Site Investigation Summary Report

Vapor Intrusion Evaluations for New York State Remedial Sites

COSCO Site

NYSDEC Site # 344035

Town of Ramapo
Rockland County

NYSDEC Project Manager: Hausamann

NYSDOH Project Manager: Ushe

Prepared by Section B, Remedial Bureau E
Division of Environmental Remediation
New York State Department of Environmental Conservation

Table of Contents

Figures

Attachments

Executive Summary

A soil vapor intrusion (SVI) investigation was conducted at the COSCO Site (Site ID #344035), located in Rockland County, in January 2006. The investigation include collection of six soil vapor samples and six overburden groundwater samples. Low-level dissolved VOC contamination was detected in two groundwater samples. Elevated concentrations of VOCs were also detected in soil gas. The VOCs detected were primarily chlorinated hydrocarbons (tetrachloroethylene, 1,2-dichloroethene, trichloroethene, and vinyl chloride). Petroleum-derived compounds (benzene, toluene, ethylbenzene, and xylene) were also detected. Based on the results of the investigation, the New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), recommends that further work, including heating season sampling of nearby structures, is needed to more fully evaluate the potential for soil vapor intrusion.

1. Site Background and Status

Although the soil vapor pathway has been historically evaluated at New York State sites, improvements in analytical techniques and knowledge gained from sites in New York and in other states has led to a more complete understanding of soil vapor as an environmental media of concern. Based on this additional information, New York has re-evaluated previous assumptions and decisions regarding the potential for vapor intrusion at sites. To this effort, the State has conducted a limited soil vapor and groundwater investigation at the COSCO Site to evaluate the vapor intrusion pathway. The COSCO Site is currently listed as a Class 2 site and has an operational remedial system (pump and treat) on-site.

1.1 Site Description

The COSCO site is located in the Village of Spring Valley, Rockland County, New York and is the location of the former Consolidated Stamp Company (COSCO). The COSCO property is triangular shaped and is bordered to the east by West Street, to the south by Central Avenue and to the north by an inactive Conrail line and right of way. Various industrial and commercial facilities are located on the north side of the right of way, including the former Continental Plastic Company (CPC) facility, a relatively new communications tower, and an active Spring Valley Department of Public Works maintenance facility.

A drainage way, known as the Reach B Diversion, runs between the facilities. The drainage way originates to the southwest of the industries and continues in a northeast direction and discharges into the West Branch of Pascack Brook east of the site. The Spring Valley Well Field is located about three-thousand feet to the northeast of the site. In addition, a COSCO's tailing disposal area is located on the west side of the property which is currently being used for vehicle storage.

During the course of a State-funded RI/FS for the former Spring Valley Well Field, the COSCO and CPC facilities, two suspected sources of contamination to the well field, were investigated. A Rockland County Health Department report dated July 1979 indicated that COSCO was using TCE in a vapor degreasing process and discharging rinse-water from the plating operation into a surface water drainage reach behind the facility to the north along the railroad siding. The report also indicated that CPC was pumping contaminated non-contact cooling water into the same reach. Between 1979 and1984, these drainage pathways were sampled for volatile organics revealing high levels of contamination with TCE and PCE (in the CPC and COSCO production wells as high as 7,600 ppb TCE and in waterway path as high as 59,000 ppb TCE).

In 1988, monitoring wells were installed and sampled by the NYSDEC and revealed up to 210 ppb TCE and 40 ppb PCE in overburden wells. PCE and TCE were found in the bedrock well (located just across the railroad siding to the north of the COSCO site) at concentrations of 7,700 ppb and 4,300 ppb, respectively.

1.2 Site Record of Decision (ROD)

A Record of Decision (ROD) was signed in 1990 recommending treatment of soil and groundwater. Subsequent sampling conducted during the remedial design phase indicated that remediation of source area soils and sediments (along the railroad siding) was no longer necessary, although groundwater contamination in the source area remained. A ROD Amendment was issued calling for extraction and treatment of groundwater, capping of the tailings area, and monitoring. Construction of a groundwater pump and treat system began in June 2001 and began operation in 2003. Currently, the system is not operating due to lack of an operation and maintenance contract.

1.3 Site Geology and Groundwater Flow

Based on subsurface studies conducted at the site, the overburden materials consist of a layer of fill material of sands and gravel below which lies glacially derived materials consisting of a silty clay zone, a glacial outwash of sands and gravel, followed by a glacial till unit. The bedrock in the area is about 40 feet below grade and is part of the Brunswick Formation consisting primarily of red shales and mudstones. The RI indicated that the groundwater flow in the overburden aquifer at the site was to the southeast and that a downward gradient exists between the overburden and bedrock aquifers. Regional flow in the bedrock in the study area is not certain but appears to be to the northeast.

2. Soil Vapor and Groundwater Investigation

The investigation at the COSCO site included sampling of soil vapor and groundwater to evaluate potential site related contaminants. The scope of work was based on the tasks identified in the multi-site work assignment (D003970-30) and the Generic Site Characterization Work Plan for Vapor Intrusion Evaluation. A detailed discussion of the investigation is included the Vapor Intrusion Evaluation Report for the COSCO Site (Attachment A).

A total of 6 shallow soil vapor samples were collected from the vicinity of the COSCO Site as shown in Figure 1. The summary table below provides information on sample identification and

Location No.	Depth to Screen Bottom (ft bgs)	Vacuum		Corresponding Sampling ID.
		Start (In/Hg)	Finish (In/Hg)	
V-01S	4.0	29.5	1	344035-V-01S
V-01S	4.0	30	3	344035-V-DUP(020306)
V-02S	7.0	29.5	3	344035-V-02S
V-03S	8.0	29	1.5	344035-V-03S
V-04S	8.0	28	2	344035-V-04S
V-05S	7.0	28	2	344035-V-05S
V-06S	4.5	28	2	344035-V-06S

Notes:
ft bgs: feet below ground surface

depth. The shallow soil vapor samples were collected from an approximate depth of 8 ft bgs or, if the groundwater table was encountered less than 8 ft bgs, one foot above the groundwater table.

Due to the shallow groundwater levels encountered at the site, no deep soil vapor samples were collected as part of the investigation. The soil vapor samples were collected from temporary soil vapor points installed by Environmental Cleanup Services, Inc. using a direct-push method. Helium tracer tests were performed at 2 of the 6 soil vapor sample locations to verify the integrity of the bentonite seal between the ground surface and the borehole sampling point prior to sampling. No helium was detected in any of the sampling zones during the tests. The soil vapor samples were collected over a 2-hour period in 6-Liter evacuated Summa canisters and were submitted to Chemtech of Mountainside, New Jersey, for analysis of Volatile Organic Compounds (VOCs) by EPA Method TO-15. Installation and sampling of the soil vapor points is described in more detail in Attachment A.

A total of 6 temporary overburden groundwater monitoring wells were also installed and sampled as part of the SVI investigation. The summary table below provides information on field conditions (depth to water, screened interval, turbidity) and sample identification. The temporary direct-push wells were installed adjacent to the temporary soil vapor points described above. After purging the wells, groundwater samples were collected and submitted to Mitkem Corporation of Warwick, Rhode Island for analysis of VOCs by EPA Method 8260. Groundwater sampling procedures are described more fully in Attachment A.

Location No.	Depth to Bottom (ft bgs)	Screened Interval (ft bgs)	Depth to Water (ft bgs)	Final Turbidity (NTU)	Corresponding Sample ID.
GW-01	14	10.0 to 14.0	5.20	>1000	344035-GW-01
GW-01	14	10.0 to 14.0	5.20	>1000	344035-GW-DUP(012606)
GW-02	19	15.0 to 19.0	8.00	>1000	344035-GW-02
GW-03	24	20.0 to 24.0	9.40	>1000	344035-GW-03
GW-04	18	14.0 to 18.0	10.67	>1000	344035-GW-04
GW-05	14	10.0 to 14.0	8.31	>1000	344035-GW-05
GW-06	19	15.0 to 19.0	5.58	>1000	344035-GW-06

Notes:
NTU: Nephelometric Turbidity Units
ft bgs: feet below ground surface

3. Summary of Findings

Volatile contaminants detected in groundwater were primarily chlorinated hydrocarbons (tetrachloroethylene, *cis* 1,2-dichloroethene, trichloroethene, and vinyl chloride), although trace levels of toluene and ethylbenzene were detected in 1 groundwater sample. In addition to these compounds, several other VOCs (trichloroethane, xylenes, and benzene) were also detected in soil vapor.

3.1 Soil Vapor

PCE was detected in 4 of the 6 shallow soil vapor sample locations at concentrations ranging from 1.77 micrograms per cubic meter (ug/m^3) to 1,275 ug/m^3. TCE was detected in 2 shallow soil vapor samples at concentrations ranging from 186 ug/m^3 to 4,303 ug/m^3; a degradation product of TCE, *cis* 1,2-dichloroethene (1,2-DCE) was also detected in these 2 samples, ranging from 547 ug/m^3 to 692 ug/m^3. Trichloroethane (TCA) was detected in 1 shallow soil vapor sample at a concentration of 2.83 ug/m^3. The sample with the highest concentration of chlorinated VOCs (over 6,300 ug/m^3) was collected from location V-1 (located near the source zone along the railroad corridor to the north).

Other constituents of interest detected in shallow soil vapor include benzene, toluene, ethylbenzene, and toluene (BTEX compounds). The highest soil vapor concentrations of these BTEX compounds were detected in the sample point located across West Street to the east (V-3). MTBE was not detected in any of the soil vapor samples. Several other VOCs were detected at trace concentrations.

Figure 1 provides a summary of the soil vapor results.

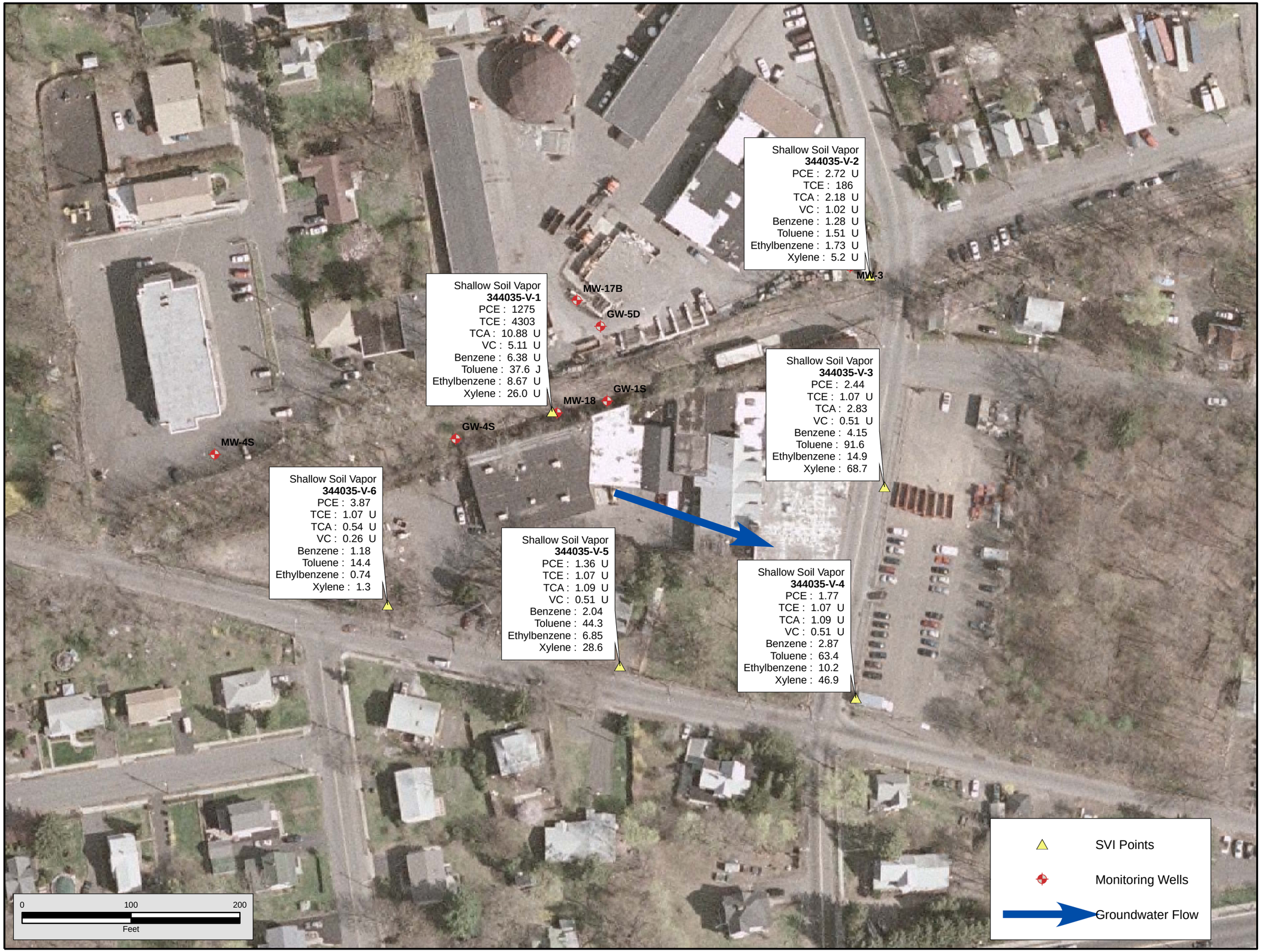
3.2 Groundwater

Groundwater samples were collected from the 6 temporary groundwater wells installed at the site. Figure 2 shows the locations of the wells sampled and summarizes the analytical results. Samples collected from the 2 wells located along the railroad right of way (V-1 and V-2) were impacted by chlorinated hydrocarbons. TCE was detected at concentrations ranging from 1 J micrograms per liter (ug/L) to 61 ug/L. 1,2-DCE was detected at concentrations ranging from 1 J micrograms per liter (ug/L) to 61 ug/L. Vinyl chloride was detected in one sample (from the former source area) at 23 ug/L. With the exception of trace detections of toluene and ethylbenzen (1 J ug/L), BTEX compounds were not detected in any of the 6 groundwater samples collected as part of the SVI investigation.

