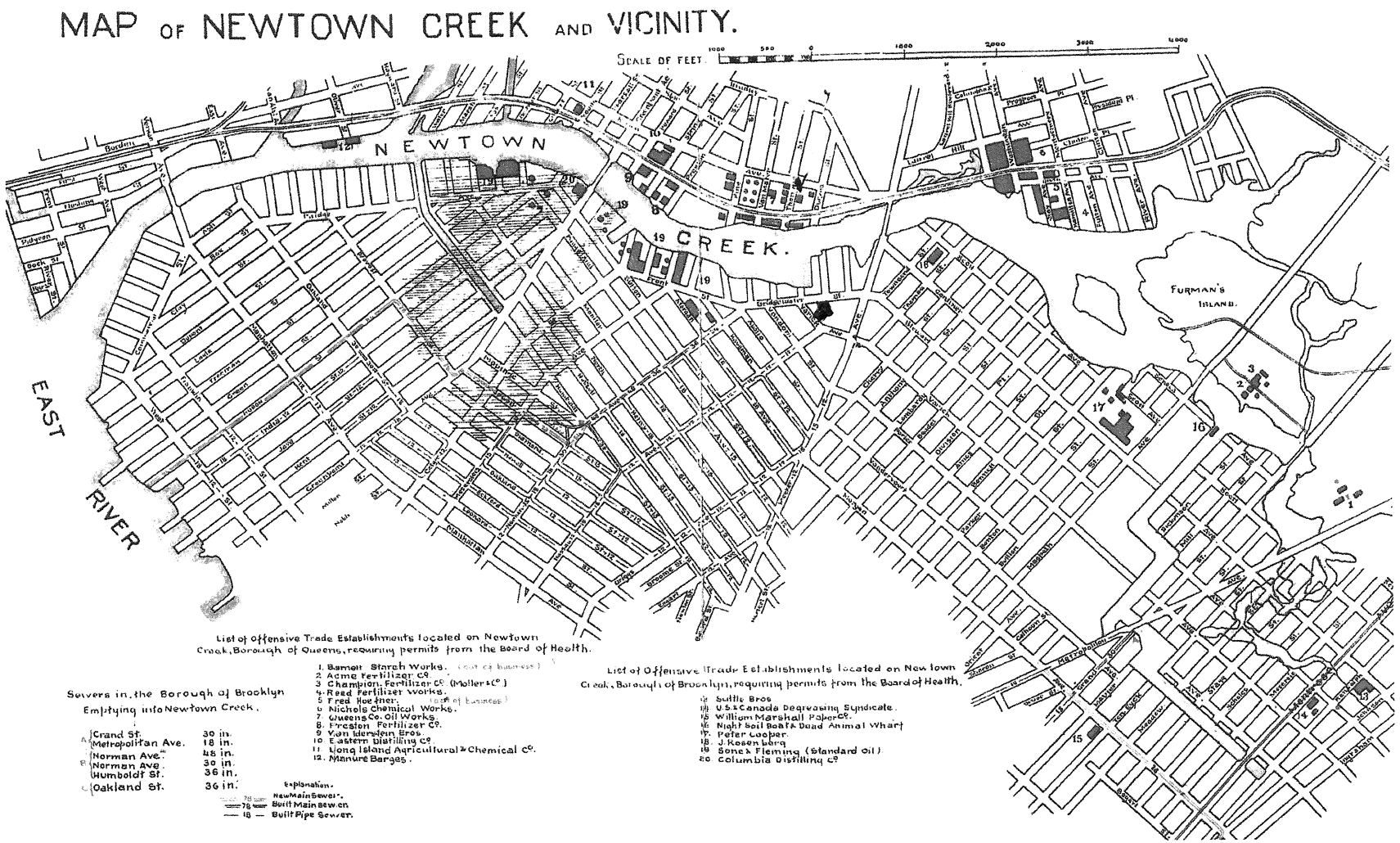
ROUX ASSOCIATES INC
Environmental Consulting & Management

Compiled by: C.P.	Date: 12/4/04	FIGURE
Prepared by: C.P.	Scale: AS SHOWN	4
Project Mgr: J.P.K.	Office: N.Y.	
File No: MC3060410.WOR	Project: 17230E16	

Historical Topographic Map



N	TARGET QUAD NAME: BROOKLYN MAP YEAR: 1900 SERIES: 15 SCALE: 1:62500	SITE NAME: The Texas Company ADDRESS: 28-20 Borden Avenue Long Island City, NY 11101 LAT/LONG: 40.7387 / 73.9413	CLIENT: SAIC CONTACT: Timothy Runkle INQUIRY#: 2039811.4 RESEARCH DATE: 09/27/2007

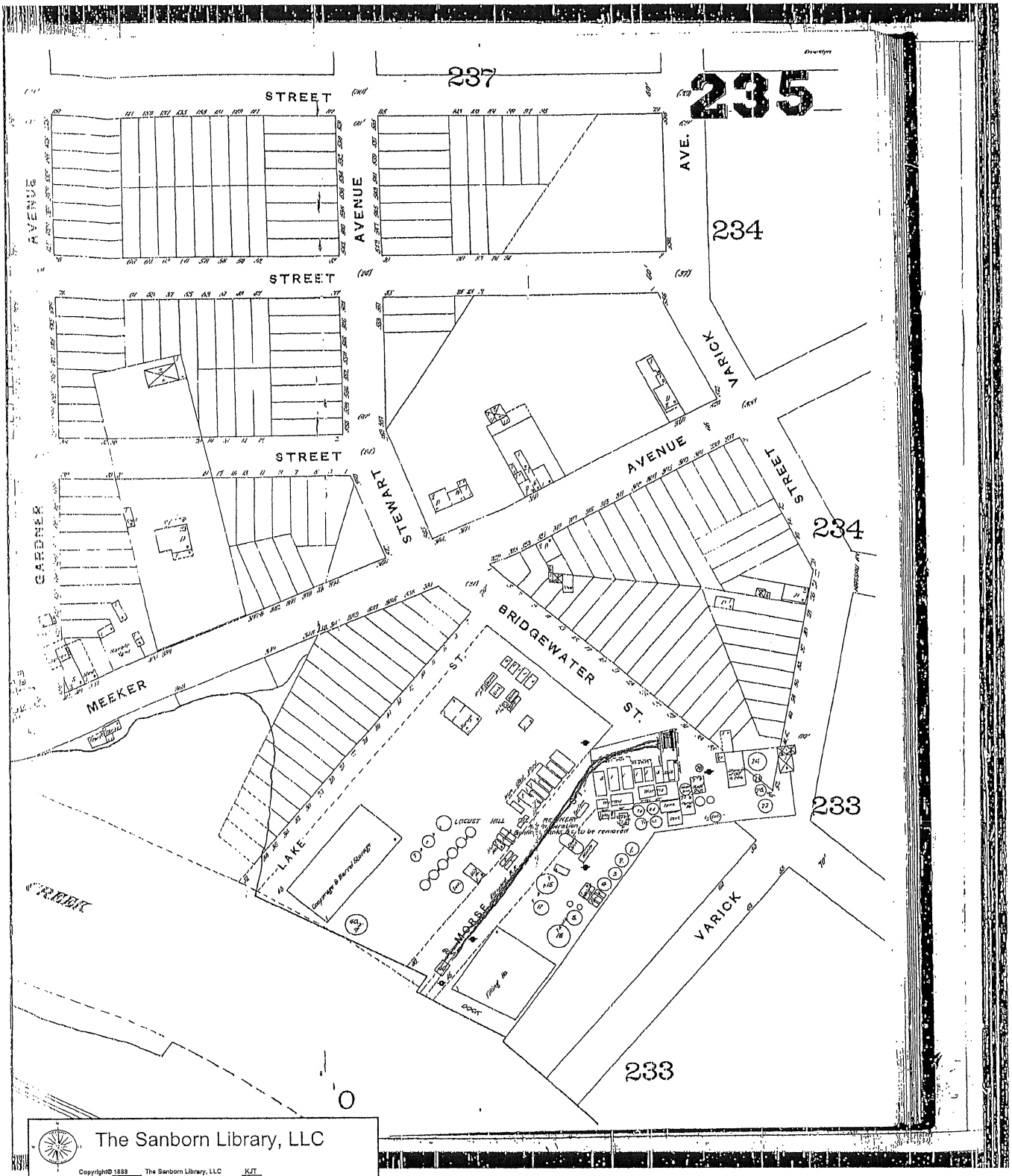


and industrial waste. The Creek's meandering flow, shallow depth, and slow tidal action—once an asset—became an environmental liability.

It is a torturous stream and for a portion of its extent is bulk headed on either side. The flow of water through the same is at all times sluggish. For years the effluent and debris from the many factories situated next to it and the sewage from the streets of the boroughs of Brooklyn and Queens flow into the stream and this, with the natural deposit of which takes place, and which is not carried out by the tidal flow, is deposited in the bed of the creek and on the meadows adjacent thereto. This condition renders Newtown Creek a nuisance of itself.

—1899 New York State Board of Health report.

Citizens began to complain. In 1890, a group of Brooklynites created a "Smelling Committee" to monitor the Creek's degraded condition. Responding to citizen outcry, the New York State Board of Health investigated the conditions of the Creek and determined the principal source of nuisances to be the "distilling and boiling of bones, rendering of dead animals, fat, offal, and blood, mixing of fertilizing material, escape of sewage, garbage



The Sanborn Library, LLC

Copyright© 1888 The Sanborn Library, LLC KJT
Year EDR Research Associate

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Appendix K

Hazardous Waste Manifest for Soil Removed From Beneath the Fume Scrubber and TCLP and Total Lead Results

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD001239113	1	516-616-6756	003109760 JJK

GENERATOR

5. Generator's Name and Mailing Address
Empire State Varnish Company
38 Varick Street
Brooklyn, NY 11222
Generator's Phone: 718-388-6400

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
Freehold Carriage, Inc.
U.S. EPA ID Number
NJD054129184

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
EQ Detroit, Inc.
EQ Detroit, Inc.-1923 Fronteback Street
Detroit, MI 48211
Facility's Phone: 313-347-1300
U.S. EPA ID Number
MID980991566

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, Hazardous Waste Solid, N.O.S., 9, NA3077, PGIII, (Lead)(D008) ERG#171	2	DM	1000	P	D008		
	2.							T
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Gb.1) L071106 DRT

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: RICHARD M. STARK
Signature: Richard M Stark
Month: 12 Day: 19 Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Michael Brochon
Signature:
Month: 12 Day: 19 Year: 07
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

18b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H111 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name:
Signature:
Month: 1 Day: 3 Year: 08

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY'S COPY

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

DRUM 1

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): WATER Lab Sample ID: F1846-01

Level (low/med): MED Date Received: 12/13/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	17100			P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DRUM 1

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): SOIL Lab Sample ID: F1846-01

Level (low/med): MED Date Received: 12/13/2007

% Solids: 77.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	1520			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

DRUM 2

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): WATER Lab Sample ID: F1846-02

Level (low/med): MED Date Received: 12/13/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	843			P

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

DRUM 2

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): SOIL Lab Sample ID: F1846-02

Level (low/med): MED Date Received: 12/13/2007

% Solids: 94.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	126			P

Comments:

FORM I - IN SW846

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

DRUM X

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): WATER Lab Sample ID: F1846-03

Level (low/med): MED Date Received: 12/13/2007

% Solids: 0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	2260			P

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

DRUM X

Lab Name: Mitkem Laboratories Contract: Empire Stat

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF1845

Matrix (soil/water): SOIL Lab Sample ID: F1846-03

Level (low/med): MED Date Received: 12/13/2007

% Solids: 75.0

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

CAS No.	Analyte	Concentration	C	Q	M
7439-92-1	Lead	0.89			P

Comments:

FORM I - IN SW846

Appendix L

Drum Disposal Manifests
For 10-29-07, 12-18-07, 12-19-07 and 12-20-07

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD001233113	1	(908) 354-0210	003634507 JJK

GENERATOR

5. Generator's Name and Mailing Address: Empire State Varnish c/o ES
38 Varick Street
Brooklyn, NY 11222
Generator's Phone: (718) 388-5496

Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: CLEAN VENTURE INC.
U.S. EPA ID Number: NJ0000027193

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Cycle Chem Inc.
217 South First Street
Elizabeth, NJ 07206
Facility's Phone: (908) 355-5660
U.S. EPA ID Number: NJD002200048

No.	9a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers: No.	10. Containers: Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	Waste Paint, ORM-E, NA1263, PG III ERG# 128	90	DM	4950	lb	D001	B	
	~~Corrosive solids, n.o.s., 8, UN1759, PG II~~ (waste Flammable solid, n.o.s., 4.1, UN1325, PG II) ERG# 154					D002		
	3.							
	4.							