Figure 2 provides a summary of the groundwater sampling results.

4. Recommendations

Based on the distribution of the soil vapor and groundwater concentrations at the COSCO site, further SVI work, including heating season sampling of nearby structures, is recommended.



New York State
Department of Environmental Conservation

Division of Environmental Remediation

Map Details

Created in ArcGIS 9.1

Created by E. Hausamann

Date of Last Revision: 06/15/2006

COSCO
Site #: 3-44-035
Rockland County
Village of Spring Valley

FIGURE 1

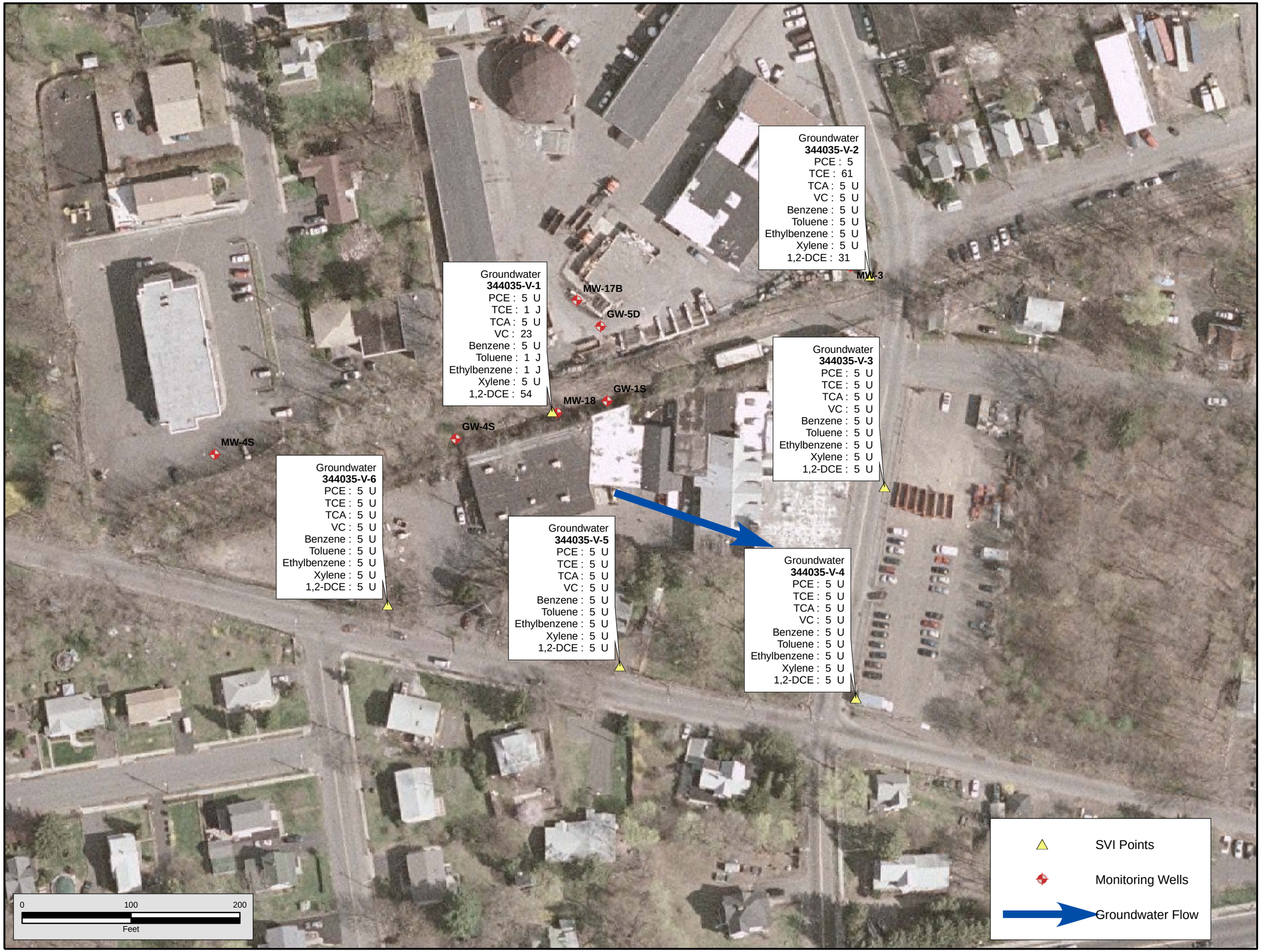
SVI Sample Locations
Soil Vapor Results

all results in ug/m3

Spring 2004
Aerial Photography

N
W E
S

North American Datum 1983
UTM Zone 18N



New York State
Department of Environmental Conservation

Division of Environmental Remediation

Map Details

Created in ArcGIS 9.1

Created by E. Hausamann

Date of Last Revision: 06/15/2006

COSCO
Site #: 3-44-035
Rockland County
Village of Spring Valley

FIGURE 2

SVI Sample Locations
Groundwater Results

all results in ppb

Spring 2004
Aerial Photography

N
W E
S

North American Datum 1983
UTM Zone 18N

ATTACHMENT A

Vapor Intrusion Evaluation Report for the COSCO Site, June 2006 (prepared by Environmental Resources Management)

Environmental Resources Management

5788 Widewaters Parkway
Dewitt, NY 13214
(315) 445-2554
(315) 445-2543

2 June 2006

Mr. Eric Hausamann
Environmental Engineer
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233

Re: COSCO Site
Town of Ramapo, Rockland County, New York
NYSDEC Site ID# 3-44-035
ERM Project No. 0039409

Dear Mr. Hausamann:

Environmental Resources Management (ERM) is pleased to submit this Vapor Intrusion Evaluation (VIE) Report for the COSCO Site located in the Town of Ramapo, Rockland County, New York (the Site). This project was conducted in general accordance with the New York State Department of Environmental Conservation's (NYSDEC) State Superfund Standby Contract, specified within the NYSDEC Superfund Engineering Services Standby Contract, Work Assignment No. D003970-30, and the Generic Site Characterization Work Plan, General Work Plan for Vapor Intrusion Evaluation prepared by ERM in December 2005 and approved by the NYSDEC in December 2005.

BACKGROUND

The VIE was conducted to assess whether or not soil vapor contamination exists at the Site, and to assess the extent to which the vapors, if detected, pose a threat to human health or the environment.

The VIE included sampling of soil vapor and ground water to evaluate the potential exposure to Site related contaminants. Data are provided for the NYSDEC and the New York State Department of Health (NYSDOH) to review the results and make determinations, after reviewing the data, whether or not additional investigation is warranted.

SCOPE OF WORK

The Scope of Work is based on the tasks initially identified in the Work Assignment. The tasks required to execute the Work Assignment are identified and described in detail below. Due to the varying field conditions at the multiple Sites there may be Site-specific modifications to the Scope of Work. If modifications were necessary they will be discussed and justified in the appropriate section of this report.

The objective of this evaluation is to estimate the presence of soil vapor and ground water contamination, and if present, to determine if a pathway exists for the VOCs to impact human health and the environment. The Scope of Work contemplated by the Work Assignment involves:

- a site visit to conduct a reconnaissance of selected sampling locations;
- the collection of ground water samples and the collection of ground water elevations. Ground water samples will be collected via temporary direct-push wells advanced with a Geoprobe™;
- the installation of approximately five soil vapor probe clusters per site. The clusters shall include a shallow and deep boring at each location. One soil vapor sample will be collected from each depth. A tracer gas will be used evaluate the integrity of the sampling set-up at a representative number of sampling points;
- the completion of data validation and the preparation of a Data Usability Report (DUSR); and
- the generation of appropriate field documentation including any field notes and sketches and the tabulation of all field and laboratory data.

Specific field investigative activities of this assessment are discussed below.

PRELIMINARY SITE VISIT

Prior to initiation of intrusive field investigation, ERM visited the Site with NYSDEC and the NYSDEC contracted drilling company personnel to assess Site conditions. Environmental Cleanup Solutions, Inc. (ECS), under contract with the NYSDEC, provided drilling services associated with this project. Site condition information was needed to better

evaluate equipment needs for the intrusive field investigation, and to mark the location of temporary wells and soil vapor collection points.

The probability of encountering private utilities was evaluated during the site visit. ECS was responsible to conduct utility clearance.

A NYSDEC representative collected surface elevations with a precision Global Satellite Positioning (GPS) device at each temporary well location.

FIELD DOCUMENTATION AND SITE MAP

A base map sketch of each site was included in the field notes. Relevant Site features and adjacent areas are represented on the sketch. Relevant features include, but are not limited to, structures, roads, fences, and existing wells. The sketch illustrates the relative location for each sample and is included as Figure 1. An aerial photograph with sample locations marked is included as Figure 2.

Detailed field notes were maintained by ERM personnel while ERM was on-site. Field notes include relevant activities that occurred during the workday. A copy of the field notes and associated field sampling forms are included in Attachment B.

GROUND WATER INVESTIGATION

Ground water samples were collected via temporary direct-push wells advanced with a Geoprobe™. ECS installed six (6) temporary wells at locations determined during the preliminary Site visit.

Ground water samples were collected from each temporary well using discrete screen point ground water sampling methods. Prior to ground water sample collection, the depth to ground water was measured to the nearest 0.01 foot using a water level indicator. Samples were collected by pushing a protected well screen to the desired depth and retracting the push rods, allowing ground water to enter the sampler through the exposed well screen. Ground water samples were recovered from the well using a low-flow peristaltic pump through 0.25-inch dedicated polyethylene tubing. Temporary wells were purged until ground water turbidity readings of 50 NTUs or less were reached, or for a period of time no shorter than 20 minutes if ground water turbidity did not

decrease. Samples were collected in appropriate laboratory-supplied containers, and placed in a pre-chilled cooler.

After sample collection, the sample tubing was withdrawn and the temporary ground water well was backfilled with packing sand and bentonite. Boreholes placed in paved or concrete areas were backfilled and refinished at the ground surface with concrete patch by ECS. All equipment that was in contact with the ground water was either decontaminated with an Alconox™ wash or disposed of through appropriate means.

Ground water was encountered in all temporary wells at the Site. Temporary wells are considerably deeper than the water levels. Borings were advanced in five to ten foot intervals until water was encountered. The height of the water column in the wells suggests that ground water is under pressure. Temporary well construction data are listed in Table 1.

QA/QC samples were collected in accordance with the project-specific Quality Assurance Project Plan (QAPP), included in the Work Plan. QA/QC samples collected in the field included one blind duplicate sample per site, an equipment blank and MS/MSD sample for each sample set. Trip blanks were included in each sample cooler sent to the laboratory.

Mitkem Corporation of Warwick, Rhode Island analyzed ground water samples for volatile organic compounds (VOC's) by United States Environmental Protection Agency (USEPA) Method 8260. Mitkem Corp. is an NYSDOH Environmental Laboratory Accreditation Program (ELAP) certified laboratory.

Analytical data for ground water samples is summarized in Table 2 . The Analytical Services Protocol (ASP) Category B Deliverable package for ground water samples collected at the Site is included as Attachment B.

SOIL VAPOR INVESTIGATION

Soil vapor investigations were preformed in general accordance with the *New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (Public Comment Draft, February 2005).

Temporary soil vapor probes were installed at six (6) locations selected by the NYSDEC in consultation with the NYSDOH, to determine whether vapor phase contaminants are present within the investigation area. Environmental Cleanup Solutions, Inc., under contract with the NYSDEC, installed all soil vapor probes.

The Project Work Plan requires the installation of two core holes (in close proximity to each other) at each soil vapor sample location; one shallow and one deep sample were to be installed each sample location. The Work Plan indicates that shallow samples should be collected at approximately 8-feet below ground surface (bgs) and deep samples should be collected at about 1-foot above the ground water surface. Where the ground water surface elevation is shallow, a single soil vapor sample should be collected from a point approximately one-foot above the level of the ground water as determined by the water levels attained in the direct-push temporary ground water wells, or determined in collaboration with the NYSDEC Remediation Project Managers.