14. Special Handling Instructions and Additional Information: LDR On File 9340737-1780571722550? (1)NE2-5 FLAMMABLE DRUMS
Liquid Varnish - Flammable Sludge 27185-12 (a) ~~Corrosive solids~~ Paint
TRL # 48829

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Robert Stark
Signature:
Month: 10 Day: 29 Year: 07

INTL

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: George Desrosseaux
Signature:
Month: 10 Day: 29 Year: 07

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: Day: Year:

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD001233113	2	(908) 354-0210	001026824 JJK

GENERATOR

5. Generator's Name and Mailing Address: Empire State Varnish c/o ESV
38 Varick Street
Brooklyn, NY 11222
Generator's Phone: (718) 388-5450

Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: CLEAN VENTURE INC. — U.S. EPA ID Number: NJ0000027193

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Cycle Chem Inc.
217 South First Street
Elizabeth, NJ 07206
Facility's Phone: (908) 355-5800 — U.S. EPA ID Number: NJD002200046

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. ~~Waste Flammable liquids, n.o.s., 3, UN1993, PG II (D001 D009 — D)~~ G.D		D,F		G	D001, D009 — 5
X	2. ~~Waste Paint, 3, UN1263, PG III~~ G.D		D,F		G	D001
X	3. ~~Chemical Process Solid Non RCRA Non DOT~~ G.D		D,F		G	1927
X	4. ~~Chemical Process Solid Non-RCRA Non DOT~~ G.D		D,F		G	1927

14. Special Handling Instructions and Additional Information: 9540737-178212772205 ~~(1)R01-18 Yellow Dye (2)UIK-19 Labpack~~ of miscellaneous flammables and paint additives (3)WB1-16 Para Tertiary Benzoic Acid (4)WB1-17 Used Calcium Acetate

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X RICHARD M. STARK — Signature: Richard M. Stark — Month 12 Day 18 Year 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: George Desrosiers — Signature: George Desrosiers — Month 12 Day 18 Year 07

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141	H061		

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name: M Helene Gonzalez — Signature: M Helene Gonzalez — Month 12 Day 18 Year 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: NYD001233113

22. Page: 2 of 2

23. Manifest Tracking Number: 001026824 DTE

24. Generator's Name: Empire State Varnish c/o ESV REMEDIATION, LLC
58 Varick Street
Brooklyn, NY 11222

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

GENERATOR

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	(1) Chemical Process Liquid Non-RCRA Non-DOT	36	D M	1980	G	D072
	~~(2) NON-RCRA~~ G-D		~~D F~~		~~G~~	~~D072~~
	~~(3) Chemical Process Liquid Non-RCRA Non-DOT~~ G-D		~~D W~~		~~G~~	~~D072~~
X	(4) Waste Paint 3 UN1263 PG III ERG# 128	52	D M	2860	G	D001
X	~~(5) Waste Paint 3 UN1263 PG III~~ G-D ~~ERG# 128~~		D M		G	D001

62. Special Handling Instructions and Additional Information: (1)Combustable Oils (2)WB2-14 Poly Copper S (3)WB2-15 Pails of Water Based Paint (4)IK-4 FLAMMABLE DRUMS/OIL -Paint Varnish - Liquid (5)UIK-19 Labpack of miscellaneous flammables and paint additives

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

34. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

		H061	H061

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD001233113	1	(908) 354-0210	001031809 JJK

GENERATOR

5. Generator's Name and Mailing Address: Empire State Varnish c/o ESV
38 Varick Street
Brooklyn, NY 11222
Generator's Phone: (718) 388-5450

Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: CLEAN VENTURE INC. — U.S. EPA ID Number: NJ0000027193

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Cycle Chem Inc.
217 South First Street
Elizabeth, NJ 07206
Facility's Phone: (908) 355-5800 — U.S. EPA ID Number: NJD002200046

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. Waste Flammable solids, organic, n.o.s. 4.1 UN1325 PG II (D001 B) ERG# 133	1	D M	20	G (10#)	D001	B	
	2. Chemical Process Solid Non-RCRA Non-DOT	2	~~D~~ F DM (KH)	120	~~G~~ P KH	ID27		
X	3. WASTE Lead Acetate PG III-6.1 UN1616	1	DM	50	P	D008 B	U144	
	4. Chemical Process Solid NON-RCRA NON DOT	1	DM	50	P	ID27		

14. Special Handling Instructions and Additional Information: 934073/-1/82202/227318 (1)VRB-21 Aluminum Paste used in Aluminum Paint (2)WB2-20 Graphite 3)-TWI-22 4) PC02-23 cobalt ACCTATE

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: RICHARD M. STARK — Signature: Richard M. Stark — Month: 12 Day: 20 Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Kevin Howard — Signature: Kevin Howard — Month: 12 Day: 20 Year: 07
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. H141 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Neil Gibson — Signature — Month 12 Day 20 Year 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD001233113	2	(908) 354-0210	001026848 JJK

5. Generator's Name and Mailing Address: Empire State Varnish c/o ESV
38 Varick Street
Brooklyn, NY 11222
Generator's Phone: (718) 388-5450

Generator's Site Address (if different than mailing address): SAME

6. Transporter 1 Company Name: CLEAN VENTURE INC. — U.S. EPA ID Number: NJ0000027193

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Cycle Chem Inc.
217 South First Street
Elizabeth, NJ 07206
Facility's Phone: (908) 355-5800 — U.S. EPA ID Number: NJD002200046

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1 Waste Paint 3 UN1263 PG III ERG# 128	30	D M	1650	G	D001		
X	2 Waste Paint 3 UN1263 PG III ERG# 128	13	D M DF	715	G	D001		
X	3 Waste Paint 3 UN1263 PG III ERG# 128		D M		G	D001		
X	4 Waste Flammable liquids, n.o.s. 3 UN1993 PG II (D001 D008 B) ERG# 128	1	D M	30	G	D001	D008	B

14. Special Handling Instructions and Additional Information: 934073/-1/822O2/227294 (1)IK-4 FLAMMABLE DRUMS/OIL -Paint Varnish - Liquid (2)UIK-19 Labpack of miscellaneous flammables and paint additives (3)UIK-19 Labpack of miscellaneous flammables and paint additives (4)R01-18 Yellow Dye

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X RICHARD M. STARK — Signature: X — Month: 12 — Day: 20 — Year: 07

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit: — Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] Hamed — Signature: — Month: 12 — Day: 20 — Year: 07

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H061	H061	H061	H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Alan Gibson — Signature: — Month: 12 — Day: 20 — Year: 07

EPA Form 8700-22 (Rev. 3-05). Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number NYD001233113	22. Page 2 of 2	23. Manifest Tracking Number 001026848 SJC

24. Generator's Name Empire State Varnish c/o ESV REMEDIATION, LLC
38 Varick Street
Brooklyn, NY 11222

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	(1) Chemical Process Solid Non-RCRA Non-DOT	1	DF	15	P	D027
	(2) Chemical Process Solid Non-RCRA Non-DOT	1	DF	30	P	D027
	(3) Chemical Process Liquid Non-RCRA Non-DOT	2	CW	400	P	D072
	(4) ~~NON RCRA~~ NON RCRA	1	DF	15	G	D072
	(5) ~~Chemical Process Liquid Non-RCRA Non-DOT~~		DM	5		D072
X	(6) ~~Waste Paint 3 UN1263 PG III~~ ERG# 128		DM	5		D001

(1)MB1-16 Ethyl Cellosolve Acetate (2)MB1-16 Para Tertiary Benzoic Acid (3)MB2-15 Pails of Water Based Paint (4)MB2-14 Poly Copper 8 (5)MB2-13 Non Haz Vegetable Oils (6)UIK-19 Labpack of aiscellaneous flammables and paint additives

GENERATOR

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name Kevin Howard — Signature — Month 1 Day 17 Year 08

34. Transporter _____ Acknowledgment of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

H061

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD001233113

Manifest Document No. 37169

2. Page 1 of 1

3. Generator's Name and Mailing Address
Empire State Varnish Company
38 Varick Street
Brooklyn, NY 11222
4. Generator's Phone (718) 388-5450

5. Transporter 1 Company Name
Freehold Cartage, Inc.

6. US EPA ID Number NJD054126164

A. State Transporter's ID

B. Transporter 1 Phone (732)462-1001

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Vexor Technology, Inc.
955 West Smith Road
Medina, OH 44256

10. US EPA ID Number OHD077772895

E. State Facility's ID

F. Facility's Phone (330)721-9773

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. *Petroleum Contaminated Soil Non-DOT Regulated Material	4	DM	220	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a) VEX1625

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: RICHARD M. STARK | Signature: Richard M. Stark | Date: Month 12 Day 19 Year 07

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael Brochon | Signature | Date: Month 12 Day 19 Year 07

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name: Tim O'Brien | Signature | Date: Month 01 Day 03 Year 08

NON-HAZARDOUS WASTE — GENERATOR — TRANSPORTER — FACILITY

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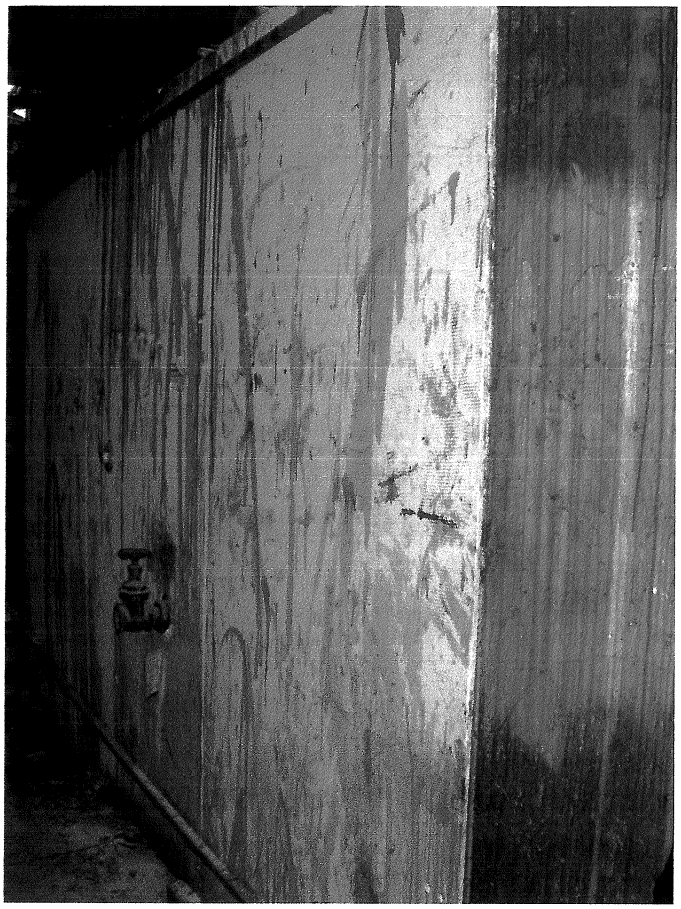
PRINTED ON RECYCLED PAPER USING SOYBEAN INK

PRINTED WITH SOY INK

Rev. 3/95

Appendix M

Selected Site Photographs



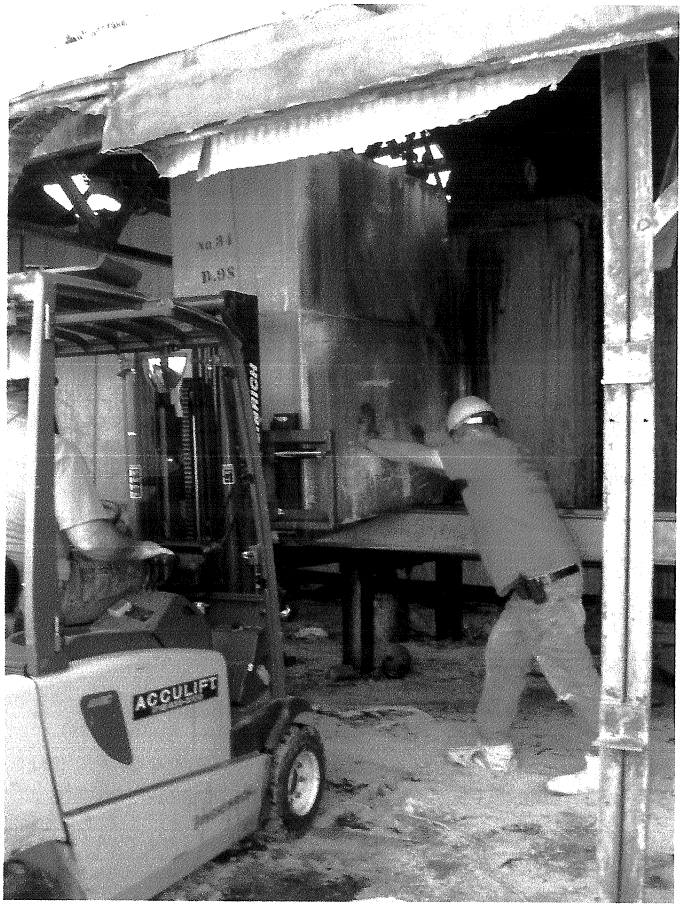
Suspect ACM panels previously located on tank identified as "G". Panels were removed prior to



Drum consolidation for off-site disposal pick up.



Cleaning of kettles for waste consolidation and disposal process.



Removal of aboveground storage tanks from Tank Room D.



Cutting and cleaning of the ASTs from Tank Room D.



Removal of tank sludge from the bottom of the ASTs for proper disposal.



Former piping associated with the USTs.



Breaking of the concrete encasements surrounding USTs.



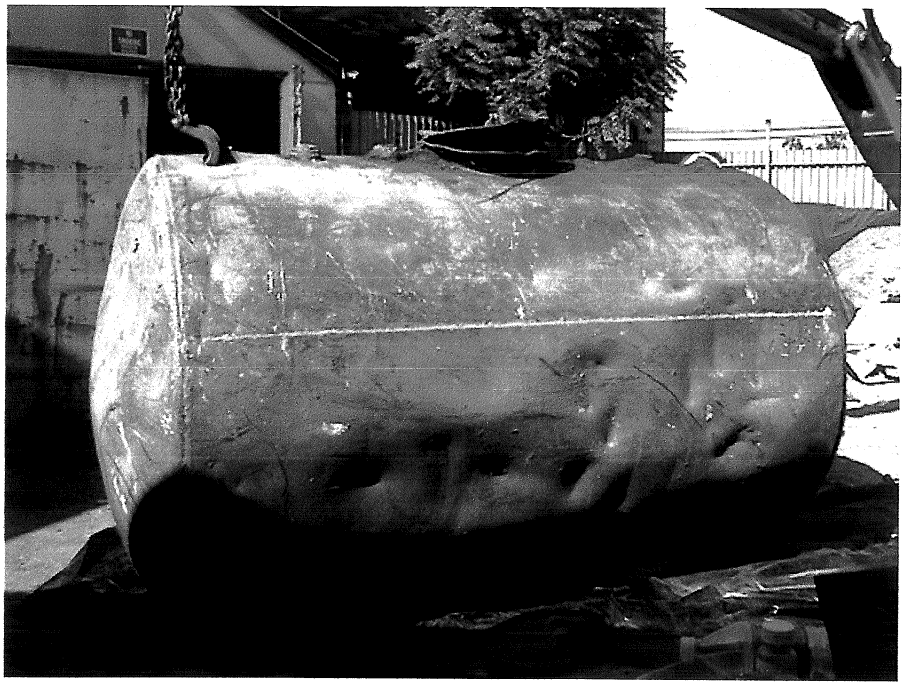
All tanks were cut and cleaned, sludge was collected in 55-gallon drums for proper off-site disposal.



A UST being removed that was not encased in concrete.



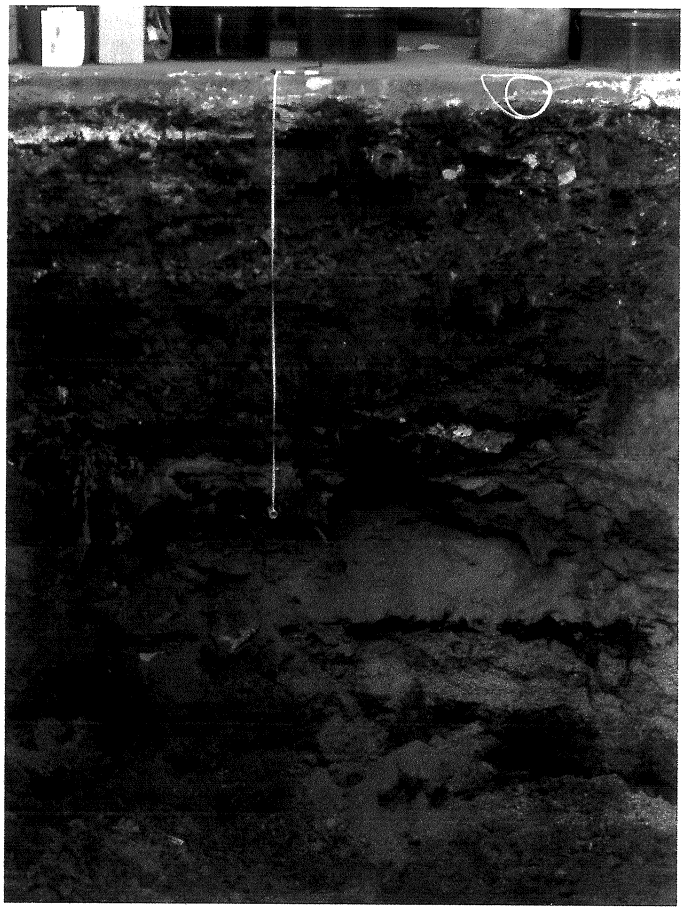
Additional small riveted previously unknown tank located and being removed from the excavation.



A UST being removed from its associated concrete encasement.



Soil stockpile adjacent to excavation awaiting off-site disposal.



Southern wall of eastern excavation adjacent to the southern side of former UST # 17.



Advancing eastern excavation bottom from 8-feet to 13-feet to retest for arsenic.

Appendix N

Pages from CA RICH Field Logbook

Location Varick St. Date 5/9/07

Project / Client Empire State Varnish

7° - VDW + SM on-site

goal: To install soil borings with Eastern Environmental Inc.

Meeting / Walk-through w/ EEES)

- Set up around GP-1

GP-1 - located in loading area on Varick Street

9:15am

Begin geoprobe at GP-1 after cleared for underground utilities.

Background Readings

PID: 0.0 0.8

FID: 0.0 0.0

outside inside Dock

915: Roux on-site

Location Date

Project / Client

→ GP-1 ←

Sample list

GP-1

Sample	Time	Location
• MS / MSD		loading dock
• GP-1 (3-4ft)	at 9:30	
• GP-1 (7.5-8ft)	at 9:30	(on hold)

0-3ft - No Readings 0.0

0-2ft No Recovery

2-5ft full Recovery

Medium. Sand light brown

5-10ft - No Readings

3ft Rec.

Similar - medium grain

No Readings on PID

74

Location GP 2 Date 5/9/07

Project / Client Mixing + Storage Rm

GP-2 - located in the Mixing and Storage Room
- Moving Geo probe 945 am

Samples	Time
GP-2 (3-4)	1015
Duplicate GP-X (3-4)	1020
GP-2 (8ft)	1025 (on hold)

- Begin Drilling at 10 am
- Complete at 1020
- Background
  - PID - 0.0 .2
  - FID - 0.0 1.1
  - outside inside
  - Room

Location Mixing + Storage Date 5/9

Project / Client GP-2

Log GP-2

0-5ft 0-2ft No Rec
- Concrete
- Dark brown / Black Soil Fill
- ~3ft high PID of 1.
- 2 in thick Dark Mostly fill

5-10ft 5-7 no Rec.

7-10 Asphalt, Brick, Concrete
- No Readings on PID
- Minor soil, light brown Medium grain

Location GP3 Date

Project / Client Varnish Coats house

10^{30} - Move to location in Varnish Coats house
Boring is moved to outside of roof due to low clearance

- Begin Drilling at 1040am
- Complete at

Sample ID	Time
GP-3 (0.5-3)	1045
GP-3 (8ft)	1050 - on rod

Background
PID: 00
FID: 0.0
Point is set aside

Location Date

Project / Client

Log

0-5ft
- No Readings
- 0-2.5 No Rec
- 2.5 - 5ft
  Asphalt, fill
  Med. grn brown soil

5-10ft - No Reading
No. Rec 5-7
7-10 Black Asphalt
fill
minor soil, Med grain

78

Location GP-4 Date 5/9/07

Project / Client Paint Mfg Dept

GP-4

Begin Drilling at: 11am

Complete at 0

Sample ID	Time
GP-4 (4.5ft)	1110
GP-4 (10ft)	1115 (hold)

submitted as per COC

Background

PID: 0.0

FID: 0.0

Location Date

Project / Client

Log

0-5ft - No Readings on P

0-2ft No Rec

2-3ft Asphalt, white(

3-5ft - Med grain

- light brown
- No Readings

5-10ft

5-8 - Med grn

low hits on PID ~1

8-8.5ft Med grain sand ~

low hits on PID ~

8.5ft - 9ft Clay layer ~3.0

9-10ft: 50.7 ppm hi

Med grain sand

light brown

Range in 9-10ft interv

(1) 30.0 (3) 37.3

(2) 41.3 (4) 50.7

80

Location GP-5 Date 8/9/07

Project / Client Storage Rm

GP-5

Begin Drilling at: 1130
Complete at: 1145

Sample ID:	Time:
GP-5 (4-5ft)	1130
GP-5 (10ft)	1145

Location GP-5 Date

Project / Client

0-5ft
0-2ft No Rec
2-3ft White Conc
3-5ft - Med grain Sand
- No hits on PID minor .2 ppm

5-10ft
5-6ft - No Rec
6-10ft - even med grain light Brown Sand
Sample at 10ft

Location _____ Date _____

Project / Client _____

GP-6 Storage RM B

GP-6 (4-5ft) 1155

GP-6 (10ft) 1200
Sumbited first run
as per DEC

Location _____ Date _____

Project / Client _____

0-5ft - No Readings
- Asphalt, bricks
- Medium grain soil

5-10ft
- 7-10ft high PID
from 37 to 8
- Medium grain
Sand

-37
-35
-30
-30
-50
-86.4

Location 39 Larch St. Date 9/10/07

Project / Client Empire State Varnish

1300 - LDW on-site
American on-site demo
building around ASTs
Vikram Pai as NYSDEC
rep from Ecology + Enviro

- Drop off roll off container for AST disposal

1500 LDW - off-site

To Do

9/11/07 - Complete set up, demo building walls around ASTs electrician will be on-site to ensure disconnect

- No site visit -

Location 39 Larch St Date

Project / Client Empire State Varnish

9/12/07

730 - LDW on-site for progress check

Note: Ed Hampston call SM about another project (message from Steve M. (No. 29)

→ First tank cut in half
~~#29~~ + cleaned filled ≈ 1.5 drums
- approx. 3 ft of varnish in tank, old layers
- tanks are extremly difficult to clean

← #28 cut + cleaned
≈ 2 ft of varnish
adhered to bottom

#27 cut + cleaned
≈ 2 ft of varnish

~~#30~~ cut + cleaned
#31
#32
#33 } on floor for tomorrow

Location 38 Varick St Date

Project / Client

- Steve Trifero (of exer2) .5hr
- Chris (Roox) .5hr
- Ed Hamster 1hr
- Vivek (NYSDEC) 3hr (on-site briefing)

- Vivek would like reports weekly summarize work recommends daily visits for code board to know what is going on.

- Smaller tanks are numbered #27 to #42

Location 38 Varick St Date 9/13/07

Project / Client Empire State Varnish

9:30 - Vow on-site
American on-site
cleaning #32 tank
#31

- Move tanks from rack #34 - 4ft full
#33

Begin to cut inserts to go to second row of tanks

Loop
- roll off removed another to be delivered

- Smaller tanks #27 to 42 to be finished 9/14
- Start next line of tanks (drops) Mon.

Location 33 Vreeland St. Date 9/18/07

Project / Client Empire State Varnish

7:30 - NW on-site for site update
- (4) American Enviro.
- All small UST's have been cut + cleaned
- Currently working on second row of 1,000 gallon tanks
- Cut-out beams to next row of tanks

Background PID = 7.0ppm
Inside tank = 30ppm
(work area)

- One solid small tank needs product to be chipped away, unknown substance
  - 6000ppm on PID inside
  - outside tank = 30ppm

Location _____ Date _____

Project / Client _____

8 - 1,000 gal tanks to be completed by 9am. 9/19 then start on large tanks

Vivek (518) 402-9812
Called for an update 1pm
Will be coming 9/19

- 4th load going to scrap yard today

126

Location 38 Varick St. Date 9/21/07

Project / Client ESV

7:30 - NDW on-site
- All smaller tanks have been disposed of (16)
- 1,000 gal cut + cleaned not all off site (3)
- 4 large tanks in process of being cut + cleaned.

8:30 - 9am - Steve T of Exxon on-site for update

Location 38 Varick St. Date 9/25/07

Project / Client ESV

7:00 NDW on-site
7:30 - American Env. on-site

- Last row of tanks being removed cut and cleaned (6)
- Largest tank 4,400-gal has been pulled out + cut
- One tank left in last row
- Other large tank has been cut + cleaned scrap is still on-site
- tanks on the side of shed is being cut from associated piping and removed from location today

1000 - NDW off-site

128

Location ESV Date 9/27/07

Project / Client 38 Varick St.

8:00 - VDW on-site for site update
American + Vikram on site
- All tanks including tank on side of shed have been cut, cleaned and disposed off-site
- American + ESV cleaning floor in shed + disposal of scrapings in drums
- 50 drums were disposed of by Clyde Iron on 9/26 afternoon pick up
- Begin breaking concrete above tanks
- Vac trucks on site to pump out lines associated w/ tanks

Location Date

Project / Client

130

Location 38 Varick St Date 10/1/07

Project / Client ESV

7:00 – Vow-on-site
- Amerson on-site (D)
- Vikram of Ecology + Env. on-site
- Chris of Roux on-site

8:00 – Health + Safety meeting + plan reviewed

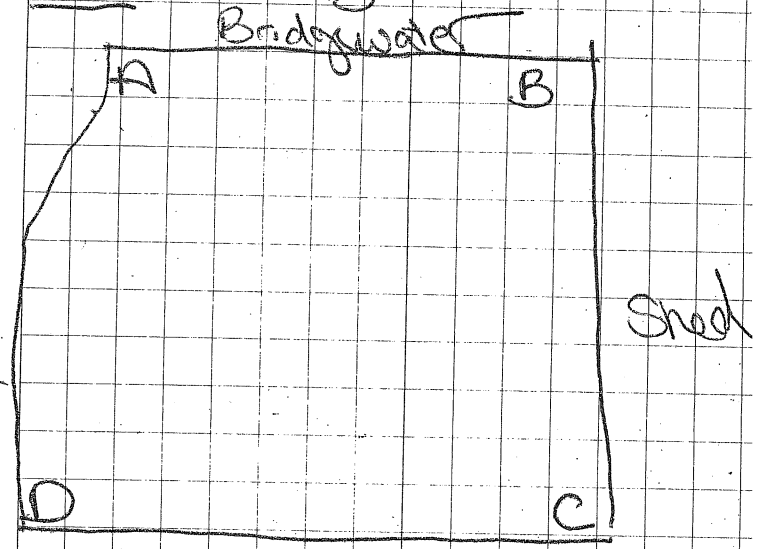
8:30 – Begin work breaking up concrete for the encased tanks

- Tank #3 high readings upto 250ppm in tanks
- Soil removed from above tanks has readings of upto 200ppm
- Tank #4 high Readings similar to tnk #3

Location _____ Date _____

Project / Client _____

Site - Monitoring



- Readings taken on the hour
  - See table on next page

132

Location 38 Lorick St. Date 10/1/07

Project / Client ESV

1000 S. Malinowski (Carlich)
D. Hershberg (American)
on-site

- Will take waste character sample to American analytical

1100 Begin breaching to concrete around tanks #3+4.

1130 Steve T. of Exxon on-site
off-site 1200

- KW+SM collect a waste sample to be delivered to lab this afternoon
- Sample also taken from highest reading on wall to identify product
  - 80/5, BTEX/MTBE
  Alcohol expand fingerprint

1200 - lunch
1530 - SM off-site

Location _____ Date _____

Project / Client _____

* PID / Dust / FID ppm/mg/m3/

	A	B	C	D
900	0.0 / 0.056	0.0 / 0.055	0.0 / 0.33	0.0 / 0.011
930	3.8 / 0.076	4.4 / 0.068	2.0 / 0.015	1.2 / 0.021
1000	0.0 / 0.031	3.3 / 0.061	0.0 / 0.61	0.0 / 0.51
1030	1.2 / 0.064	0.0 / 0.182	0.0 / 0.124	0.0 / 0.062
1100	0.0 / 0.13	0.0 / 0.09	0.0 / 0.49	0.0 / 0.151
1130	0.0 / 0.92	0.0 / 0.07	0.07 / 0.87	0.0 / 0.06
1500	0.0 / 0.124	2.0 / 0.077	0.0 / 0.31	0.0 / 0.0
1330	0.0 / 0.60	0.0 / 0.123	0.0 / 0.03	0 / 0.0
1400	0.0 / 0.74	0.0 / 0.125	0.0 / 0.52	/

*Note: See site plan for monitoring on previous page

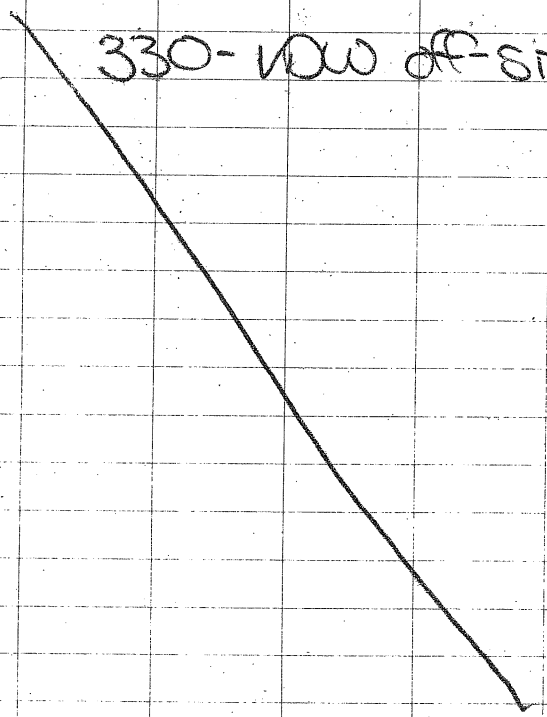
134

Location 38 Varick St Date 10/1/07

Project / Client ESV

245 - Tank #3 pulled and placed on poly-sheeting
- No evidence of leaks or holes.
- Breaking up concrete around Tank #4.