Due to shallow ground water depths at the Site, only shallow vapor points were installed. The bottom of the soil vapor screens was set approximately one-foot above the measured ground water depth. Soil vapor point construction data are included in Table 3.

Temporary soil vapor probes were installed using direct-push technology to drive stainless steel rods equipped with detachable stainless steel drive points to the desired depth. At the desired depth a 6-inch sampling screen attached to a dedicated Teflon or polyethylene tubing of laboratory quality was installed into the borehole to collect the soil vapor samples. The drive rods were retracted and the borehole was backfilled with pre-approved glass beads to the top of the probe followed by a minimum of 6-inches of quartz sand above the screened interval. Bentonite was then placed above the sand pack to ground surface, and immediately hydrated. Before the samples could be collected a minimum of 24-hours was provided for bentonite hydration.

Prior to collection of the vapor samples, the temporary soil vapor probes and tubing were purged in accordance with the NYSDOH guidance for evaluating soil vapor intrusion. A minimum of three implant volumes was purged at a rate not exceeding 0.2 liters per minute before samples were collected.

A helium tracer gas was used to evaluate whether ambient air was being drawn into the sampling zone in accordance to the NYSDOH draft guidance. Helium tracer gas was used on vapor points V-03S and V-04S to determine if ambient air is being drawn into the sampling zone. Helium was not detected at either vapor point.

Samples were collected using laboratory-certified clean 6-liter Summa-type canisters with two-hour calibrated regulators connected to the dedicated Teflon™ or polyethylene tubing with air tight fittings.

Following sample collection, the sample tubing was removed to the extent possible and the boring was backfilled with bentonite. Borings completed in pavement or sidewalks were finished with concrete patch.

Associated QA/QC samples were collected in accordance with the QAPP, which consisted of one blind duplicate sample per site location. Duplicates were collected using a polyethylene "tee" connection. Tubing extensions from the "tee" fitting to each of the regulators were cut to the same length.

Soil Vapor samples were analyzed by Chemtech of Mountainside, New Jersey for VOC's by USEPA Method TO-15. Chemtech is an ELAP certified laboratory.

Analytical data for soil vapor samples is summarized in Table 4. The ASP Category B Deliverable package for soil vapor samples collected at the Site is included as Attachment C.

DATA VALIDATION/USABILITY REPORT

Laboratory data has been reviewed, validated and qualified as necessary to assess data usability by direct comparison to the specified data quality objectives and/or procedures set forth in the QAPP. Environmental Data Services, Inc., of Concord, New Hampshire, an independent third party validator conducted the data validation. ERM's Quality Assurance Officer has conducted a Usability Analysis. A Data Usability Report and Data Validation Report for ground water and soil vapor laboratory analytical reports are found in Attachment D and E, respectfully.

ERM appreciates the opportunity to provide this report to you. If you should have any questions regarding this project, please contact the undersigned at 315-445-2554.

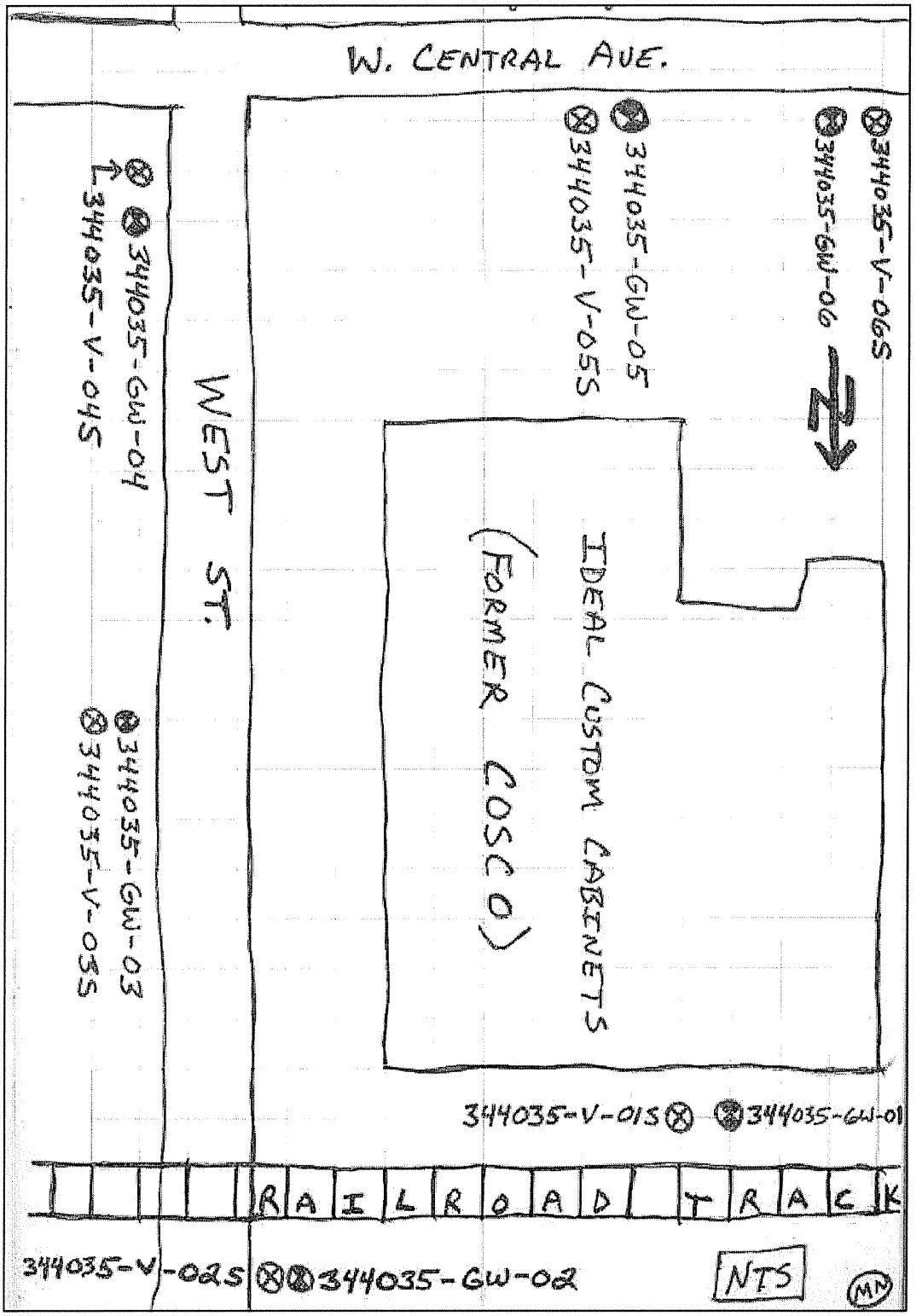
Sincerely,

Kristopher Perritt, CHMM
Project Manager

Edward Hinchey, P.G.
Partner in Charge

Attachments

FIGURES



Sample Location Map
COSCO
Ramapo, New York

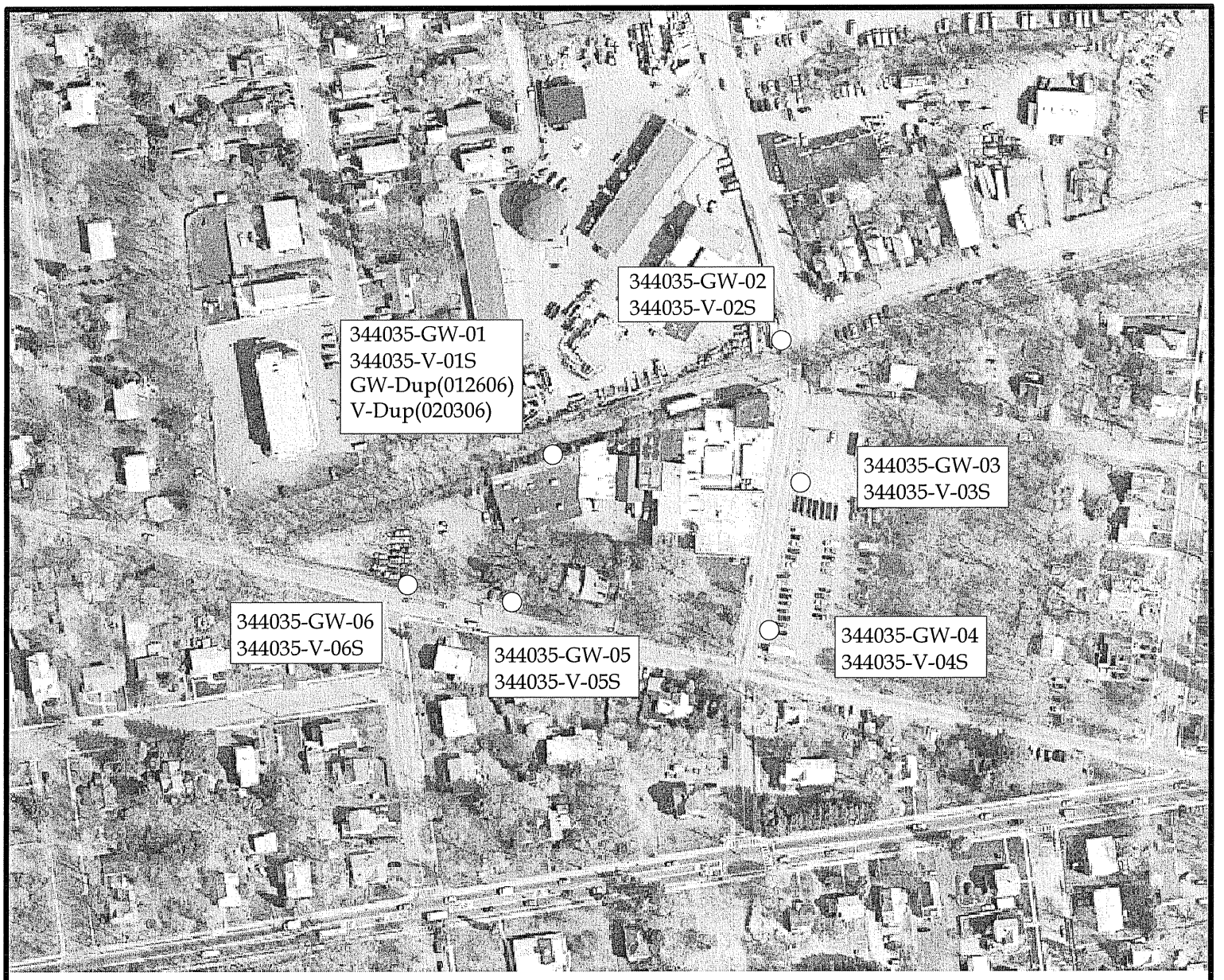
PREPARED FOR

NYSDEC

ERM
5788 WIDEWATERS PARKWAY
DEWITT, NEW YORK 13214

SCALE	FIGURE
NTS	1
DATE 2/06	

0096300



COSCO Site
NYSDEC Site No. 344035
ERM Project No. 0039409

N

Ground Water & Soil Vapor Sampling Points		
COSCO Site NYSDEC ID# 344035		
Spring Valley, New York		
PREPARED FOR: NYSDEC		
ERM	SCALE: NTS	FIGURE: 2
	DATE: March 2006	

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TABLES

Table 1: Temporary Well Data COSCO Site.

Location No.	Depth to Bottom (ft bgs)	Screened Interval (ft bgs)	Depth to Water (ft bgs)	Final Turbidity (NTU)	Corresponding Sample ID.
GW-01	14	10.0 to 14.0	5.20	>1000	344035-GW-01
GW-01	14	10.0 to 14.0	5.20	>1000	344035-GW-DUP(012606)
GW-02	19	15.0 to 19.0	8.00	>1000	344035-GW-02
GW-03	24	20.0 to 24.0	9.40	>1000	344035-GW-03
GW-04	18	14.0 to 18.0	10.67	>1000	344035-GW-04
GW-05	14	10.0 to 14.0	8.31	>1000	344035-GW-05
GW-06	19	15.0 to 19.0	5.58	>1000	344035-GW-06

Notes:
NTU: Nephelometric Turbidity Units
ft bgs: feet below ground surface

Table 2
Ground Water Analytical Results
COSCO Site
Spring Valley, New York
NYSDEC Site Number 3-44-035