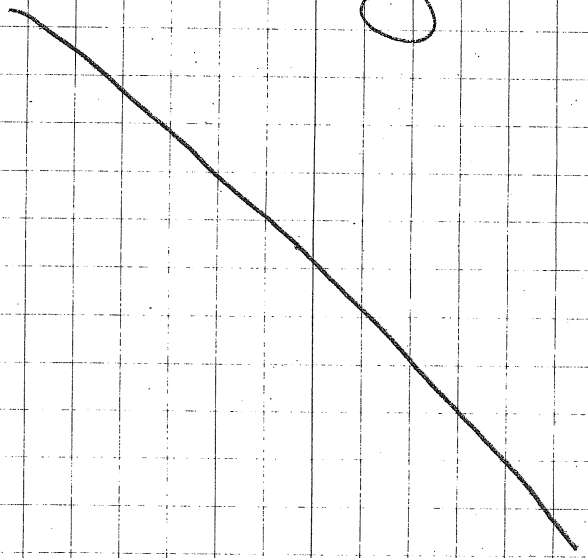
330 - Vac off-site



Location 38 Varick St Date 10/1/07

Project / Client ESV

Tank #3
- 550 gallons
- encased in concrete on (4) sides
- PID reading >1,000 ppm
- good condition, no signs of any leaks extreme corrosion, holes, rus
- concrete beneath tank is clean, white no staining



136

Location 38 Vanck St. Date 10/2/07

Project / Client Empire State Vanish (ESV)

Sunny, 75°, Clear

7:00 - VDW onsite w/ American

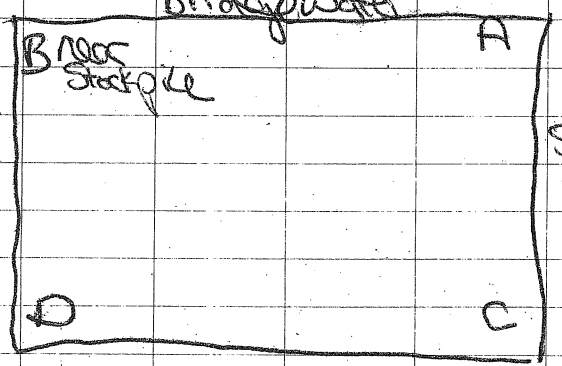
goal: • Roll 2 to 3 more tanks out of the first excavation
• First excavation is to include 5 tanks #'s 3, 4, 5, 1 + 2

7:30 - Vikram of Ecology + Env onsite

7:30 - Cut and clean tank #3 breaking up concrete around tank #4

Tank 3 exhibits elevated PID reading of 350ppm after cut open.

Monitoring locations



Location 38 Vanck St. Date 10/2/07

Project / Client ESV

Cont...

Monitoring 10/2/07

	A	B	C	D
7:30	1.1 / 0.121	0.4 / 0.118	1.9 / 0.176	1.3 / 0.064
8:00	8.0 / 0.088	0.7 / 0.30	3.0 / 0.060	0.7 / 0.075
8:30	10.2 / 0.154	2.3 / 0.104	3.5 / 0.201	0.0 / 0.117
9:00	4.7 / 0.007	2.7 / 0.000	2.6 / 0.003	1.1 / 0.000
9:30	2.3 / 0.163	2.8 / 0.106	1.2 / 0.009	1.6 / .00
10:00	1.2 / 0.035	NA blocked	1.0 / 0.008	0.8 / 0.0
10:30	1.0 / 0.122	NA blocked	1.2 / 0.087	0.8 / .12
11:00	0.3 / 0.039	NA	0.5 / 0.049	0.6 / 0.0
11:30	0.7 / 0.086	NA	0.7 / 0.018	0.6 / 0.104

12:00 Lunch

NA - Not Accessible blocked by back hoe

138

Location 38 Varick St. Date 10/2/07

Project / Client ESV

Cont...

7:45 Tank #4 pulled out breaking up concrete around tank #5

8:15 Tank #3 cleaned out filled one(1) drum with mostly soil that fell in during pulling.

8:30 Cut + cleaning tank #4 tank mostly filled w/ soil from removal (2 Drums)

9:00 • Pulled tank #5 tank being cut
• Breaking up concrete

9:30 • Breaking up concrete around tank #5
• Tank #5 cut + cleaned fill 1.5 drums w/ sludge

Location 38 Varick St. Date 10/2/07

Project / Client ESV

Cont...

Tank #4
- 550-gallons
- No evidence of leaks on concrete slab beneath tank
- No evidence of holes, corrosion, leaks on tank
- Was encased in concre on all sides
- PID reading in tank = 500ppm after pulled

Tank #5
- 550-gallon
- No evidence of leaks on concrete slab
- No evidence of holes, corrosion, leaks on tank
- Was encased in concrete
- PID reading in tank After pulled = 25ppm

140

Location 38 Varick Date 10/2/07

Project / Client ESV

Cont...

1230 - Still waiting on pulling tank #1

- Steve T of Exxon
- Vito? of Exxon
- Chris B of Nextel

stopped for 15 minutes for lon update

- Back up concrete around tank #1 and tank #2
- Tank #1 not moving stopped work at 3pm unable to move tank #1

330 - KDW + American (3pm) off-site

Location 38 Varick St. Date 10/2/07

Project / Client ESV

Cont... (.7 background)

	A	B	C	D
1230	.7 / 0.002	.9 / 0.077	.9 / 0.070	.8 / 0.119
100	0.8 / 1.92	0.5 / 1.978	.6 / 0.094	.7 / 0.1
130	.4 / 0.316	NA	.7 / 0.035	0.5 / 0.1
200	0.5 / 0.069	NA	0.5 / 0.0	0.5 / 0.03
230	.6 / .201	NA	.5 / 0.021	0.5 / .5

142

Location 38 Varick St Date 10/3/07

Project / Client ESV

Cloudy, 70° Slight drizzle

7:00 – VOW + American (3 people) on-site

7:30 – Begin breaking up concrete around tank #1

- Roll off is dropped off to dispose of concrete + scrap from around tanks
- New operator on-site to assist with tank removals

8:30 – SM + SO of CA Rich on-site

9:00 – Tank #1 is out of concrete and pulled

- No evidence of holes extreme corrosion, broken cement
- Soil under concrete to be exposed + sampled
- 2ft thick encasement around
- 1,500-gallon

Pit Bump

9:30 – Vink-NYSDEC on-site
Vikram – ESV on-site
Chris B – Root on-site

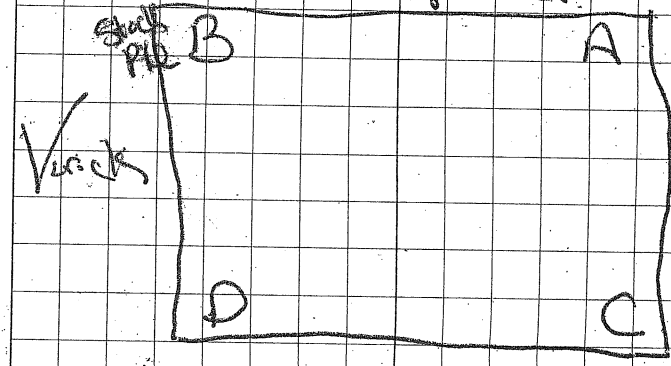
Location 38 Varick St. Date 10/3/07

Project / Client ESV

Monitoring

	A	B	C	D
7:30	.2 / 0.065	.3 / 0.071	.3 / 0.060	.3 / 0.054
8:00	.5 / 0.042	.3 / 0.055	.2 / 0.049	.2 / 0.046
8:30	.2 / 0.062	.3 / .469	.3 / 0.32	.2 / 0.061
9:00	.5 / 0.062	.4 / 0.052	0.6 / 0.057	.2 / 0.811
9:30	0.7 / 0.075	.7 / 0.057	.4 / 0.041	.3 / .246
10:00	.4 / 0.062	NA	0.4 / 0.060	.5 / 0.579
10:30	.5 / .201	.6 / .343	.5 / 0.75	.6 / 0.044

Bridgewater



144

Location 38 Varick St Date 10/2/07

Project / Client ESV

9:30 • Begin to cut + clean tank #1
• Begin to break concrete around tank #2
• Tank #1 PID between 10-5 ppm

10:30 30+SM off-site for day
• Tank #1 Cleaned out filled 2 1/2 Drums
• Still working on tank #2

1100 Steve T of Exxon & Fisher of Exxon on-site for an update

1115 loading roll off to clear site for more work space

1130 • Roll off left site w/ four (4) tanks + piping
• Prep to remove concrete

Location 38 Varick St Date 10/2/07

Project / Client ESV

Monitoring
(same location Map previous p

1100 (a/NA)(b/NA)(c/1.3)(D/NA)

1130 (NA)(NA)(.7/.549)(.5/.54

1200 Moving tanks no readi
for truck disposal

1200 Lunch —
then will remove concrete

1245 — Begin loading conc
in roll off container

100 (1.8/0.138)(NA)(1.9/0.018)(2.0/0.07

130 — lab Results concrete removal

200 (.233)(.4/.464)(1.5/.362)(.7/0.47

230 (.054)(.8/.347)(.5/.392)(.5/5.0

146

Location 38 Varick St Date 10/3/07

Project / Client ESV

200 Screened soil on west wall on west side of tank #1
PID = 30 ppm
FID = 0.0

200 Switch from bucket to hammer to try to remove tank #2.

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Error codes are used to explain common mistakes and are written above or close to the mistake. Commonly used error codes include:

RE	Recording Error
CE	Calculation Error
TE	Transcription Error
SE	Spelling Error
CL	Changed for Clarity
DC	Original Sample Description Changed After Further Evaluation
WO	Write Over
NI	Not Initialed and Dated at Time of Entry
OB	Not Recorded at the Time of Initial Observation

Note: Error code should be circled, dated, and initialed when recorded.

Hazard Classifications

Class 1 Explosives
Class 2 Gas
Class 3 Flammable Liquid
Class 4 Flammable Solids (Potential spontaneous combustion, or emission of flammable gases when in contact with water)
Class 5 Oxidizing Substances and Organic Peroxides
Class 6 Toxic (poisonous) and infectious substances
Class 7 Radioactive material
Class 8 Corrosives
Class 9 Miscellaneous dangerous goods

Container type abbreviations (for sampling guidelines

BR - Boston Round • ABR - Amber Boston Round • AJ - Amber Jug
AWM - Amber Wide Mouth • Poly - Polyethylene Bottles • BOD - Bottle
CWM - Clear Wide Mouth

CONTENTS

PAGE	REFERENCE	DATE

Location 38 Varick St. Date 10/4/10

Project / Client Empire State Varnish

Cloudy 75°

7:00 - VDW on-site
American on-site
goal: Sample excavation #1
including tanks
1, 2 (9,500-gallons)
3, 4, 5 (550-gallons)
• western most excavation

Samples to include
4 sidewalls
+ 1 bottom
per every 15 linear ft.
in accordance w/ DER 1(

8:00 - S. Malinowski on-site

4

Location 38 Varick St. Date 10/4/07

Project / Client ESV cont.

Sample list plus description

Bottom #1

Location: base of excavation on the southside below tanks 1+2 (between)

PID Reading: .7 ppm = to Background

Description
- Fill
- 14ft deep
- Ash
- heavy organic layer

(1) **Sample**

Field Blank – 5 Jars

(2) **Bottom #1 (13ft)**

Sampled at 915

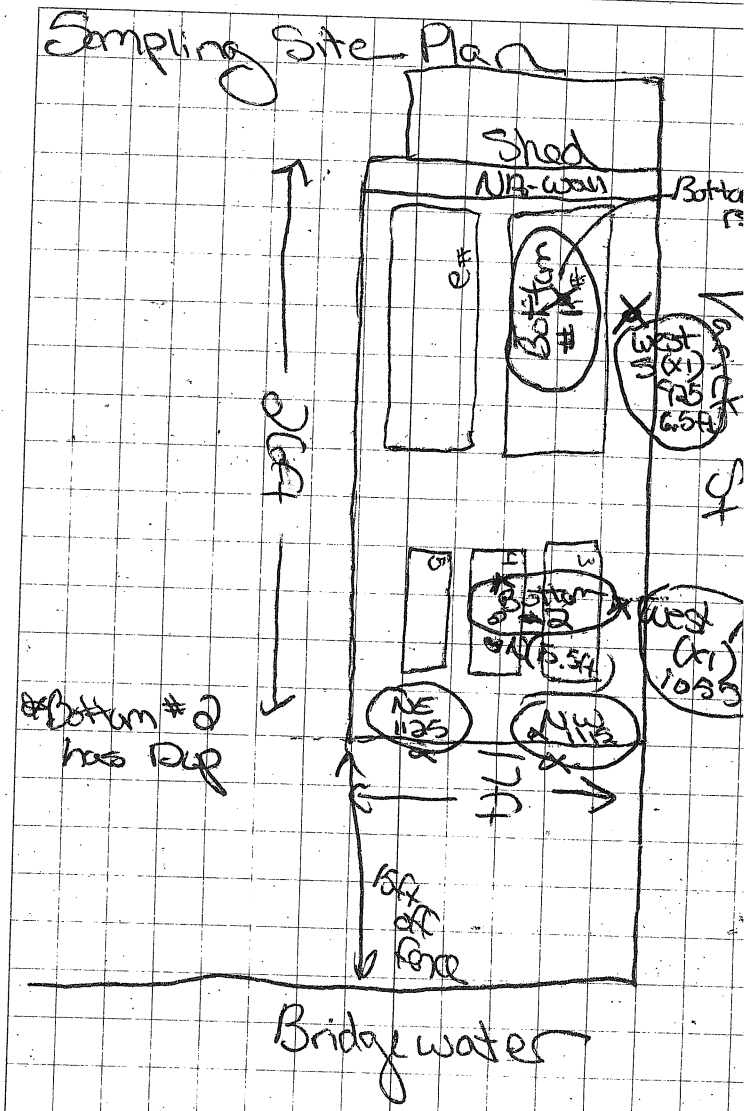
light brown medium grain

PID = background

Location 38 Varick St Date 10/4/07

Project / Client ESV cont...

Sampling Site Plan



Bottom #2 has Dup

6

Location 38 Varick St Date 10/4/07

Project / Client ESV

(3) West S Wall (X1)

- Medium grain
- Brown / Black mix
- PID = background 1.0 ppm at 6.5ft

- 9:05 sampled

(4) MS / MSD from West S Wall (X1) taken at 930/935

from above

(5) Bottom #2 (11 ft)

- located Northern bottom side under tanks #3, 4 & 5

Depth = 11ft

PID = 10.00

Description:

- Black, med grain, wood
- Odor

Dup Collected

* Sample list continues on pg 10

Location 38 Varick St Date 10/4/07

Project / Client ESV

Excavation #1 description

- 2ft - fine light brown
  Sampled previously as West Wall
  PID = 250 ppm
  FID = 170 ppm

2ft - 12ft

Darker medium grain
Fill
PID = 600's high

12 - 13.5ft

- light brown
- Medium grain

13.5 - bottom

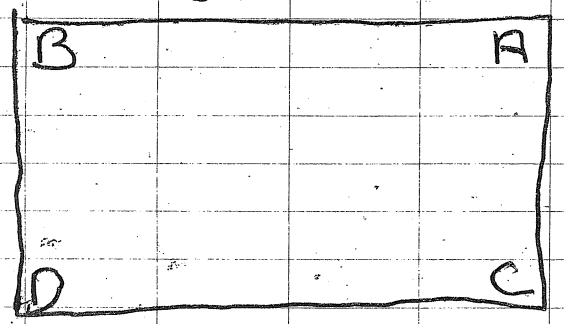
- Fill of ash, cinders large assortment of shells pebbles

Location 38 Varick St Date 10/4/07

Project / Client ESV

Monitoring locations

Bridgewater



tracking table →

Location 38 Varick St Date 10/4

Project / Client ESV

Perimeter Monitoring Sheet

Time	(A)	(B)	(C)	(D)
	• Sampled first thing no perimeter reading			
9:30	(.7 / 0.308)	(NA / Roll off)	(.8 / 0.178)	(.6 / 0.1
10:00	(.8 / 0.154)	(NA / ")	(.7 / 0.164)	(.6 / 0.15
1:30	(.7 / 0.116)	(NA / ")	(.7 / 0.76)	(0.9 / 0.05
11:00	(Sampling)			
11:30	(.5 / .131)	(.5 / .416)	(.7 / 0.088)	(.5 / 0.0
12:00	(.6 / .250)	(NA / Roll off)	(.7 / .507)	(1.0 / 0.35
12:30	Lunch Break			
1:00	(.6 / .515)	(NA / ")	(.7 / .359)	(.6 / 3
1:30	(NA)	(NA)	(.4 / 0.115)	(.7 / 0.
2:00				

10 Location 38 Varick St. Date 10/4/07

Project / Client ESV

Cont... Sample log / Description

(6) West Wall N (X1)
- Collected at 1055
- PID = .8 background = .7
- Depth = 6.8ft

Description
- Med grain
- Brown/Black
- No odor

(7) North Wall West (X1)
Depth 6.5ft
- Collected at 1115
- PID = 1.2 ppm
  .4 background

Description
- tan medium grain

Location 38 Varick St Date 10/4/07

Project / Client ESV

(8) North East Wall (X1)
Collected at 1125
Depth: 6ft
PID: 4.1 ppm
background .7

Description
- Tan Med grain soil
- Pebbles assorted sized

North side is closest to tanks 3, 4, 5

Sampling Excavation #1 completed

LBG SM - off site with samples to ship to lab

12 Location 38 Varick St Date 10/4/07

Project / Client ESV

Cont...

1130 - Lining bottom of excavation to get a good estimation for soil removal
- SM - will work on acceptance to a facility for soil today 10/4

Notes:

South Wall - can not break concrete encasement due to structure stability of shed.

West Wall - can not go closer to fence currently ≈ 1 ft. away

East Wall - more tanks no wall

North Wall (2) Samples were collected ≈ 6ft BG

Location 38 Varick St Date 10/4/07

Project / Client ESV

Cont...

1145 - Removing broken concrete, breaking up more concrete around tank #2

1200 Tank #2 moved out of ground will cut + clean after lunch

Tank #2 Description - cont.
- 1,500-gallon tank (Pol
- Steel
- Encased on all sides in 2ft thick concrete

Lunch Break

100 Loading roll off of concrete, and roll off for UST encasement

140 Tank #2 pulled out of excavation

14

Location 88 Vanick St Date 10/4/07

Project / Client ESV

Tank #2

- Pulled 1400pm
- Steel in good condition No signs of corrosion, holes or leaks

- PID inside tank = 20.8ppm
- Oxy = 20.84
- FID 20 ppm

Inside cleaning drum

total =

Location Date

Project / Client

16

Location 35 Varick St. Date 10/15/07

Project / Client Empire State Varnish

7:00 - VOW + American on site
3 Trucks on-site for soil removal

7:30 - Excavator ready for removal, truck backed in 1st attempt to load trucks
- Moving concrete

9:00 - Dig to clean soil beneath ash
- 11.5ft ash cinder
- 11.5ft to 15ft
  - black soil PID=100 ppm
  - 15ft light brown fine even grain sand
    PID= 6000ppm

Sample taken at 9:45 am

Bottom North side excavation #1

ID: Bottom North 15.5ft

Location _____ Date _____

Project / Client _____

Truck #1
License # AK7690 NJ
out at 3:15 pm
Manifest # 2560

Truck #2
AJ5437K NJ
out 9:15
Manifest 24520

Truck #3
AL453A
out 12:20 pm
Manifest 23960

Truck #4
AK9945
out 1pm
Manifest # 3950

18

Location 38 Varick St. Date 10/15/07

Project / Client ESV

1000 Begin to backfill to one-foot below ash until additional trucks arrive on-site (20yds in)

- Cut + clear tank #2 -2 Drms filled

1130 Another 20yds of backfill arrive on-site -Truck 3 out 1220

1230 – lunch

– load 4th truck

1pm 4th truck out 115pm

145 – 3rd truck backfill (total 60yds) today

- Removed tank #2 + concrete

Location 38 Varick St Date 10/15/07

Project / Client ESV

- End of Day Summary
  - 4 trucks loaded total
  - 3 trucks of backfill used on excavation #1
  - Tank #2 removed
  - filled 2 Drums
  - Sampled 10-bottom 15.5A

20

Location 38 Varick St. Date 10/16/07

Project / Client Empire State Varnish

7:00 – VDW + American Env. (3) on-site

7:30 – Begin to break up & remove bottom concrete from under tank #2

7:45 – 20 yds of clean fill delivered to site, for filling excavation #1

8:00 – 20 yds of clean fill delivered to site
40 yds total this morning

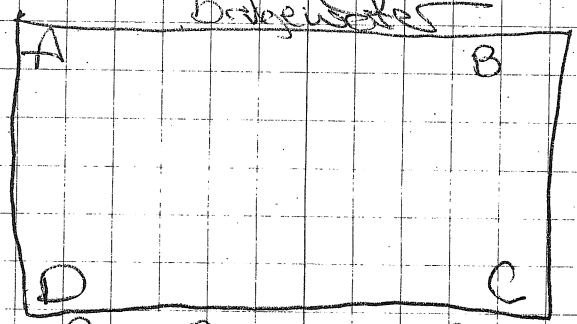
9:00 – 20 yds of clean fill delivered to site
total today 60 yds.

9:15 – 20 yds of clean fill
total today 80 yds

Location 38 Varick St Date 10/16/07

Project / Client ESV – Remediation

Perimeter Monitoring PID / dust



	A	B	C	D
8:00	0.0 / 0.076	0.0 / 1.01 (q.int. pic)	0.1 / 0.062	0.0 / 0.060
8:30	0.0 / 0.011	0.0 / 0.012	0.0 / 0.002	0.0 / 0.122
9:00	(truck N/A)	0.000 / 0.000	0.1 / 0.040	
9:30	(0.0 / 1.198)	(0.1 / 0.790)	(0.0 / 0.867)	(0.0 / 1.395)
10:00	(Truck N/A)	(0.0 / 0.029)	(0.0 / 0.275)	

Breaks for scoop new tanks PID

11:30 – NAT call excavator (0.6 / 1.566) (0.1 / 1.233)

22

Location 38 Varick St. Date 10/16

Project / Client ESV

West Wall Samples
≈ 1.5ft off wall
2.5ft below grade

2 Samples

(1) West Wall N (X1.2)
PID ≈ 75 ppm
Tan med grain
tightly packed

(1) West Wall S (X1.2)
- PID ≈ .3 ppm
- Tan Med grain tightly packed

- Samples are taken as close to wall as possible with out jeopardizing the structure.
  - Wall was falling as excavation moved closer to wall

Location 38 Varick St Date 10/16

Project / Client ESV

1000 20yds more clean fil
total 100yds toda

10[15] 20yds. more clean fill
total = 120yds today

11[30] Begin to break up concrete around tanks
ID ≈ 12 + 13

* New plan -
take all concrete flooring off-site above all tanks
Begin at 11[30] am

24

Location 38 Vorick St Date 10/16/07

Project / Client ESV

Excavation

- Begin w/ tanks #12+13

Soil

- black strong petro odor
- exhibits PID high of 350ppm

Drums

2 Drums found west of tank #12

* Unable to move tanks 11+12 because tank ends are under AST Room

- Removing tank #6 at 130
  - Size = 1,500-gal
  - Not encased in concrete
  - Tank is in good condition, no evidence of leaks on tank body
  - Piping associated with tank is corroded.

Location 38 Vorick St. Date 10/16/

Project / Client ESV

- Soil is beginning to get stockpiled to enable tank removals
- Soil will be put back in whole after tanks are removed until tracking

Perimeters .5 Background

	A	B	C	D
100	0.6 / 1.121	0.5 / 1.130	0.5 / 1.155	0.5 / 1.125
130	.9 / .026	.8 / .052	.8 / .047	.6 / .056

Sight corners are not safely accessible for perimeter monitoring

- Outside of gate

	Dust	PID
22	.536	.5

26 Location 38 Varick St Date 10/16/07

Project / Client ESV

Tank #6 cont...

- Base of excavation has black soil PID range from 25-60 ppm

2" Break peerless complained of tremors in building Switching from bucket to ~~[illegible]~~ Hammer to help eliminate vibrations

2:30 Begin to break up concrete encasements around tanks ~~#11~~ #12+13

- Tank #13 removed
- Tank #12 removed
- Tank #11 removed

Location 38 Varick St Date 10/16/0

Project / Client ESV

Tank #12

- 550-gal
- Encased in concrete
- Tank is in good condition No signs of leaks at tank Base
- lines corroded
- Soil above tank high locs on PID

Tank #13

- 550-gal
- Encased in concrete
- Tank has no signs of leaks
- Pipes associated are corroded
- Soil above exhibits high PID

28

Location 38 Varick St Date 10/16

Project / Client ESV

Tank #11

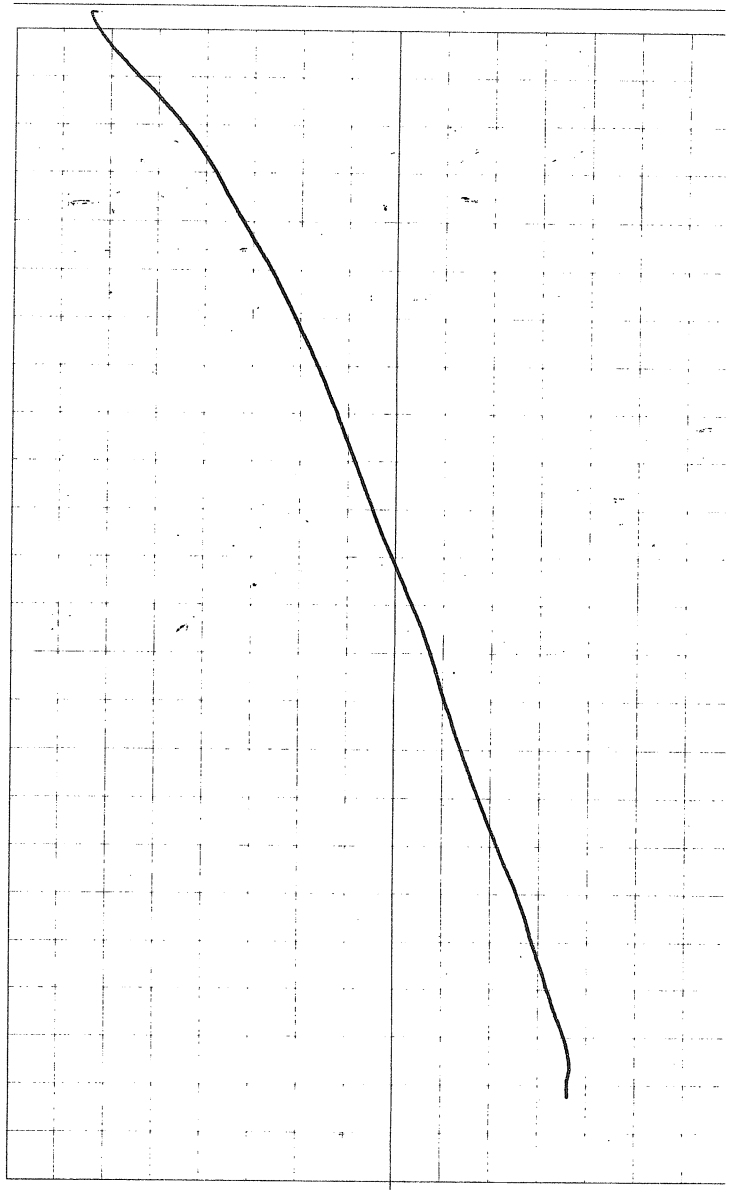
- 1080-gal
- Not encased in concrete
- Tank is in good condition
- Associated pipes are rusted and corroded
-

Note:

- Spoke to Steve Sardess of Allied to have (1) truck in morning on 10/17/07 to do (2) loads

Location Date

Project / Client



32 Location 38 Varick St. Date 10/17/07

Project / Client Empire State Varnish

Cloudy

7:00 KPW-on-site
American on-site

7:30 - Begin to load out (1) truck of soil from tanks pulled on 10/16

Truck License # AJ990L NJ
Manifest # 46601
Destined for Clean Earth of philly
- Will do round trip

Loaded from 7:30 - 8:00 am

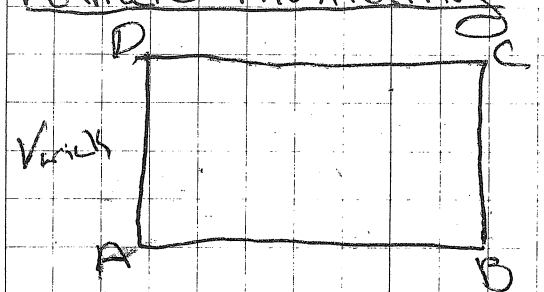
8:15 Loading concrete from tank on 10/16 into roll off for disposal

9:00 - Vikram (DEC) on-site

Location 38 Varick St. Date 10/17/07

Project / Client ESV Remediation

Perimeter Monitoring



(PID Dust

	A	B	C	D
7:30	.2 / 0.156	.1 / 0.87	1.3 / 0.207	.5 / 0.172
8:00	.9 / .256	.8 / .271	1.0 / 0.623	1.1 / .373
8:30	.8 / .149	.3 / 0.100	.8 / .170	(NA loading
9:00	1.0 / .195	1.1 / 0.172	1.7 / .149	1.5 / .300
9:30	.8 / .146	.3 / 0.186	.8 / .163	1.6 / .03
10:00	NA tank	.8 / .088	1.2 / 0.213	1.0 / .30

34

Location 33 Varick St. Date 10/17

Project / Client ESI Remediation

9⁰⁰ Rewetting site
- Pull tanks to location for cutting and cleaning
- Put rest of soil in whole for more room until excavation
- Breaks up more concrete for disposal