PERIOD: From 01/09/2006 thru 02/02/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT		SITE	GW-01	GW-01	GW-02	GW-03
		SAMPLE ID	344035-GW-01	344035-GW-DUP(	344035-GW-02	344035-GW-03
		DATE	01/26/2006	01/26/2006	01/26/2006	01/26/2006
		RESULT TYPE	Primary	Duplicate 1	Primary	Primary
1,1,1,2-Tetrachloroethane	(ug/l)		5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	(ug/l)		5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	(ug/l)		5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	(ug/l)		5 U	5 U	5 U	5 U
1,1-Dichloroethane	(ug/l)		5 U	5 U	5 U	5 U
1,1-Dichloroethene	(ug/l)		5 U	5 U	5 U	5 U
1,1-Dichloropropene	(ug/l)		5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	(ug/l)		1 J	5 U	5 U	5 U
1,2,3-Trichloropropane	(ug/l)		5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	(ug/l)		5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	(ug/l)		1 J	1 J	5 U	5 U
1,2-Dibromoethane	(ug/l)		5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	(ug/l)		5 U	5 U	5 U	5 U
1,2-Dichloroethane	(ug/l)		5 U	5 U	5 U	5 U
1,2-Dichloropropane	(ug/l)		5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	(ug/l)		5 U	5 U	5 U	5 U
1,3-Dichlorobenzene	(ug/l)		5 U	5 U	5 U	5 U
1,3-Dichloropropane	(ug/l)		5 U	5 U	5 U	5 U
1,4-Dichlorobenzene	(ug/l)		5 U	5 U	5 U	5 U
2,2-Dichloropropane	(ug/l)		5 U	5 U	5 U	5 U
2-Butanone	(ug/l)		5 U J	5 U J	5 U J	5 U J
2-Chlorotoluene	(ug/l)		5 U	5 U	5 U	5 U
2-Hexanone	(ug/l)		5 U J	5 U J	5 U J	5 U J
4-Chlorotoluene	(ug/l)		5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	(ug/l)		5 U	5 U	5 U	5 U
Acetone	(ug/l)		5 U J	5 U J	5 U J	5 U J
Benzene	(ug/l)		5 U	5 U	5 U	5 U
Bromobenzene	(ug/l)		5 U	5 U	5 U	5 U
Bromochloromethane	(ug/l)		5 U	5 U	5 U	5 U
Bromodichloromethane	(ug/l)		5 U	5 U	5 U	5 U
Bromoform	(ug/l)		5 U	5 U	5 U	5 U
Bromomethane	(ug/l)		5 U	5 U	5 U	5 U
Carbon Disulfide	(ug/l)		5 U	5 U	5 U	5 U
Carbon Tetrachloride	(ug/l)		5 U	5 U	5 U	5 U
Chlorobenzene	(ug/l)		5 U	5 U	5 U	5 U
Chloroethane	(ug/l)		5 U	5 U	5 U	5 U
Chloroform	(ug/l)		5 U J	5 U J	5 U J	5 U J
Chloromethane	(ug/l)		5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	(ug/l)		54	57	31	5 U

See Endnotes following last page.

Table 2
Ground Water Analytical Results
COSCO Site
Spring Valley, New York
NYSDEC Site Number 3-44-035

PERIOD: From 01/09/2006 thru 02/02/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT		SITE	GW-01	GW-01	GW-02	GW-03
		SAMPLE ID	344035-GW-01	344035-GW-DUP(	344035-GW-02	344035-GW-03
		DATE	01/26/2006	01/26/2006	01/26/2006	01/26/2006
		RESULT TYPE	Primary	Duplicate 1	Primary	Primary
cis-1,3-Dichloropropene	(ug/l)		5 U	5 U	5 U	5 U
Dibromochloromethane	(ug/l)		5 U	5 U	5 U	5 U
Dibromochloropropane	(ug/l)		5 U	5 U	5 U	5 U
Dibromomethane	(ug/l)		5 U	5 U	5 U	5 U
Dichlorodifluoromethane	(ug/l)		5 U	5 U	5 U	5 U
Ethylbenzene	(ug/l)		1 J	5 U	5 U	5 U
Hexachlorobutadiene	(ug/l)		5 U	5 U	5 U	5 U
Iodomethane	(ug/l)		5 U	5 U	5 U	5 U
Isopropylbenzene	(ug/l)		5 U	5 U	5 U	5 U
m+p-Xylene	(ug/l)		5 U	5 U	5 U	5 U
Methyl Tertiary Butyl Ether	(ug/l)		5 U	5 U	5 U	5 U
Methylene Chloride	(ug/l)		5 U J	5 U J	5 U J	5 U J
Naphthalene	(ug/l)		5 U J	5 U J	5 U J	5 U J
n-Butylbenzene	(ug/l)		5 U	5 U	5 U	5 U
n-Propylbenzene	(ug/l)		5 U	5 U	5 U	5 U
o-Xylene	(ug/l)		5 U	5 U	5 U	5 U
p-Isopropyltoluene	(ug/l)		5 U	5 U	5 U	5 U
sec-Butylbenzene	(ug/l)		5 U	5 U	5 U	5 U
Styrene	(ug/l)		5 U	5 U	5 U	5 U
tert-Butylbenzene	(ug/l)		5 U	5 U	5 U	5 U
Tetrachloroethene	(ug/l)		5 U	5 U	5	5 U
Toluene	(ug/l)		1 J	1 J	5 U	5 U
trans-1,2-Dichloroethene	(ug/l)		5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	(ug/l)		5 U	5 U	5 U	5 U
Trichloroethene	(ug/l)		1 J	1 J	61	5 U
Trichlorofluoromethane	(ug/l)		5 U	5 U	5 U	5 U
Vinyl Acetate	(ug/l)		5 U J	5 U J	5 U J	5 U J
Vinyl chloride	(ug/l)		23	24	5 U	5 U
Xylene (total)	(ug/l)		5 U	5 U	5 U	5 U
Sum of Constituents	(ug/l)		82.00	84.00	97.00	0.00

See Endnotes following last page.

Table 2
Ground Water Analytical Results
COSCO Site
Spring Valley, New York
NYSDEC Site Number 3-44-035

PERIOD: From 01/09/2006 thru 02/02/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT		SITE	GW-04	GW-05	GW-06
		SAMPLE ID	344035-GW-04	344035-GW-05	344035-GW-06
		DATE	01/27/2006	01/27/2006	01/27/2006
		RESULT TYPE	Primary	Primary	Primary
1,1,1,2-Tetrachloroethane	(ug/l)		5 U	5 U	5 U
1,1,1-Trichloroethane	(ug/l)		5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	(ug/l)		5 U	5 U	5 U
1,1,2-Trichloroethane	(ug/l)		5 U	5 U	5 U
1,1-Dichloroethane	(ug/l)		5 U	5 U	5 U
1,1-Dichloroethene	(ug/l)		5 U	5 U	5 U
1,1-Dichloropropene	(ug/l)		5 U	5 U	5 U
1,2,3-Trichlorobenzene	(ug/l)		5 U	5 U	5 U
1,2,3-Trichloropropane	(ug/l)		5 U	5 U	5 U
1,2,4-Trichlorobenzene	(ug/l)		5 U	5 U	5 U
1,2,4-Trimethylbenzene	(ug/l)		5 U	5 U	5 U
1,2-Dibromoethane	(ug/l)		5 U	5 U	5 U
1,2-Dichlorobenzene	(ug/l)		5 U	5 U	5 U
1,2-Dichloroethane	(ug/l)		5 U	5 U	5 U
1,2-Dichloropropane	(ug/l)		5 U	5 U	5 U
1,3,5-Trimethylbenzene	(ug/l)		5 U	5 U	5 U
1,3-Dichlorobenzene	(ug/l)		5 U	5 U	5 U
1,3-Dichloropropane	(ug/l)		5 U	5 U	5 U
1,4-Dichlorobenzene	(ug/l)		5 U	5 U	5 U
2,2-Dichloropropane	(ug/l)		5 U	5 U	5 U
2-Butanone	(ug/l)		5 U J	5 U J	5 U J
2-Chlorotoluene	(ug/l)		5 U	5 U	5 U
2-Hexanone	(ug/l)		5 U J	5 U J	5 U J
4-Chlorotoluene	(ug/l)		5 U	5 U	5 U
4-Methyl-2-Pentanone	(ug/l)		5 U	5 U	5 U
Acetone	(ug/l)		5 U J	5 U J	5 U J
Benzene	(ug/l)		5 U	5 U	5 U
Bromobenzene	(ug/l)		5 U	5 U	5 U
Bromochloromethane	(ug/l)		5 U	5 U	5 U
Bromodichloromethane	(ug/l)		5 U	5 U	5 U
Bromoform	(ug/l)		5 U	5 U	5 U
Bromomethane	(ug/l)		5 U	5 U	5 U
Carbon Disulfide	(ug/l)		5 U	5 U	5 U
Carbon Tetrachloride	(ug/l)		5 U	5 U	5 U
Chlorobenzene	(ug/l)		5 U	5 U	5 U
Chloroethane	(ug/l)		5 U	5 U	5 U
Chloroform	(ug/l)		5 U J	5 U J	5 U J
Chloromethane	(ug/l)		5 U	5 U	5 U
cis-1,2-Dichloroethene	(ug/l)		5 U	5 U	5 U

See Endnotes following last page.

Table 2
Ground Water Analytical Results
COSCO Site
Spring Valley, New York
NYSDEC Site Number 3-44-035

PERIOD: From 01/09/2006 thru 02/02/2006 - Inclusive
SAMPLE TYPE: Water

CONSTITUENT		SITE	GW-04	GW-05	GW-06
		SAMPLE ID	344035-GW-04	344035-GW-05	344035-GW-06
		DATE	01/27/2006	01/27/2006	01/27/2006
		RESULT TYPE	Primary	Primary	Primary
cis-1,3-Dichloropropene	(ug/l)		5 U	5 U	5 U
Dibromochloromethane	(ug/l)		5 U	5 U	5 U
Dibromochloropropane	(ug/l)		5 U	5 U	5 U
Dibromomethane	(ug/l)		5 U	5 U	5 U
Dichlorodifluoromethane	(ug/l)		5 U	5 U	5 U
Ethylbenzene	(ug/l)		5 U	5 U	5 U
Hexachlorobutadiene	(ug/l)		5 U	5 U	5 U
Iodomethane	(ug/l)		5 U	5 U	5 U
Isopropylbenzene	(ug/l)		5 U	5 U	5 U
m+p-Xylene	(ug/l)		5 U	5 U	5 U
Methyl Tertiary Butyl Ether	(ug/l)		5 U	5 U	5 U
Methylene Chloride	(ug/l)		5 U J	5 U J	5 U J
Naphthalene	(ug/l)		5 U J	5 U J	5 U J
n-Butylbenzene	(ug/l)		5 U	5 U	5 U
n-Propylbenzene	(ug/l)		5 U	5 U	5 U
o-Xylene	(ug/l)		5 U	5 U	5 U
p-Isopropyltoluene	(ug/l)		5 U	5 U	5 U
sec-Butylbenzene	(ug/l)		5 U	5 U	5 U
Styrene	(ug/l)		5 U	5 U	5 U
tert-Butylbenzene	(ug/l)		5 U	5 U	5 U
Tetrachloroethene	(ug/l)		5 U	5 U	5 U
Toluene	(ug/l)		5 U	5 U	5 U
trans-1,2-Dichloroethene	(ug/l)		5 U	5 U	5 U
trans-1,3-Dichloropropene	(ug/l)		5 U	5 U	5 U
Trichloroethene	(ug/l)		5 U	5 U	5 U
Trichlorofluoromethane	(ug/l)		5 U	5 U	5 U
Vinyl Acetate	(ug/l)		5 U J	5 U J	5 U J
Vinyl chloride	(ug/l)		5 U	5 U	5 U
Xylene (total)	(ug/l)		5 U	5 U	5 U
Sum of Constituents	(ug/l)		0.00	0.00	0.00

See Endnotes following last page.

Table 2
Ground Water Analytical Results
Cosco Site
Spring Valley, New York
NYSDEC Site Number 0039409

Notes

- µg/l = micrograms per liter (parts per billion; ppb).
- The samples were analyzed by Mitkem Corporation of Warwick RI, for Volatile Organic Compound (VOC) analysis by USEPA SW-846 Method 8260B, in accordance with *"Test Methods for Evaluation Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions."*

Qualifiers

no qualifier	The analyte was positively identified at the associated numerical value which is the concentration of the analyte in the sample.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
U	The analyte was analyzed for, but not detected above the reported sample quantitation limit.
NA	Parameter was not analyzed for.

Table 3: Vapor Point Data COSCO Site.

Location No.	Depth to Screen Bottom (ft bgs)	Vacuum		Corresponding Sampling ID.
		Start (In/Hg)	Finish (In/Hg)	
V-01S	4.0	29.5	1	344035-V-01S
V-01S	4.0	30	3	344035-V-DUP(020306)
V-02S	7.0	29.5	3	344035-V-02S
V-03S	8.0	29	1.5	344035-V-03S
V-04S	8.0	28	2	344035-V-04S
V-05S	7.0	28	2	344035-V-05S
V-06S	4.5	28	2	344035-V-06S

Notes:
ft bgs: feet below ground surface

Table 4
Soil Vapor Analytical Results
COSCO Site
Spring Valley, New York
NYSDEC Site Number 3-44-035

PERIOD: From 01/19/2006 thru 02/10/2006 - Inclusive
SAMPLE TYPE: Air

CONSTITUENT	SITE	V-01S	V-02S	V-03S	V-04S
	SAMPLE ID	344035-V-01S	344035-V-02S	344035-V-03S	344035-V-04S
	DATE	02/03/2006	02/03/2006	02/03/2006	02/03/2006
1,1,1-Trichloroethane	(ug/m3)	10.88 U	2.18 U	2.83	1.09 U
1,1,2,2-Tetrachloroethane	(ug/m3)	13.74 U	2.75 U	1.37 U	1.37 U
1,1,2-Trichloroethane	(ug/m3)	10.88 U	2.18 U	1.09 U	1.09 U
1,1-Dichloroethane	(ug/m3)	8.1 U	1.62 U	0.81 U	0.81 U
1,1-Dichloroethene	(ug/m3)	7.93 U	132	0.79 U	0.79 U
1,2,4-Trichlorobenzene	(ug/m3)	75.5 U	14.2 U	1.48 U	1.48 U
1,2,4-Trimethylbenzene	(ug/m3)	39.3	1.96 U	8.34	5.6
1,2-Dibromoethane	(ug/m3)	15.38 U	3.08 U	1.54 U	1.54 U
1,2-Dichlorobenzene	(ug/m3)	12.02 U	2.4 U	1.2 U	1.2 U
1,2-Dichloroethane	(ug/m3)	8.1 U	1.62 U	0.81 U	0.81 U
1,2-Dichloropropane	(ug/m3)	9.24 U	1.85 U	0.92 U	0.92 U
1,3,5-Trimethylbenzene	(ug/m3)	34.4	1.96 U	1.87	1.28
1,3-Butadiene	(ug/m3)	4.42 U	0.88 U	0.44 U	0.44 U
1,3-Dichlorobenzene	(ug/m3)	12.02 U	2.4 U	1.2 U	1.68
1,4-Dichlorobenzene	(ug/m3)	12.02 U	2.4 U	2.28	1.8
1,4-Dioxane	(ug/m3)	14.4 U	2.88 U	1.44 U	1.44 U
2-Butanone	(ug/m3)	11.78 U	2.36 U	4.18	3.3
2-Hexanone	(ug/m3)	16.36 U	3.27 U	1.64 U	1.64 U
4-Ethyltoluene	(ug/m3)	9.82 U	1.96 U	5.99	4.02
4-Methyl-2-Pentanone	(ug/m3)	16.36 U	3.27 U	1.64	1.64 U
Acetone	(ug/m3)	21.8 J	28.8	43.3	188
Allyl chloride	(ug/m3)	6.3 U	1.26 U	0.63 U	0.63 U
Benzene	(ug/m3)	6.38 U	1.28 U	4.15	2.87
Benzyl chloride	(ug/m3)	11.53 U	2.31 U	1.15 U	1.15 U
Bromodichloromethane	(ug/m3)	13.42 U J	2.68 U	1.34 U	1.34 U
Bromoform	(ug/m3)	20.7 U	4.14 U	2.07 U	2.07 U
Bromomethane	(ug/m3)	7.77 U	1.55 U	0.78 U	0.78 U
Carbon Disulfide	(ug/m3)	6.22 U	1.24 U	3.11	2.05
Carbon Tetrachloride	(ug/m3)	12.6 U	5.04	1.26 U	1.26 U
Chlorobenzene	(ug/m3)	9.24 U	1.85 U	0.92 U	0.92 U
Chloroethane	(ug/m3)	5.32 U	1.06 U	0.53 U	0.53 U
Chloroform	(ug/m3)	9.73 U	14.8	0.97 U	0.97 U
Chloromethane	(ug/m3)	4.09 U	1.8	0.41 U	0.41 U
cis-1,2-Dichloroethene	(ug/m3)	692	547	0.79 U	0.79 U
cis-1,3-Dichloropropene	(ug/m3)	9.08 U	1.82 U	0.91 U	0.91 U
Cyclohexane	(ug/m3)	6.71 U	1.34 U	0.67 U	0.67 U
Dibromochloromethane	(ug/m3)	17.01 U	3.4 U	1.7 U	1.7 U
Dichlorodifluoromethane	(ug/m3)	9.9 U	3.37	2.28	1.98
Ethyl acetate	(ug/m3)	47.5 J	1.44 U	10.1	0.72 U

See Endnotes following last page.

Table 4
Soil Vapor Analytical Results
COSCO Site
Spring Valley, New York
NYSDEC Site Number 3-44-035

PERIOD: From 01/19/2006 thru 02/10/2006 - Inclusive
SAMPLE TYPE: Air

CONSTITUENT	SITE SAMPLE ID DATE		V-01S 344035-V-01S 02/03/2006	V-02S 344035-V-02S 02/03/2006	V-03S 344035-V-03S 02/03/2006	V-04S 344035-V-04S 02/03/2006
Ethylbenzene		(ug/m3)	8.67 U	1.73 U	14.9	10.2
Freon 113		(ug/m3)	15.3 U	3.67	1.53 U	1.53 U
Freon 114		(ug/m3)	13.99 U	2.8 U	1.4 U	1.4 U
Heptane		(ug/m3)	8.18 U	1.64 U	0.9	0.9
Hexachlorobutadiene		(ug/m3)	76.9 U	14.5 U	2.13 U	2.13 U
Hexane		(ug/m3)	14.07 U	2.81 U	1.41 U	1.55
Isooctane		(ug/m3)	9.33 U	1.87 U	0.93 U	0.93 U
Isopropyl Alcohol		(ug/m3)	9.82 U	1.96 U	1.91	3.19
m+p-Xylene		(ug/m3)	17.34 U	3.47 U	56.9	38.9
Methyl Tertiary Butyl Ether		(ug/m3)	7.2 U	1.44 U	0.72 U	0.72 U
Methylene Chloride		(ug/m3)	13.91 U	2.78 U	4.38 U	1.74 U
o-Xylene		(ug/m3)	8.67 U	1.73 U	11.8	7.98
Propylene		(ug/m3)	3.44 U	0.69 U	0.34 U	0.34 U
Styrene		(ug/m3)	8.51 U	1.7 U	5.19	3.91
Tetrachloroethene		(ug/m3)	1275	2.72 U	2.44	1.77
Tetrahydrofuran		(ug/m3)	11.78 U	2.36 U	1.18 U	1.18 U
Toluene		(ug/m3)	37.6 J	1.51 U	91.6	63.4
trans-1,2-Dichloroethene		(ug/m3)	30.9	1.59 U	0.79 U	0.79 U
trans-1,3-Dichloropropene		(ug/m3)	9.08 U	1.82 U	0.91 U	0.91 U
Trichloroethene		(ug/m3)	4303	186	1.07 U	1.07 U
Trichlorofluoromethane		(ug/m3)	11.21 U	602	1.12	1.12 U
Vinyl Acetate		(ug/m3)	7.03 U	1.41 U	0.7 U	0.7 U
Vinyl bromide		(ug/m3)	8.75 U	1.75 U	0.88 U	0.88 U
Vinyl chloride		(ug/m3)	5.11 U	1.02 U	0.51 U	0.51 U
Sum of Constituents		(ug/m3)	6481.50	1524.48	276.83	344.38

See Endnotes following last page.

Table 4
Soil Vapor Analytical Results
COSCO Site
Spring Valley, New York
NYSDEC Site Number 3-44-035

PERIOD: From 01/19/2006 thru 02/10/2006 - Inclusive
SAMPLE TYPE: Air

CONSTITUENT		SITE SAMPLE ID DATE	V-05S 344035-V-05S 02/03/2006	V-06S 344035-V-06S 02/03/2006
1,1,1-Trichloroethane	(ug/m3)		1.09 U	0.54 U
1,1,2,2-Tetrachloroethane	(ug/m3)		1.37 U	0.69 U
1,1,2-Trichloroethane	(ug/m3)		1.09 U	0.54 U
1,1-Dichloroethane	(ug/m3)		0.81 U	0.4 U
1,1-Dichloroethene	(ug/m3)		0.79 U	0.4 U
1,2,4-Trichlorobenzene	(ug/m3)		1.48 U	0.74 U
1,2,4-Trimethylbenzene	(ug/m3)		3.73	0.49 U
1,2-Dibromoethane	(ug/m3)		1.54 U	0.77 U
1,2-Dichlorobenzene	(ug/m3)		1.2 U	0.6 U
1,2-Dichloroethane	(ug/m3)		0.81 U	0.4 U
1,2-Dichloropropane	(ug/m3)		0.92 U	0.46 U
1,3,5-Trimethylbenzene	(ug/m3)		0.98 U	0.49 U
1,3-Butadiene	(ug/m3)		0.44 U	0.22 U
1,3-Dichlorobenzene	(ug/m3)		1.2 U	0.6 U
1,4-Dichlorobenzene	(ug/m3)		1.2 U	0.6 U
1,4-Dioxane	(ug/m3)		1.44 U	0.72 U
2-Butanone	(ug/m3)		3.65	1.71
2-Hexanone	(ug/m3)		1.64 U	0.82 U
4-Ethyltoluene	(ug/m3)		2.26	0.49 U
4-Methyl-2-Pentanone	(ug/m3)		1.64 U	0.82 U
Acetone	(ug/m3)		396	175
Allyl chloride	(ug/m3)		0.63 U	0.31 U
Benzene	(ug/m3)		2.04	1.18
Benzyl chloride	(ug/m3)		1.15 U	0.58 U
Bromodichloromethane	(ug/m3)		1.34 U	0.67 U
Bromoform	(ug/m3)		2.07 U	1.03 U
Bromomethane	(ug/m3)		0.78 U	0.39 U
Carbon Disulfide	(ug/m3)		1.37	0.4 U
Carbon Tetrachloride	(ug/m3)		1.26 U	0.63 U
Chlorobenzene	(ug/m3)		0.92 U	0.46 U
Chloroethane	(ug/m3)		0.53 U	0.27 U
Chloroform	(ug/m3)		0.97 U	0.49 U
Chloromethane	(ug/m3)		0.41 U	0.2 U
cis-1,2-Dichloroethene	(ug/m3)		0.79 U	0.4 U
cis-1,3-Dichloropropene	(ug/m3)		0.91 U	0.45 U
Cyclohexane	(ug/m3)		0.67 U	0.34 U
Dibromochloromethane	(ug/m3)		1.7 U	0.85 U
Dichlorodifluoromethane	(ug/m3)		0.99 U	0.49 U
Ethyl acetate	(ug/m3)		0.72 U	0.36 U

See Endnotes following last page.

Table 4
Soil Vapor Analytical Results
COSCO Site
Spring Valley, New York
NYSDEC Site Number 3-44-035

PERIOD: From 01/19/2006 thru 02/10/2006 - Inclusive
SAMPLE TYPE: Air

CONSTITUENT	SITE	V-05S	V-06S
	SAMPLE ID	344035-V-05S	344035-V-06S
	DATE	02/03/2006	02/03/2006
Ethylbenzene	(ug/m3)	6.85	0.74
Freon 113	(ug/m3)	1.53 U	0.76 U
Freon 114	(ug/m3)	1.4 U	0.7 U
Heptane	(ug/m3)	1.06	0.41
Hexachlorobutadiene	(ug/m3)	2.13 U	1.07 U
Hexane	(ug/m3)	1.41 U	0.7 U
Isooctane	(ug/m3)	0.93	0.47 U
Isopropyl Alcohol	(ug/m3)	0.98 U	3.31
m+p-Xylene	(ug/m3)	23.5	1.3
Methyl Tertiary Butyl Ether	(ug/m3)	0.72 U	0.36 U
Methylene Chloride	(ug/m3)	1.39 U	2.26 U
o-Xylene	(ug/m3)	5.12	0.43 U
Propylene	(ug/m3)	0.34 U	0.17 U
Styrene	(ug/m3)	1.96	0.43 U
Tetrachloroethene	(ug/m3)	1.36 U	3.87
Tetrahydrofuran	(ug/m3)	1.18 U	0.82
Toluene	(ug/m3)	44.3	14.4
trans-1,2-Dichloroethene	(ug/m3)	0.79 U	0.4 U
trans-1,3-Dichloropropene	(ug/m3)	0.91 U	0.45 U
Trichloroethene	(ug/m3)	1.07 U	0.54 U
Trichlorofluoromethane	(ug/m3)	1.12 U	0.56
Vinyl Acetate	(ug/m3)	0.7 U	0.35 U
Vinyl bromide	(ug/m3)	0.88 U	0.44 U
Vinyl chloride	(ug/m3)	0.51 U	0.26 U
Sum of Constituents	(ug/m3)	492.77	203.30

See Endnotes following last page.

Table 4
Soil Vapor Analytical Results
Cosco Site
Spring Valley, New York
NYSDEC Site Number 0039409

Notes:

- $\mu g/m^3$ = micrograms per cubic meter.
- The samples were analyzed by Chemtech –Mountainside, New Jersey, following "*Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition 1997, EPA/625/R-96/010B"*, Compendium Method TO-15, "*Determination Of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)*".

Qualifiers

no qualifier	The compound was positively identified at the associated numerical value which is the concentration of the compound in the sample.
U	Non-Detect. The compound was analyzed for, but not detected. The associated numerical value is the detection limit. The value is usable as a non-detect at the detection limit.
J	Estimated value. The value was designated as estimated as a result of the data validation criteria. The value is usable as an estimated result.