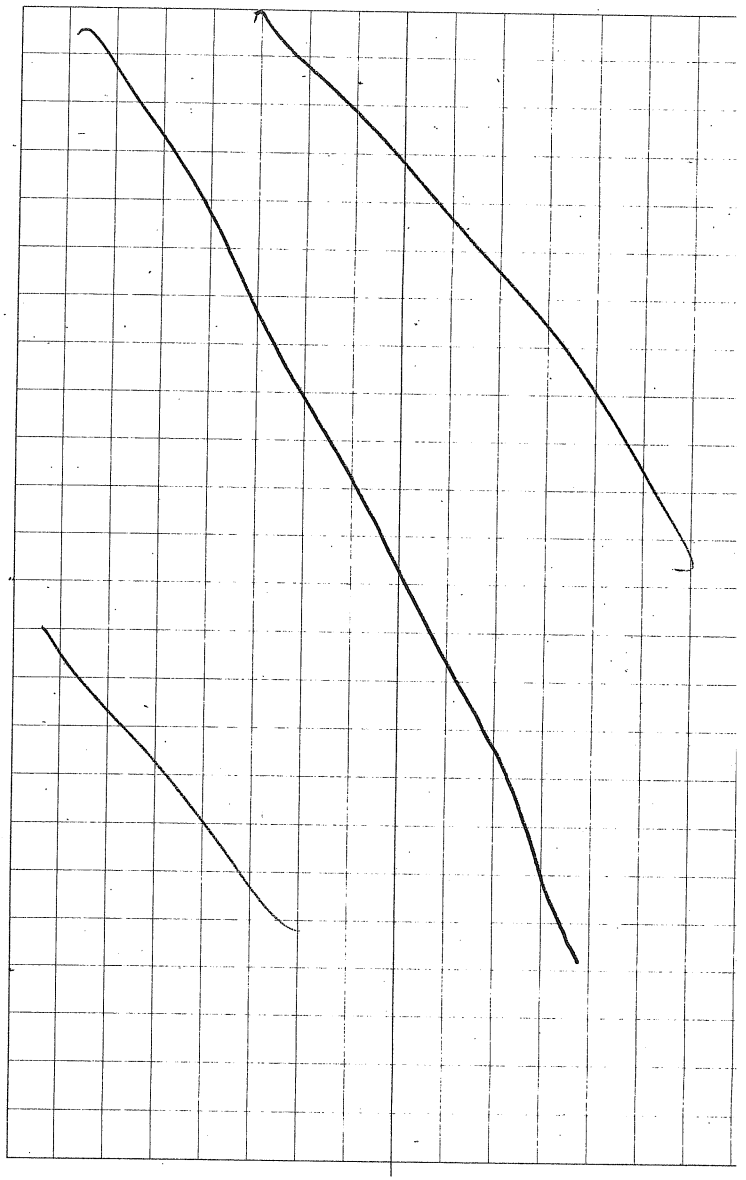
10⁰⁰ loading 2nd truck w/ concrete for disposal

11¹⁵ row off-site Excavator water pump broken

- After I left from site one truck of Scrap was removed from site w/ (1) 5500-gal (1) 1080-gal

Location _____ Date _____

Project / Client _____



36 Location 38 Varick St Date 10/18/07

Project / Client ESV - Remediation

8:30 - VDW on-site
American on-site
Maintance guy for excavator on-site

- Note a 550-gal either 12 or 13 had a whole in bottom, noticed only after tank was cut + cleaned

Chris Roux
#516-250-0350
Asbestos samples due Mon.

Mitchell - Sherlyn
(401) 732-3400
COC questions

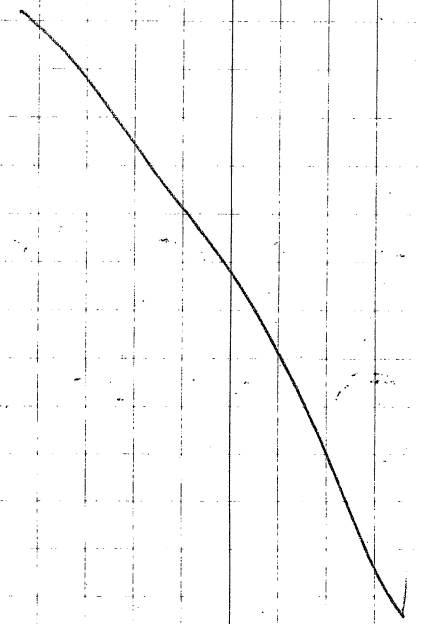
12:00 Begin clearing above tank #10 for removal

12:15 Lunch

Location 38 Varick St Date 10/18

Project / Client

- No way to tell which one had a whole due to it was noticed after cut + cleaned
- Both tanks were encased in concrete and the concrete looks clean



38

Location 38 Varick St Date 10/18/07

Project / Client ESV - Remediation

1045 - Begin to pull Tank #10

- 1080 - gallon
- Not Encased in Conc.
- Corroded / Rusted tank
- Pipes are corroded + Rusted through - Removed at 1pm

Soil Beneath tank #10

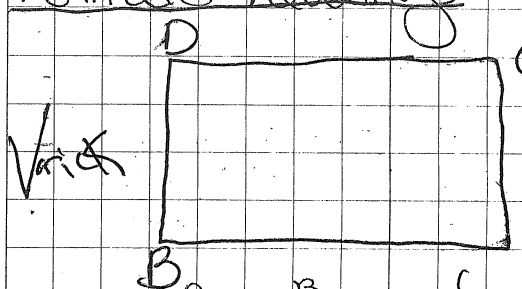
- Screening
- base of tank is at eight feet along tank room wall

- Screen at 8ft
  - Dark brown / Black Med grain soils
  - 30ppm soil 1.0 Background 75ppm inside tank

Location 38 Varick St. Date 10/18/07

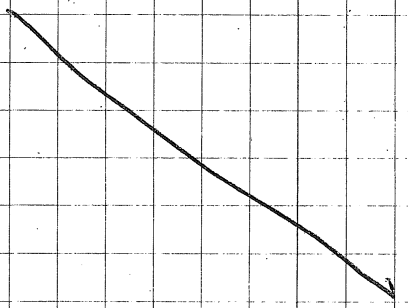
Project / Client ESV

Perimeter Readings



1.0 backg

	A	B	C	D
P^{00}	1.0 / 0.89	1.0 / 0.395	1.0 / 0.318	1.0 / 0.309
P^{30}	1.0 / .044	2.0 / .054	(NA Machine)	(NA machi
P^{00}	1.0 / .396	2.0 / .212	NA	NA
P^{36}	—	NA	—	—



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Location 38 Varick St Date 10/18/07

Project / Client ESV

Tank #9

- 1080-gallon
- No encasement
- Corroded + rust
- Associated piping is rusted through
- No visible holes or leaks

Soil Beneath tanks

- Base of tank grave at 8ft.
- Soil screening
  - Background = 1.0ppm
  - Soil = 3.2 ppm
  - inside = 45ppm

Bottom

Piled 1-20 pm

Location 38 Varick St Date 10/18/07

Project / Client ESV

Tank #8 base is concrete

- 1,500 gal
- Not encased in concrete
- Corroded + rust
- No visible whole or le

Soil Beneath tanks

- Base of grave 8ft
- Soil Screening
  - Background = 1.0
  - Soil = 2-5ppm
  - inside = 50ppm
  - PID soil under slab
  - Bottom sample = 200ppm

Note tank 8 has concrete bottom at 8ft

*Soil screen was from around = 2-5ppm

42

Location 38 Varick St. Date 10/18/07

Project / Client ESV

2:00 Begin to cut + clean all pulled tanks including 10, 9, 8

2:45 - off-site cutting open tanks

Location 38 Varick St Date 10/18/0

Project / Client ESV - Remediation

Tank 14

- 550-gallon
- Encased completely in concrete
- Pipes rusted / corroded
- tank No visible signs of leaks or holes

Soil beneath - concrete

- Black / Dark brown Med grain
- Ash
- PID

Beneath = 5-10ppm

in tank = 35ppm

Background = 3.5ppm

44 Location 38 Varick St Date 10/19/07

Project / Client ESV Remediation

7^{30} - On-site

- American already on-site cutting tanks from yesterday
  - 14, 8, 6, 9 & 10

9^{00} - Vikram (DEC) on-site

Goal: Get all tanks out of grave ready to be cut + cleaned

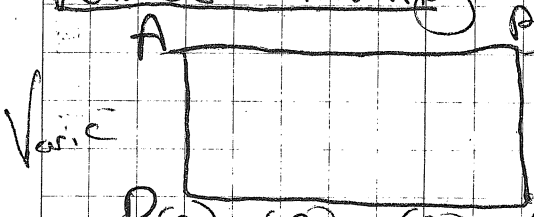
- Prepare site for excavation of soil for disposal and sampling
- 6 people onsite

10^{30} - loading off a roll-off of concrete from concrete excavations

Location 38 Varick St Date 10/19/07

Project / Client ESV Remediation

Perimeter Monitoring



Background 5.0 ppm

		(A)	(B)	(C)	(D)
7^{30}		5.0 / 0.000	5.0 / 0.001	5.0 / 0.000	5.6 / 0.123
8^{00}		7.0 / 0.000	7.2 / 0.000	5.6 / 0.000	6.9 / 0.003
8^{30}		7.2 / 0.001	6.5 / 0.000	6.0 / 0.000	6.0 / 0.000
9^{00}	NA	4.5 / 0.121	4.3 / .360		4.0 / 0.203
9^{30}	NA	4.1 / 0.114	4.1 / .985		3.7 / 0.385
10^{00}	NA	3.5 / 0.004	3.4 / 0.096		0.073 5 / 4.0
10^{30}	NA	3.9 / 0.013	3.4 / 0.080		2.9 / 0.000
11^{00}	NA	2.5 / 0.048	2.7 / 0.012		2.6 / 0.009

Location 38 Varick St Date 10/19/07

Project / Client ESV - Remediation

10^35 = Begin breaking up concrete around 3-550gal tanks
10 #'s
15, 16 & 17
(in # order)

10^50 - Tank #15 Pulled to be cut + Cleaned

Tank 15 Description

- 550-gallon
- Encased in concrete
- Tank is in good condition
- Pipes are corroded
- tank is filled with liquid

Note: - Mobing a vac truck

Location 38 Varick St Date 10/19/07

Project / Client ESV Remediation

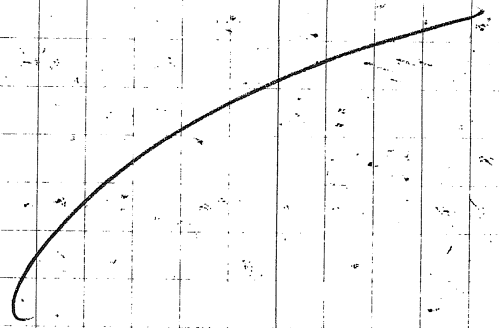
Continued Perimeter Monitoring

11^35 ~~A 0.000 (N/A)~~ B 4.5/0.000 C 4.0/0.000 D 4.7/0.000

12^00 Lunch

- hard Rain no dust readings

11^30 - S. Malinowski onsite



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Location 38 Varick St Date 10/19

Project / Client ESV

Note:

- About 2 feet below grade surrounding the 550-gallon tanks is a
  - 3-4 inch layer of a white clay/powder
    - unable to identify
    - PID powder ≈ 50 ppm

11:00 Begin breaking up concrete around tank #16

11:30 - Tank #16 pulled
- Encased in concrete - 550-gallon
- No visible whole - corroded pipes

Location 38 Varick St Date 10/19

Project / Client ESV

900 ppm

- White + Red Clay = 1800 ppm
- extreme Dark Black = 325 ppm
  FID 400 ppm

12:30 - a small steel possible dam was located next to tank #17

1:45 - Tank #17
- 550-gallons
- encased in concrete
- No visible holes
- Pipes corroded

3:00 - Roll off of concrete leaves site

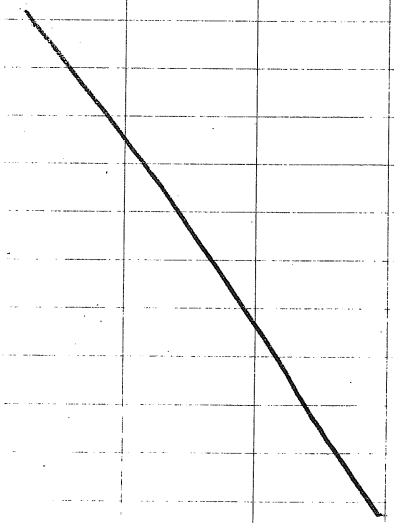
3:15 - S. Malinowski
- Vac-truck on-site to pump liquids out of 550 tank #15

50

Location 38 Varick St. Date 10/19

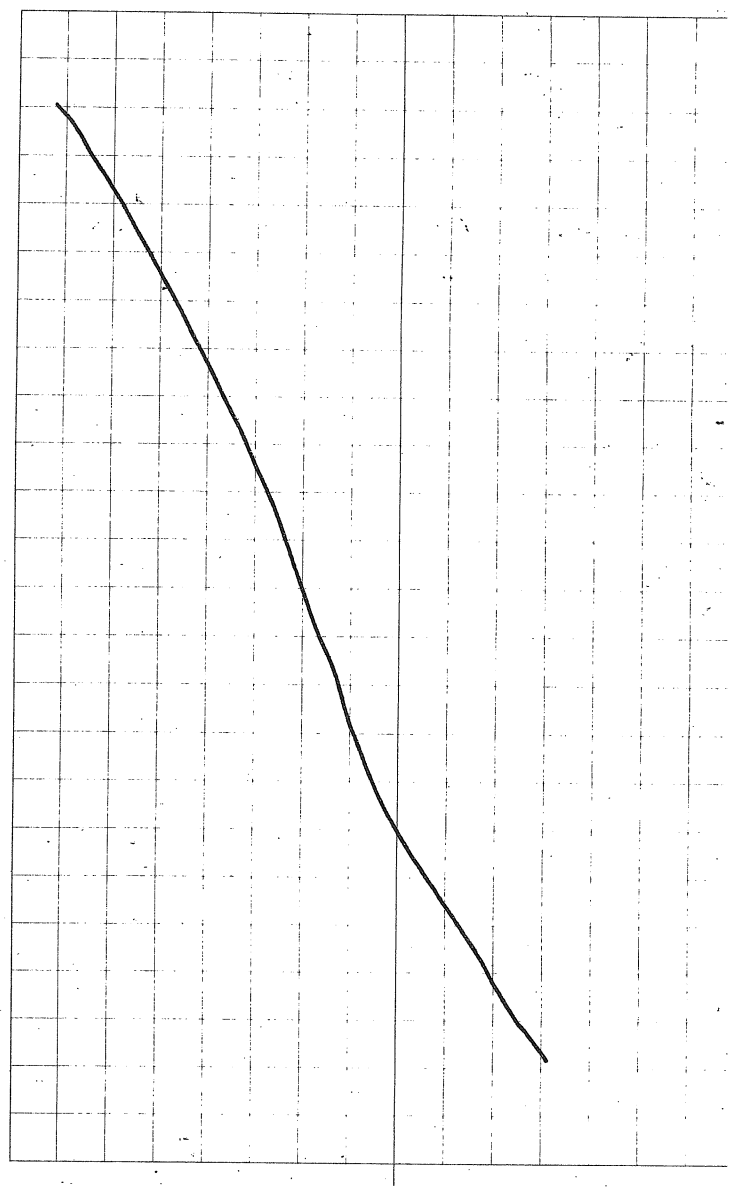
Project / Client ESV-Remedial

2nd - Tank #7 Pulled
- Not encased
- 1,500-gal
- In good condition
- Piping is corroded