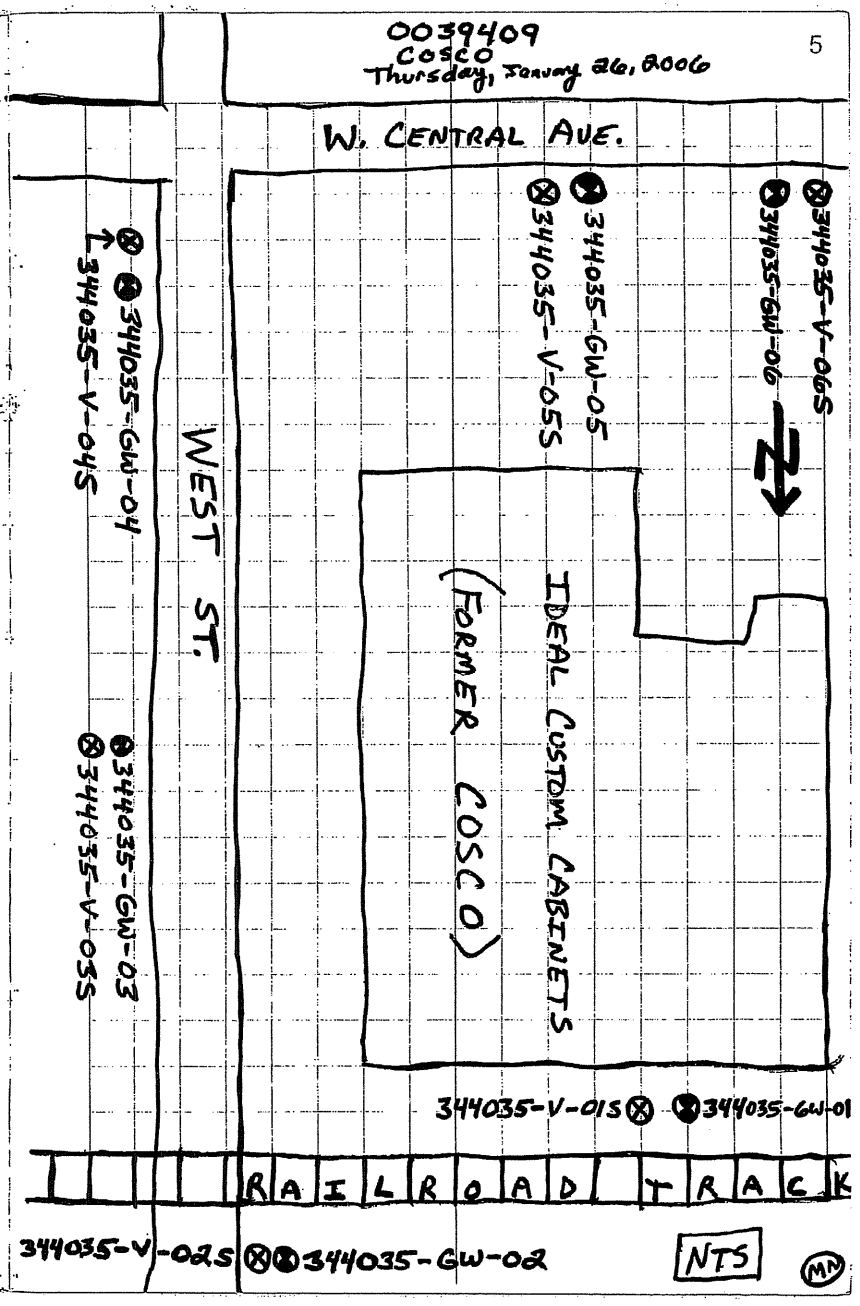
ATTACHMENT A
Field Notes and Sampling Forms

Thursday, January 26, 2006
COSCO
Ramapo, NY
NYSDEC Site # 344035
ERM Project # 0039409

Purpose: Collection of ground water samples
Weather: Clear, Wind NW @ 10-15, High 20's

0820 Mike Nigro (MN) and Todd Marsh (TM) of ERM arrive on site w/ Rental Van.
0830 Chuck Allen of Environmental Cleanup Solutions, Inc. (ECS) arrives on site.
0930 Town of Rockland and other utilities arrive on site to mark-out utilities on COSCO site.
1030 ERM waits for utility mark-out to be completed at Cosco site.
1130 ERM and ECS wait for Town to mark-out utilities at Cosco site.
1230 ERM collects Field Blank (equipment Blank) using peristaltic pump and poly tubing.
Sample ID: 344035-FB(012606)
1235 ECS mobilizes to first location which is in the NW corner of Building.
1240 ECS advances Macro-core at location 01 to determine depth to water.

MN



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Thursday, Janvy 26, 2006

1245 Macro-core #5 wet at ~10' bgs and a Slight sheen is present on core tube at bottom of 5-10' interval.

1300 ECS sets temp. Well to 14' bgs and DTW is 5.20' bgs. Location is GW-01.

1305 ERM begins purging temp. Well for GW-01 and water has a sheen. See diagram on pg. 5 for location.

1320 Turbidity Reading is >1000 NTU.

1322 Turbidity Reading is >1000 NTU.

1325 Turbidity Reading is >1000 NTU.

1330 TM collects sample from GW-01.
Sample ID: 344035-GW-01
TM also collects duplicate sample from GW-01. Sample ID: 344035-GW-DUP(012606)

1332 MW notes that tubing had a "petroleum-like" odor upon removal from Temp. Well.

1335 ECS installs Vapor point - V-01S for sample 344035-V-01S.

1345 ECS installs V-01S to 4' bgs. See page 5 for location.

1445 ECS advances geo-probe at location 02. See diagram on pg. 5 for location.

MW

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Thursday, Janvy 26, 2006

1455 - ECS sets bottom of screen in Temp-Well to 14' bgs.

1505 - ERM measures DTW to be at bottom of screen @ 14' bgs. ECS will advance screen to 19' bgs and then ERM will check DTW.

1515 - ECS sets Temp. Well @ 02 to 19' bgs.

1520 - ERM measures DTW to be 8.00' bgs.

1525 - ERM begins purging Temp. Well @ 02 for sample 344035-GW-02.

1530 - Turbidity Reading is >1000 NTU.

1535 - Turbidity Reading is >1000 NTU.

1540 - Turbidity Reading is >1000 NTU.

1545 - TM collects Sample from GW-02.
Sample ID: 344035-GW-02
TM also collects MS/MSD from 02.
Sample IDs: 344035-GW-MS(012606)
344035-GW-MSD(012606)

1555 - ECS installs VP-02 to 7' bgs for Sample 344035-V-02S.

1605 - ECS relocates to location 03.

1615 - ECS begins advancing Geo-probe for Temp. Well installation - GW-03. See pg. 5 for Location.

MW

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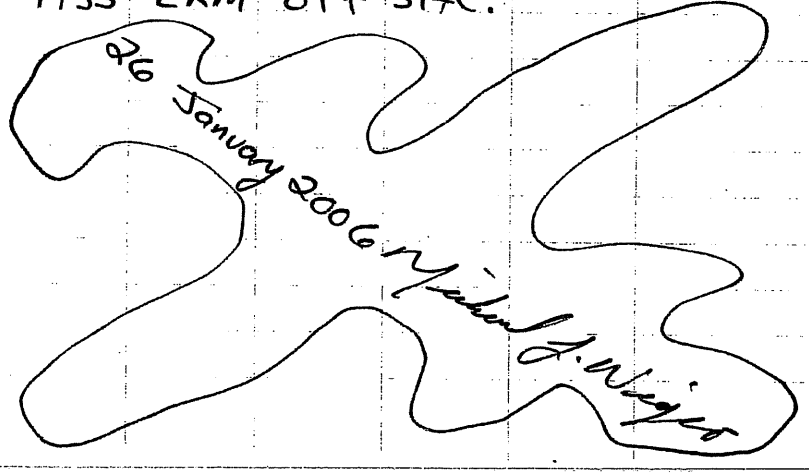
Thursday, January 26, 2006

1625 ECS sets Temp. Well to 19' bgs.
1630 No Water is detected @ 19' bgs.
1645 ECS sets Temp. Well to 24' bgs.
1650 ERM measures DTW to be 12.10' bgs. A confining layer may exist.
1655 ERM begins purging Temp. Well at location for GW-03.
1715 Purge Water is still murky / brown after 20 minutes of purging.
1720 TM collects sample from GW-03. Sample ID: 344035-GW-03
1722 TM checks DTW and measurement is 9.40' bgs after purging.
1725 ECS sets Vapor Point to 8' bgs (MN) [redacted] for sample 344035-V-035.
1735 ERM off-site.



Friday, January 27, 2006

COSCO
Ramapo, NY
NYSDEC Site # 344035
ERM Project # 0039409

Purpose: Collection of ground water samples
Weather: Clear, Calm, ± 25°F

0815 - Mike Nigro (MN) and Todd Marth (TM) of ERM arrive on site w/ Rented Van. Environmental Cleanup Solutions (ECS) is on site upon arrival.
0830 - ERM collects Field Blank (Equipment Blank) using peristaltic pump and poly tubing. Sample ID: 344035-FB(012706)
0835 - ECS advances macro-core at location 04 to determine DTW. See diagram on pg. 5 for location.
0845 - ECS reports refusal @ 18' bgs.
0850 - ECS sets Temp. Well @ 03 to 18' bgs.
0855 - TM measures DTW to be 10.67' bgs.
0858 - ERM begins purging Temp. Well at location 03 with peristaltic pump.
0918 - Turbidity reading is >1000 NTU.
0920 - TM collects from GW-04. Sample ID: 344035-GW-04

(MN)

GROUND WATER SAMPLING RECORD

SITE Cosco DATE 20 Jan 06

PROJECT NUMBER: 00 39409

SAMPLE ID : 344035-GW-01

WELL ID : GW-01

SAMPLERS : TM / MN

	Time Onsite:	Time Offsite:
	0820	1730
	—	—

Depth of well (from top of casing) ..... 14 Time: 1300

Static water level (from top of casing) ..... 5.20 Time: 1300

Water level after purging (from top of casing) ..... — Time: —

Water level before sampling (from top of casing) ..... — Time: —

Purging Method:

- ___ Airlift
- ___ Bailer
- ___ Submersible
- ___ Low-Flow Pump
- X Peristaltic Pump
- ___ Ded. Pump

Well Volume Calculation:

			1 volume	3 volumes
2 in. well:		ft. of water x 0.16 =	gal.	x 3 = gal.
3 in. well:		ft. of water x 0.36 =	gal.	x 3 = gal.
4 in. well:		ft. of water x 0.65 =	gal.	x 3 = gal.
6 in. well:		ft. of water x 1.47 =	gal.	x 3 = gal.

Volume of water removed: _____ gal.

>3 volumes: yes ___ no ___ purged dry? yes ___ no ___

Field Tests:

	pH	Cond.	Turb.	DO	Temp.		DEP	SAL	TDS	ORP
units	-	mg/cm	NTU	g/L	C	F	-	-	g/L	mV
Initial			1000 +							
~~1 Volume~~										
~~2 Volumes~~										
~~3 Volumes~~ Final			1000+							

Sampling

Time of Sample Collection: 1330

Collection Method:		Analyses:		Analytical Method:			
___	Disposable bailer	X	VOCs -	8260 X	503.1 ___	Other ___	
___	Teflon bailer	___	SVOCs				
___	Dedicated pump	___	Metals				
___	Submersible Pump	___	PCB/Pest				
X	Low-Flow Sampling	___	MNA				
___	Other: ___	___	Other				

Observations

Weather/Temperature: Low 20's - Sunny - windy 10-15 mph from W

Sample Description: _____

Free Product? yes ___ no ___ describe _____

Sheen? yes X no ___ describe heavy sheen even on samples

Odor? yes X no ___ describe "old fuel oil - like"

Comments:

purge 20+ minutes do difference in Turbidity took sample at 25 minutes purging

Duplicate taken here 344035-GW-DUP(012006)

GROUND WATER SAMPLING RECORD

SITE Cosco DATE 26 Jan 06

PROJECT NUMBER: 00 39409

SAMPLE ID: 344035-GW-02

WELL ID: GW-02

SAMPLERS: TM, MN

	Time Onsite:	Time Offsite:
	0820	1730
	—	—

Depth of well (from top of casing)	19'	Time: 1520
Static water level (from top of casing)	8' BGS	Time: 1520
Water level after purging (from top of casing)	—	Time: —
Water level before sampling (from top of casing)	—	Time: —

Purging Method:

___	Airlift	___	Low-Flow Pump
___	Bailer	X	Peristaltic Pump
___	Submersible	___	Ded. Pump

Volume of water removed: — gal.

Well Volume Calculation:

		1 volume	3 volumes
2 in. well:	ft. of water x 0.16 =	gal.	x 3 = gal.
3 in. well:	ft. of water x 0.36 =	gal.	x 3 = gal.
4 in. well:	ft. of water x 0.65 =	gal.	x 3 = gal.
6 in. well:	ft. of water x 1.47 =	gal.	x 3 = gal.

>3 volumes: yes ___ no ___ purged dry? yes ___ no ___

Field Tests:

	pH	Cond.	Turb.	DO	Temp.		DEP	SAL	TDS	ORP
units	-	mg/cm	NTU	g/L	C	F	-		g/L	mV
Initial			1000+							
~~1 Volume~~										
~~2 Volumes~~										
Final ~~3 Volumes~~			1000+							

Sampling

Time of Sample Collection: 1545

Collection Method:		Analyses:		Analytical Method:			
___	Disposable bailer	X	VOCs -	8260 X	503.1 ___	Other ___	
___	Teflon bailer	___	SVOCs				
___	Dedicated pump	___	Metals				
___	Submersible Pump	___	PCB/Pest				
X	Low-Flow Sampling	___	MNA				
___	Other: ___	___	Other				

Observations

Weather/Temperature: Sunny - Low 20's - winds 10-15 mph West

Sample Description: ___

Free Product? yes ___ no X describe ___

Sheen? yes ___ no X describe ___

Odor? yes ___ no X describe ___

Comments:

Purged for 20 minutes no change in turbidity

~~NES~~ 344035-GW-MS (012606) and 344035-GW-MSD (012606) taken from this point

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GROUND WATER SAMPLING RECORD

SITE Cosco DATE 26 Jan 04

PROJECT NUMBER: 003 4406

SAMPLE ID : 344035-GW-03

WELL ID : GW-03

SAMPLERS : TM
MN

	Time Onsite:	Time Offsite:
	0920	1730

Depth of well (from top of casing) 24	24'	Time:	
Static water level (from top of casing)	9.41 bgs	Time:	1722
Water level after purging (from top of casing)		Time:	
Water level before sampling (from top of casing)		Time:	

Purging Method:

- ___ Airlift
- ___ Bailer
- ___ Submersible
- ___ Low-Flow Pump
- X Peristaltic Pump
- ___ Ded. Pump

Volume of water removed: X gal.

Well Volume Calculation:

			1 volume	3 volumes
2 in. well:	___	ft. of water x 0.16 =	___ gal.	x 3 = ___ gal.
3 in. well:	___	ft. of water x 0.36 =	___ gal.	x 3 = ___ gal.
4 in. well:	___	ft. of water x 0.65 =	___ gal.	x 3 = ___ gal.
6 in. well:	___	ft. of water x 1.47 =	___ gal.	x 3 = ___ gal.

>3 volumes: yes ___ no ___ purged dry? yes ___ no ___

Field Tests:

	pH	Cond.	Turb.	DO	Temp.	DEP	SAL	TDS	ORP
units	-	mg/cm	NTU	g/L	C F	-	-	g/L	mV
Initial			1000+						
~~1 Volume~~									
~~2 Volumes~~									
Final 3 Volumes			1000+						

Sampling

Time of Sample Collection: 1720

Collection Method:		Analyses:		Analytical Method:		
___	Disposable bailer	X	VOCs -	8260 X	503.1 ___	Other ___
___	Teflon bailer	___	SVOCs			
___	Dedicated pump	___	Metals			
___	Submersible Pump	___	PCB/Pest			
X	Low-Flow Sampling	___	MNA			
___	Other: ___	___	Other			

Observations

Weather/Temperature: Clear - wind 10-15 from west Mid teens

Sample Description: ___

Free Product? yes ___ no X describe ___

Sheen? yes ___ no X describe ___

Odor? yes ___ no X describe ___

Comments: Purged for 20+ ~~min~~ TM min, no change in turbidity took sample after 20 min purging.

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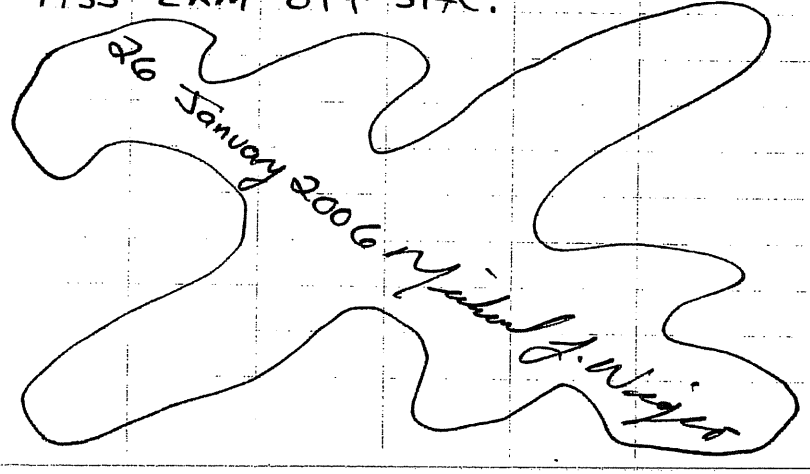
Thursday, January 26, 2006

1625 ECS sets Temp. Well to 19' bgs.
1630 No Water is detected @ 19' bgs.
1645 ECS sets Temp. Well to 24' bgs.
1650 ERM measures DTW to be 12.10' bgs. A confining layer may exist.
1655 ERM begins purging Temp. Well at location for GW-03.
1715 Purge Water is still murky / brown after 20 minutes of purging.
1720 TM collects sample from GW-03.
Sample ID: 344035-GW-03
1722 TM checks DTW and measurement is 9.40' bgs after purging.
1725 ECS sets Vapor Point to 8' bgs (MN) [redacted] for sample 344035-V-035.
1735 ERM off-site.



Friday, January 27, 2006

COSCO

Ramapo, NY

NYSDEC Site # 344035

ERM Project # 0039409

Purpose: Collection of ground water samples

Weather: Clear, Calm, ± 25°F

0815 - Mike Nigro (MN) and Todd Marsh (TM) of ERM arrive on site w/ Rental Van. Environmental Cleanup Solutions (ECS) is on site upon arrival.
0830 - ERM collects Field Blank (Equipment Blank) using peristaltic pump and poly tubing. Sample ID: 344035-FB(012706)
0835 - ECS advances macro-core at location 04 to determine DTW. See diagram on pg. 5 for location.
0845 - ECS reports refusal @ 18' bgs.
0850 - ECS sets Temp. Well @ 03 to 18' bgs.
0855 - TM measures DTW to be 10.67' bgs.
0858 - ERM begins purging Temp. Well at location 03 with peristaltic pump.
0918 - Turbidity reading is >1000 NTU.
0920 - TM collects from GW-04.
Sample ID: 344035-GW-04

(MN)

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Friday, January 27, 2006

0925 ECS installs Vapor point for Sample 344035-V-04S to 8' bgs.

0955 ECS relocates to Location 05 and begins advancing geo-probe.

1005 ECS reports refusal at 14' bgs at location 05. See pg. 5 for location.

1010 ERM measures DTW to be 8.31' bgs. Bottom of well is set @ 14' bgs.

1015 ERM begins purging Temp. Well GW-05.

1033 Purge Water is still dark brown and murky. Water does not appear to be clearing.

1035 TM Collects sample from GW-05.
Sample ID: 344035-GW-05

1040 ECS installs vapor point for sample 344035-V-05S to 7' bgs. See diagram on page 5 for Location.

1050 ECS relocates to Location 06.

1055 ECS advances Geoprobe at location 06.

1100 ECS reports refusal at 4' and 6' bgs at 2 locations. ECS relocates to a 3rd location (MN) ~10 feet West of 2 points.

1120 ECS sets Temp. Well GW-06 to 19' bgs.

1125 ERM measures DTW to be 5.58' bgs.

1127 ERM begins purging Temp. Well GW-06.

(MN)

0039409
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(MN) 7

Friday, January 2[redacted], 2006

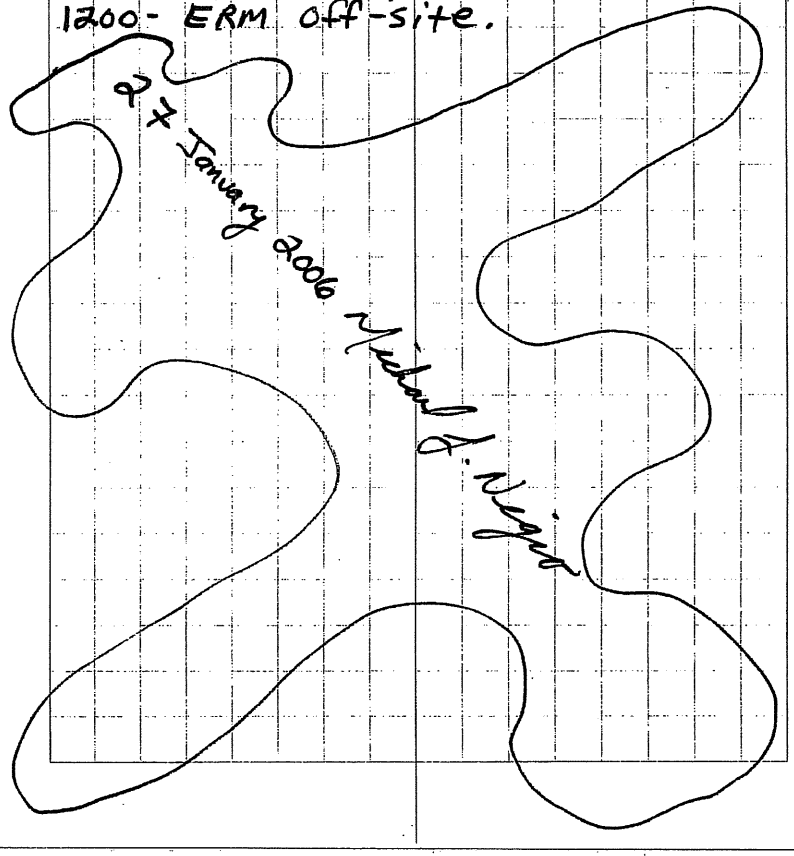
1132 - Turbidity Reading is >1000 NTU.

1145 - Turbidity Reading is >1000 NTU.

1150 - TM Collects sample from GW-06.
Sample ID: 344053-GW-06

1155 - ECS installs Vapor point for Sample 344035-V-06S to 4.5' bgs. See diagram on page 5 for Location.

1200 - ERM off-site.



GROUND WATER SAMPLING RECORD

SITE Casco DATE 27 Jan 06

PROJECT NUMBER: 0039409

SAMPLE ID : 344035-GW-04

WELL ID : GW-04 Time Onsite: Time Offsite:

SAMPLERS : TM 0855 1200

MN

Depth of well (from top of casing) ..... 18 bgs Time: 0855

Static water level (from top of casing) ..... 10.67 bgs Time: 0856

Water level after purging (from top of casing) ..... Time:

Water level before sampling (from top of casing) ..... Time:

Purging Method:

___ Airlift ___ Low-Flow Pump

___ Bailer X Peristaltic Pump

___ Submersible ___ Ded. Pump

Well Volume Calculation:

		1 volume	3 volumes
2 in. well:	ft. of water x 0.16 =	gal.	x 3 = gal.
3 in. well:	ft. of water x 0.36 =	gal.	x 3 = gal.
4 in. well:	ft. of water x 0.65 =	gal.	x 3 = gal.
6 in. well:	ft. of water x 1.47 =	gal.	x 3 = gal.

Volume of water removed: gal. >3 volumes: yes no purged dry? yes no

Field Tests:

	pH	Cond.	Turb.	DO	Temp.	DEP	SAL	TDS	ORP
units	-	mg/cm	NTU	g/L	C F	-	-	g/L	mV
Initial			1000 +						
~~1 Volume~~									
~~2 Volumes~~									
~~3 Volumes~~ Final			1000 +						

Sampling

Time of Sample Collection: 0920

Collection Method:		Analyses:		Analytical Method:			
___	Disposable bailer	X	VOCs -	8260 X	503.1 ___	Other ___	
___	Teflon bailer	___	SVOCs				
___	Dedicated pump	___	Metals				
___	Submersible Pump	___	PCB/Pest				
X	Low-Flow Sampling	___	MNA				
___	Other: ___	___	Other				

Observations

Weather/Temperature: Sunny Mid 20's winds Calm

Sample Description:

Free Product? yes ___ no X describe

Sheen? yes ___ no X describe

Odor? yes ___ no X describe

Comments:

GW was brown - didn't clear below 1000 NTU's waited 20 minutes and took sample.

GROUND WATER SAMPLING RECORD

SITE Cosco DATE 27 Jan 06

PROJECT NUMBER: 003409

SAMPLE ID : 34035-GW-05

WELL ID : GW-05 Time Onsite: Time Offsite:

SAMPLERS : TM 830 1230

MN

Depth of well (from top of casing) ..... 14 bgs Time: 1010

Static water level (from top of casing) ..... 8.31 bgs Time: 1015

Water level after purging (from top of casing) ..... Time:

Water level before sampling (from top of casing) ..... Time:

Purging Method:

___ Airlift ___ Low-Flow Pump

___ Bailer X Peristaltic Pump

___ Submersible ___ Ded. Pump

Volume of water removed: ___ gal.

Well Volume Calculation:

		1 volume	3 volumes
2 in. well:	___ ft. of water x 0.16 =	___ gal.	x 3 = ___ gal.
3 in. well:	___ ft. of water x 0.36 =	___ gal.	x 3 = ___ gal.
4 in. well:	___ ft. of water x 0.65 =	___ gal.	x 3 = ___ gal.
6 in. well:	___ ft. of water x 1.47 =	___ gal.	x 3 = ___ gal.