Location _____ Date _____

Project / Client _____



52

Location 38 Varick St Date 10/22/07

Project / Client ESR-Remediation

7:00 - VOW onsite (4) w/ American Environmental

7:30 - Begin to cut and clear tanks pulled on friday 10/19/07

[redacted]

- Tanks all cleaned, cut and disposed of
- Removed lines towards main building
- Removed one pump
- Dug Southside of excavation to 13 feet.
- Removed manifold from bridgewater side of property

Location _____ Date _____

Project / Client _____

- Will continue excavation and endpoint sampling in morning

3pm - VOW off-site

54

Location 38 Varick St. Date 10/23/07

Project / Client ESV Remediation

7[00] – VOWS + American (2) on-site

7[30] – loading trucks

1. Manifest # 3142
   License AG791C
   Luciano

2. Manifest 2535
   License AK542A
   Herrera

3. Manifest 4803
   License AK893Y
   Jerez

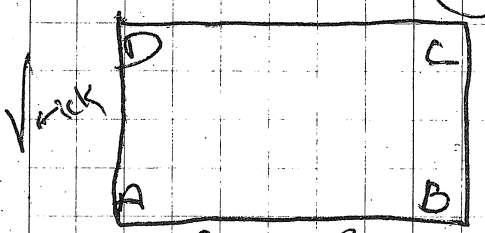
4. Manifest 4805
   License AK969W
   Martinez

5. Malinocaski on-site
   Vikram on-site

Location 38 Varick St Date 10/23

Project / Client ESV Remediation

Perimeter Monitoring



1.8 = Background

	A	B	C	D
7[30]	1.6 / 0.006	1.8 / 0.000	2.1 / 0.000	1.9 / 0.000
8[00]	1.9 / 0.000	1.8 / 0.004	1.8 / 0.006	1.8 / 0.002

8[32] – Sampling Trucks / boats 4.0 Background

12[30] 4.5 / .019 — 4.0 / .011 — 4.2 / 0.013 — 4.0 / 0.278

1[00]

56

Location 38 Varick St Date 10/23/07

Project / Client ESV-Remediation

Sampling Log

1. Field Blanks
   10/23/07 at 815
2. SE Wall 8ft at 855
   3ppm
3. SW Wall 8ft at 850
   4ppm
4. WS Wall (5ft) at 930
   2ppm
5. B2 (13ft) 955
   2ppm
6. B1 (13ft) 1000
   7.5ppm
7. Resample X1
   NW-2 (3.5ft)
   1030

Location 38 Varick St Date 10/23/07

Project / Client ESV-Remediation

8. E Wall (1) 3-5ft
   1040am
   7.5ppm

* Duplicate
  X Wall X 1040

9. SE Wall (3-5ft)
   1050am
   PID = 22ppm
10. SW Wall (3-5ft)
    1100am
    PID = 16ppm

*Note - Samples 9+10 (1st
are in same
locations as #2+3
just shallower

58

Location 38 Varick Date 10/23/07

Project / Client ESV

10³⁰ - Screening under manifold near bridgewater Street

- Under light brown medium grain soil 2.5 ppm

11⁴⁵ - Lunch - Break

12⁰⁰ - S. Malinowski off-site

Location 38 Varick St Date 10/23/07

Project / Client ESV - Remediation

Sample logs continued

11. Waste Sample 1115 am WC-2 → to analysis

12. Backfill Sample 1130 am

13.

60

Location 38 Varick St. Date 10/23/07

Project / Client ESV Remediation

Trucks Return Trip
12:30pm

1. Manifest: 3143
License: AG 7A1C
Driver: Luciano

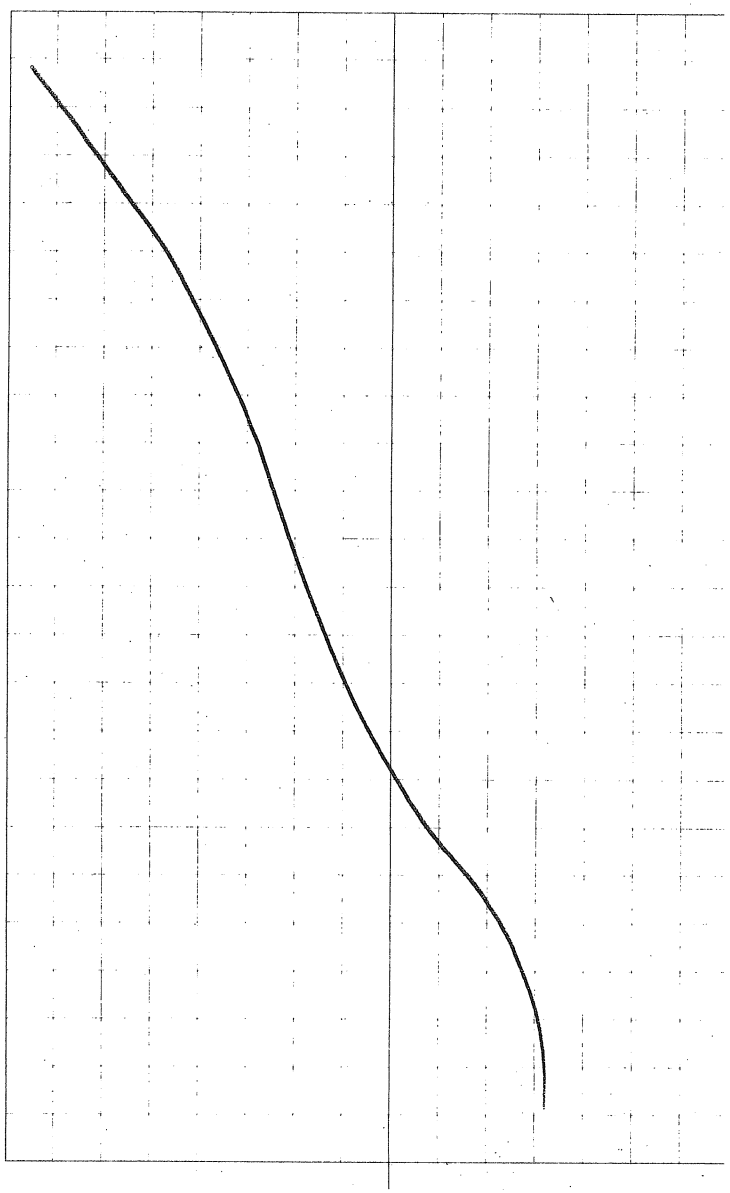
2. Manifest: AK 540A
License: 0534
Driver: Herrera

3. Manifest: 4806
license: AK 9694
Driver Mejia

4. Manifest: 4804
License: AK 893 X
Driver: Montero

Location _____ Date _____

Project / Client _____



62

Location 38 Varick St Date 10/24/07

Project / Client ESV Remediation

7:30 - VOC on-site
American (2)
Loading
Truck (2)

1. Manifest #2570
License AK760D
Driver Mark

2. C841
AK230E
Naranjo

8:00 - Vikram on-site

Location _____ Date _____

Project / Client _____

Sampling log

1. East Wall (2) 3-5ft
MS/MSD
Co Jars
1.1ppm at 840am

2. East Wall (3) 3-5ft
1.7ppm at 850am

3. B3 (11ft)
@ 855
600ppm

4. B4 (11ft)
@ 905
800ppm

5. B5 (9ft)
at 910
10.5ppm

64

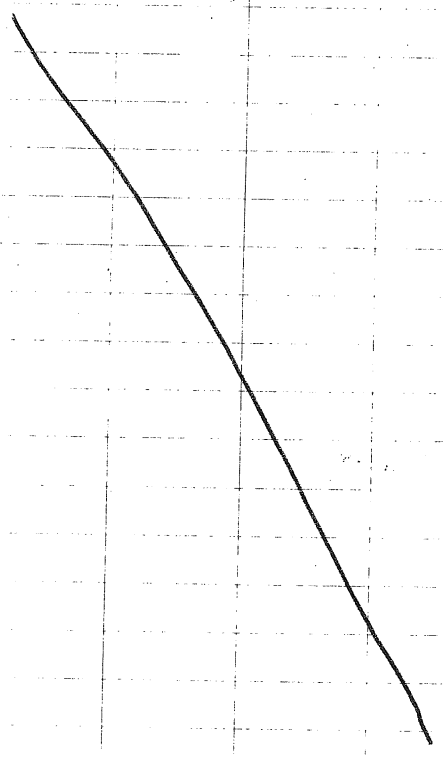
Location 38 Vandyke St Date 10/24

Project / Client ESV Remediation

6. N Wall (3-5)ft

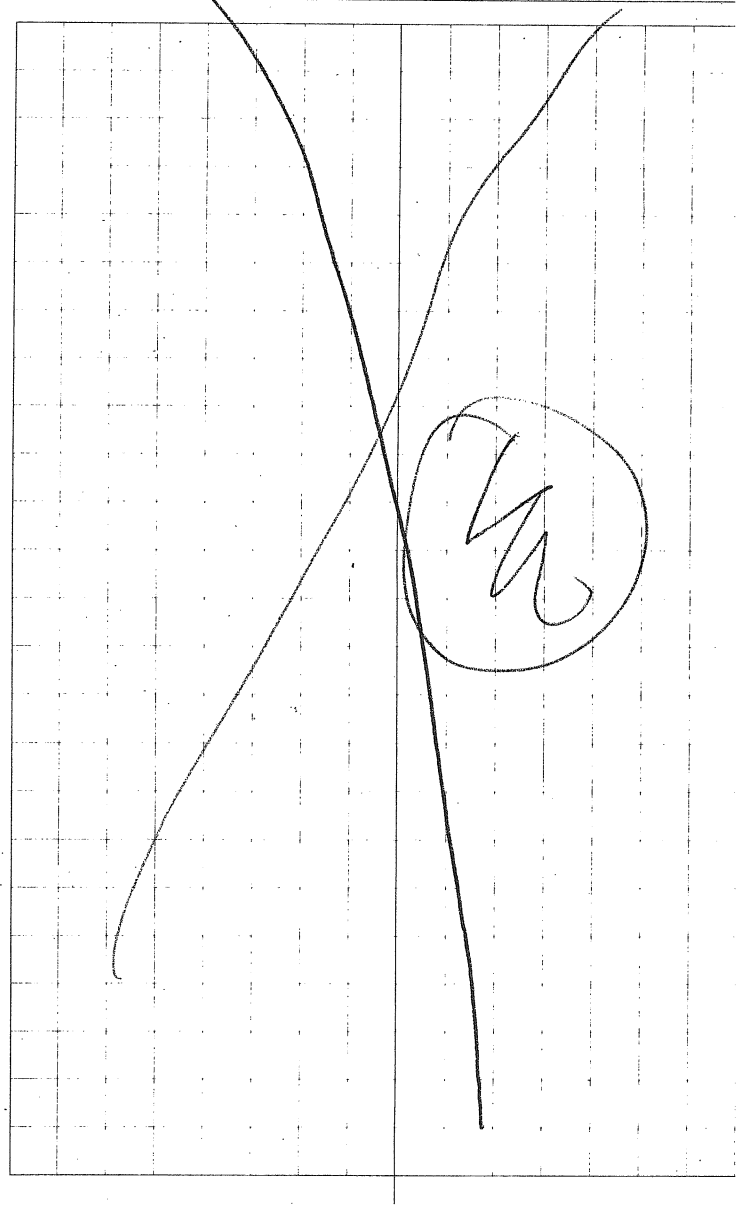
@ 915

4.5 ppm



Location _____ Date _____

Project / Client _____



66

Location 38 Varick St. Date 10/09/07

Project / Client ESV - Remediation

7:00 - VDW onsite

7:30 - American on-site (4)

goal: B3 (11ft) failed standards for arsenic

- Dig one scoop deeper
- Sample for arsenic
- Backfill excavation to grade

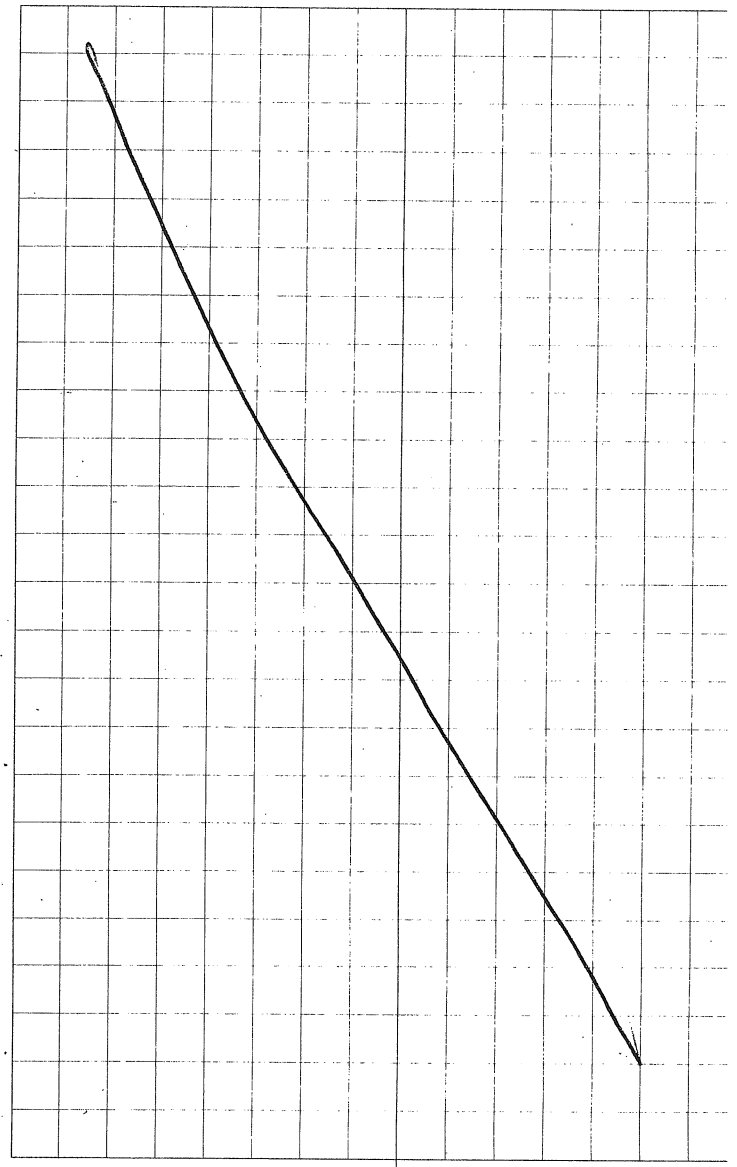
Sample: B3 (13ft) at 8am

9:00 - (2) Two trucks of RCA

9:30 - (2) Two trucks

Location _____ Date _____

Project / Client _____



72

Location 38 Varick St. Date 11/16/07

Project / Client ESV - Remediation

1115 - VOW on-site
American Env. on-site
Vikram Rep of NYSDEC on-site

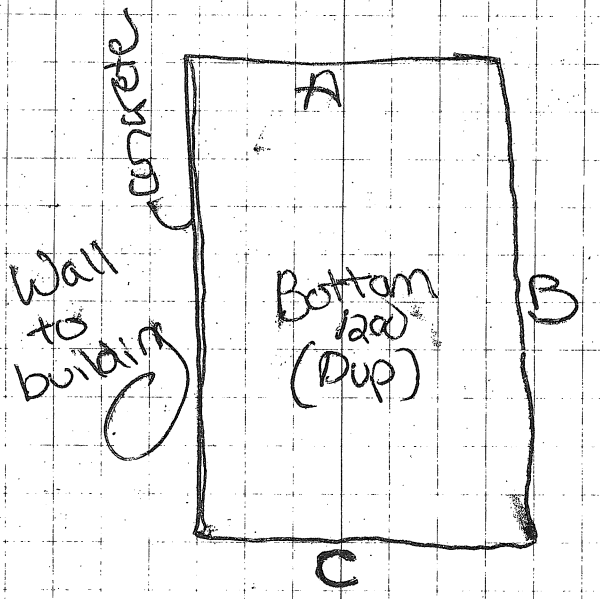
goal:- Sample under-fume scrubbers
- oversee piping formerly associated w/ USTs being removed.

Sampling log			PID
Fume A	at	1210	0.0ppm
Fume B	at	1215	0.0ppm
Fume C	at	1200	0.0ppm
Fume Bot	at	1200	0.0ppm
	Dup		
FB	at	1155	
Dup XBotX	at	1215	

Location 38 Varick St. Date 11/16/0

Project / Client ESV - Remediation

Sampling Plan
Fume scrubbers excavatio



MS/MSD on C at 12

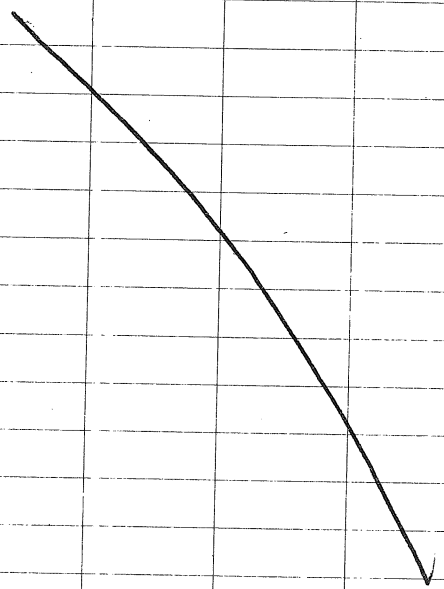
74

Location 38 Varick St Date 11/16/07

Project / Client

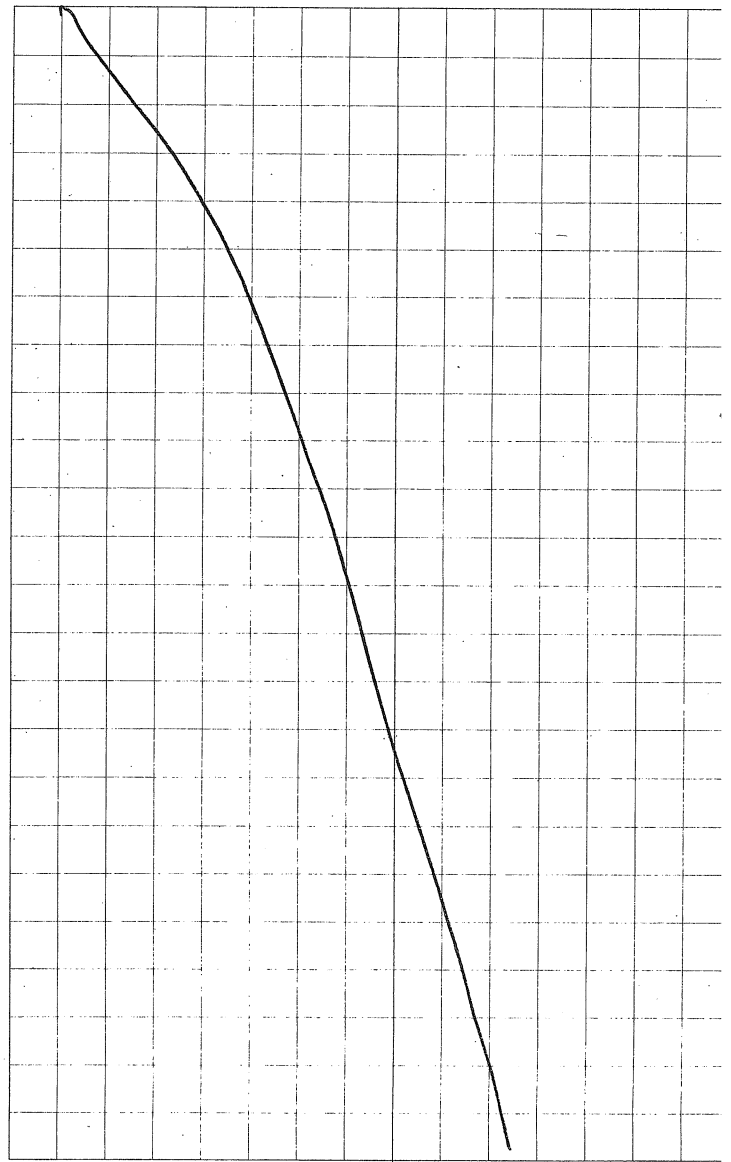
Piping Breaking up concrete
- Soil is Dark
  PID = 150 ppm - 250 ppm
- Will meet Vikram on monday to sample

Off site 1:15



Location Date

Project / Client



76

Location 88 Varick St. Date 11/19/07

Project / Client ESV - Remediation

11:30 - VDOU on-site
American on-site
Vikram (NYSDEC Rep on-site)

goal: • Assess pipe removal associated w/ former USTs
• Sample highest PID reading
• Take an additional waste sample for possible disposal.

1230 - FB 11/19 - collected at 1230

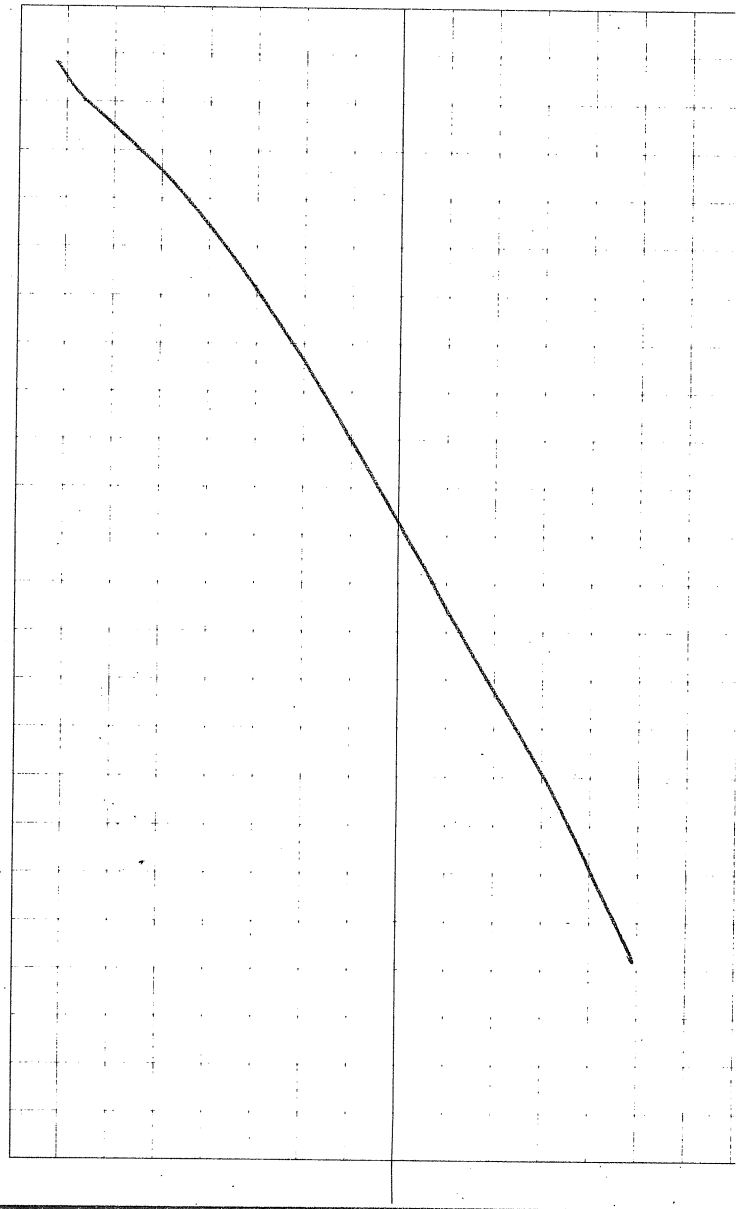
Under pipes
Highest PID 150 -220

• Sample (Pipes) at 1045

• Extra Waste C at 1045

Location 88 Varick St Date

Project / Client



Location ESV Date 12/12/07

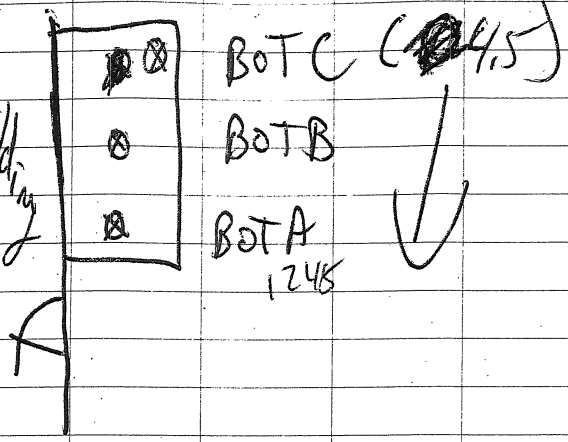
Project / Client

STAT

12:43 PM get ready to ~~sample~~

Former Fume Scrubber pit

meet Vikram of E&E



BotA 4.5 – 12:48

5.5 – 12:52

Brown fine sand & silt

BOTB 4.5 13:05

BOTB 5.7 13:17

BOTC 4.5 13:27

5.5 13:25

Location Empire State Varnish Date 12-12-07

Project / Client Fume scrubber

Sample

Drum 1 – Van Blarcom F.J.

1:32 PM

1:33 PM Drum 2 taken

TCLP & Total Lead – American Analytical

Drum X – Dup of Drum 1

1:38 PM Drum X

Leave Site 2PM

Appendix O

Correspondence with NYSDEC regarding Work Plan Modifications/Approval

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau D, 12th Floor
625 Broadway, Albany, New York 12233-7013
Phone: (518) 402-9818 • **FAX:** (518) 402-9819
Website: www.dec.state.ny.us

Alexander B. Grannis
Commissioner

APR 13 2007

Stephen T. Malinowski
Project Manager
CA Rich Environmental Specialists
17 Dupont Street
Plainview, New York 11803

Dear Mr. Malinowski,

RE: Review of Work Plan (closure plan) and the Investigation Report, Empire Varnish, Site ID # 2-24-123

We have reviewed the work plan (closure plan) contained in the April 11, 2007 letter and found it to be acceptable. Based on the discussions during our telephone conference on March 30, 2007, the issues related to the building demolition and the slab removal were included in this work plan. The investigation results included in the letter were reviewed and found to be acceptable. The investigation was conducted by Roux associates for Exxon-Mobil Corporation. As stated in the Summary and Conclusion section of the investigation report by Roux Associates, additional investigation to define the contaminated soil must be conducted along with investigation to quantify the amount of asbestos present in the buildings. Please provide the Department with a minimum of two weeks advance notice prior to the start of the filed activities included in the work plan and investigative work.

Sincerely,

Vivek Nattanmai, P.E.
Project Manager
Remedial Bureau D
Division of Environmental Remediation

cc: S. Latham, Esq.

Stephen Malinowski

From: Vivek Nattanmai [vrnattan@gw.dec.state.ny.us]
Sent: Tuesday, May 08, 2007 3:20 PM
To: smalinowski@carichinc.com
Subject: Empire Varnish, Site No. 224123

Hi Steve,

I have reviewed the revised scope of work dated May 8, 2007 for the additional sub surface soil investigation and found to be acceptable. As we discussed over the phone on May 8, 2007, two soil samples shall be collected from each soil boring for chemical analyses based on field instrumentation reading and if no readings was observed in the field one sample immediately below the slab and one from mid-depth of the soil boring hole shall be collected. Instruct the lab to analyze the shallow soil sample first and if contamination was detected in the shallow soil sample, then the deeper soil sample shall be analyzed for the same bore hole.

The filed work for the this activity is scheduled for May 10, 2007. I will be in the field to oversee the drilling activities.

If you have any questions please call me.

Thanks.

Vivek Nattanmai, P.E.
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233-7013
518-402-9812
Fax # 518-402-9819

Stephen Malinowski

From: Vivek Nattanmai [vrnattan@gw.dec.state.ny.us]
Sent: Thursday, June 21, 2007 3:33 PM
To: smalinowski@carichinc.com
Cc: Joseph White; Nathaniel Barber; deh02@health.state.ny.us
Subject: Empire State Varnish, 224123

Steve

I have reviewed the June 11, 2007 report prepared by CA Rich consultants. The report included the analytical results of the sub-soil borings installed at the site on May 10, 2007. The results indicate that the soil sample obtained from GP-2 location at a depth of approximately 3-4 feet has exceeded the Part 375 restricted commercial clean up level for benzo(a)pyrene and arsenic. There are no clean up level exceedances found at other soil boring locations. Since the contaminated soil was found at only one location and is located in the sub-surface below the concrete slab, there is no additional investigation to define the area of contamination is required at this time. Since the concrete slab is acting as a protective barrier for any potential exposure issues, no remedial effort is warranted at this time.

Please schedule your closure activities as early as possible and provide a minimum of two weeks notice to the Department prior to the start of any field activities.

Thanks.

Vivek Nattanmai, P.E.
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233-7013
518-402-9812
Fax # 518-402-9819

Attachment A

Electronic Files of Select Reference Reports