>3 volumes: yes ___ no ___ purged dry? yes ___ no ___

Field Tests:

	pH	Cond.	Turb.	DO	Temp.	DEP	SAL	TDS	ORP
units	-	mg/cm	NTU	g/L	C F	-	-	g/L	mV
Initial			1000 +						
~~1 Volume~~									
~~2 Volumes~~									
~~3 Volumes~~ Final			1000 +						

Sampling

Time of Sample Collection: 1035

Collection Method:		Analyses:		Analytical Method:			
___	Disposable bailer	X	VOCs -	8260 X	503.1 ___	Other ___	
___	Teflon bailer	___	SVOCs				
___	Dedicated pump	___	Metals				
___	Submersible Pump	___	PCB/Pest				
X	Low-Flow Sampling	___	MNA				
___	Other: ___	___	Other				

Observations

Weather/Temperature: Sunny High 20's winds Calm

Sample Description: ___

Free Product? yes ___ no X describe ___

Sheen? yes ___ no X describe ___

Odor? yes ___ no X describe ___

Comments:

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rev. 12/02

GROUND WATER SAMPLING RECORD

SITE Cosco DATE 27 Jan 06

PROJECT NUMBER: 0039409

SAMPLE ID : 34035-GW-06

WELL ID : GW-06 Time Onsite: 0820 Time Offsite: 1230

SAMPLERS : TM —

MN —

Depth of well (from top of casing) ..... 19 bss _____ Time: _____

Static water level (from top of casing) ..... 5.55 1130 Time: _____

Water level after purging (from top of casing) ..... ~ Time: _____

Water level before sampling (from top of casing) ..... ~ Time: _____

Purging Method:

___ Airlift ___ Low-Flow Pump

___ Bailer X Peristaltic Pump

___ Submersible ___ Ded. Pump

Volume of water removed: ~ gal.

Well Volume Calculation:

			1 volume	3 volumes
2 in. well:	~	ft. of water x 0.16 =	~ gal.	x 3 = ~ gal.
3 in. well:	~	ft. of water x 0.36 =	~ gal.	x 3 = ~ gal.
4 in. well:	~	ft. of water x 0.65 =	~ gal.	x 3 = ~ gal.
6 in. well:	~	ft. of water x 1.47 =	~ gal.	x 3 = ~ gal.

>3 volumes: yes ~ no ___ purged dry? yes ___ no ___

Field Tests:

	pH	Cond.	Turb.	DO	Temp.		DEP	SAL	TDS	ORP
units	-	mg/cm	NTU	g/L	C	F	-	-	g/L	mV
Initial	~	~	1000+	~	~		~	~	~	~
~~1 Volume~~	~	~		~	~		~	~	~	~
~~2 Volumes~~	~	~		~	~		~	~	~	~
Final ~~3 Volumes~~	~	~	1000+	~	~		~	~	~	~

Sampling

Time of Sample Collection: 1150

Collection Method:

___ Disposable bailer

___ Teflon bailer

___ Dedicated pump

___ Submersible Pump

X Low-Flow Sampling

___ Other: _____

Analyses:

X VOCs - Analytical Method: 8260 X 503.1 ___ Other _____

___ SVOCs

___ Metals

___ PCB/Pest

___ MNA

___ Other

Observations

Weather/Temperature: Sunny High 20's wind Calm

Sample Description: ~

Free Product? yes ___ no X describe _____

Sheen? yes ___ no X describe _____

Odor? yes ___ no X describe _____

Comments:

Sample did not clear during purging. Turbidity stayed 1000+ NTU's

Sampled after 20 minutes of purging

Friday, February 3, 2006
NYSDEC VIE Site - COSCO
Ramapo, NY
NYSDEC site # 344035
ERM Project # 0039409

Purpose: Collection of Soil Vapor Samples
Weather: Overcast, Rain, Wind S @ 5-10 mph, ±45°F

0815 Mike Nigro (MN) and Todd Marsh (TM) of ERM arrive on site w/ Rental Van.

0845 ERM prepares equipment for Soil Vapor Sampling at COSCO.

0855 MN calibrates PINE Rental Mini Rae 2000 PID to 103 ppm w/ 100 ppm Isobutylene gas.

0900 ERM mobilizes equipment to begin sampling of vapor point V-04S.

0915 ERM begins purging tubing for vapor point V-04S w/ Mini Rae PID. Peak PID Reading during purging is 20.3 ppm.

0925 ERM perform Helium tracer test on V-04S. No Helium detected from point during 3 runs. ERM checked atmosphere in poly structure and Helium is detected. No infiltration of Helium was observed in Vapor Point V-04S.

(MN)

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Friday, February 3, 2006

0928 - TM turns on Summa Can collecting Sample 344035-V-04S. Summa Can info:
Canister # 10491
Controller # 10624 Pressure = -28" Hg
Start Time: 0928

0930 - ERM mobilizes to V-03S.

0937 - ERM begins purging V-03S w/ PID. Peak Reading during purging is 0.9 ppm.

0939 - ERM performs 3 tracers tests w/ Helium and No Helium was detected in V-03S. ERM checks poly structure and Helium is detected.

0943 - TM turns on Summa Can collecting Sample 344035-V-03S. Summa Can info:
Canister # 10021
Controller # 10645 Pressure = -29" Hg
Start Time: 0943

0951 - ERM begins purging V-02S w/ PID. Peak Reading during purging is 1.4 ppm.

0954 - TM turns on Summa Can collecting Sample 344035-V-02S. Summa Can Info:
Canister # 10591
Controller # 10649 Pressure = -29.5" Hg
Start Time: 0954

(MN)

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Friday, February 3, 2006

1008 ERM begins purging V-01S w/ PID.
Peak Reading during purging is 3.2ppm.
1010 TM turns on Summa Can Collecting Sample 344035-V-01S. Summa Can Info:
Canister # 10009
Controller # 10180 Pressure = -29.5" Hg
Start Time: 1010
ERM also collects duplicate from 01S.
Sample ID: 344035-V-DUP(020306). Summa Info:
Canister # 10590
Controller # 10618 Pressure = -30" Hg
Start Time: 1010
1022 ERM begins purging V-05S w/PID.
Peak Reading during purging is 21.5ppm.
1025 TM turns on Summa Can Collecting Sample 344035-V-05S. Summa Can Info:
Canister # 10156
Controller # 10623 Pressure = -28" Hg
Start Time: 1025
1027 ERM begins purging V-06S w/ PID.
Peak Reading during purging is 9.6ppm.
1030 TM turns on Summa Can Collecting Sample 344035-V-06S. Summa Can Info:
Canister # 10032
Controller # 10643 Pressure = -28" Hg
(MN) Start Time: 1030

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Friday, February 3, 2006

1128- TM shuts off Summa Can at V-04S. Final Pressure Reading is -2" Hg.
1130- MN notes to see diagram on pg.5 for all Soil vapor point locations.
1143- TM shuts off Summa Can at V-03S. Final Pressure Reading is -1.5" Hg.
1154- TM shuts off Summa Can at V-02S. Final Pressure Reading is -3" Hg.
1210- TM shuts off Summa Can at V-01S and duplicate Summa Can. Final Pressure Readings: V-01S = -1" Hg
DUP = -3" Hg
1225- TM shuts off Summa Can at V-05S. Final Pressure Reading is -2" Hg.
1230- TM shuts off Summa Can at V-06S. Final Pressure Reading is -2" Hg.
1240- ERM off-site to mail Summa Cans via Fed-Ex.

3 February 2006 Michael D. Nigro

Environmental Resources Management
5788 Widewaters Parkway
Dewitt, New York 13214
Phone: (315) 445-2554
Fax: (315) 445-2543

Project #: 0039409
Project Name: Cosco
Location:
Project Manager: KP

Sample Location:	Cosco	Collector(s):	tm
Address:	behind building		mN
PID Meter Used: (Model, Serial #)	MiniRae 2000	Building No:	—

SUMMA Canister Record:

INDOOR AIR (IA)		SOIL VAPOR (SV)		OUTDOOR SOIL GAS (OA)	
Canister Serial No.:		Canister Serial No.:	10009	Canister Serial No.:	
Flow Controller Id No:		Flow Controller Id No:	10180	Flow Controller Id No:	
Start Date/Time:		Start Date/Time:	3 Feb 06 / 1010	Start Date/Time:	
Start Pressure: (inches Hg) [1]		Start Pressure: (inches Hg) [1]	29.5	Start Pressure: (inches Hg) [1]	
Stop Date/Time:		Stop Date/Time:	3 Feb 06 / 1210	Stop Date/Time:	
Stop Pressure: (inches Hg) [2]		Stop Pressure: (inches Hg) [2]	1	Stop Pressure: (inches Hg) [2]	
Sample ID:		**Sample ID:**	344035-V-01S	**Sample ID:**	

Other Sampling Information:

PID Reading (ppm)		PID Reading (ppm) Room & as purged	3.2	PID Reading (ppm)	
Story/Level		Ground Surface (pavement, concrete, ~~grass~~) Soil	dirt	Depth of Vapor Probe	
Room	Vapor point	Slab thickness (if applicable)	4.0 ft bgs	Distance from Building	
Indoor Air Temp (°F)		Potential Vapor Pathways Observed?	None	Intake Height Above Ground Level (ft.)	
Intake Height Above Floor Level (ft.)		Noticeable Odor?	NO	Intake Tubing used?	
Noticeable Odor?			NO	Distance to nearest Roadway (ft.)	
Barometric Pressure ("Hg or mb)		Percent $O_2/CO_2/CH_4$	N	Noticeable Odor?	
Duplicate Sample?		Duplicate Sample?	Yes 344035-V-DUP(020306)	Duplicate Sample?	

Comments:

1.- Verify pressure did not decrease noticeably from laboratory reported value (QC limit is 0.029 psi over 24 hours). Project objective is a 3 psi decrease due to limited quality with laboratory supplied pressure gauges. Do not utilize Summa canister with greater than 3 psi pressure difference.

2.- If final pressure does not change much from initial pressure, send sample to lab regardless, however note HOLD on chain-of-custody (COC). Also note for the lab to determine the final pressure in-house and contact the ERM QA/QC coordinator.

If TICs are required they should be specifically requested on the COC (i.e. TO-15 + 10 TICs)

Verify project objectives in regards to holding time (HT) and inform laboratory on the COC if HT is 14 days and not the method suggested 30 days.

Signature: tcm

Environmental Resources Management
5788 Widewaters Parkway
Dewitt, New York 13214
Phone: (315) 445-2554
Fax: (315) 445-2543

Project #: 0039403
Project Name: Cosco
Location:
Project Manager: KP

Sample Location:	Cosco	Collector(s):	tm
Address:	behind building		MN
PID Meter Used: (Model, Serial #)	mini 2000	Building No:	—

SUMMA Canister Record:

INDOOR AIR (IA)		SOIL VAPOR (SV)		OUTDOOR SOIL GAS (OA)	
Canister Serial No.:		Canister Serial No.:	10590	Canister Serial No.:	
Flow Controller Id No:		Flow Controller Id No:	10618	Flow Controller Id No:	
Start Date/Time:		Start Date/Time:	3Feb06 / 1010	Start Date/Time:	
Start Pressure: (inches Hg) [1]		Start Pressure: (inches Hg) [1]	30	Start Pressure: (inches Hg) [1]	
Stop Date/Time:		Stop Date/Time:	3Feb06 / 1210	Stop Date/Time:	
Stop Pressure: (inches Hg) [2]		Stop Pressure: (inches Hg) [2]	3	Stop Pressure: (inches Hg) [2]	
Sample ID:		**Sample ID:**	344035-V-DUP(020306)	**Sample ID:**	

Other Sampling Information:

PID Reading (ppm)		PID Reading (ppm) Room & as purged	3.2	PID Reading (ppm)	
Story/Level		Ground Surface (pavement, concrete, grass)	Dirt	Depth of Vapor Probe	
Room		Slab thickness (if applicable)	4.0' bgs	Distance from Building	
	Vapor point set @				
Indoor Air Temp (°F)		Potential Vapor Pathways Observed?	None	Intake Height Above Ground Level (ft.)	
Intake Height Above Floor Level (ft.)		Noticeable Odor?	NO	Intake Tubing used?	
Noticeable Odor?			—	Distance to nearest Roadway (ft.)	
Barometric Pressure ("Hg or mb)		Percent $O_2/CO_2/CH_4$	—	Noticeable Odor?	
Duplicate Sample?	✓	Duplicate Sample?	Yes of 344035-V-01S	Duplicate Sample?	✓

Comments:

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If TICs are required they should be specifically requested on the COC (i.e. TO-15 + 10 TICs).

Verify project objectives in regards to holding time (HT) and inform laboratory on the COC if HT is 14 days and not the method suggested 30 days.

Signature: TM

Environmental Resources Management
5788 Widewaters Parkway
Dewitt, New York 13214
Phone: (315) 445-2554
Fax: (315) 445-2543

Project #: 0039409
Project Name: Cosco
Location:
Project Manager: KP

Sample Location:	Cosco	Collector(s):	TM MW
Address:	West St		
PID Meter Used: (Model, Serial #)	mini Rae 2000	Building No:	

SUMMA Canister Record:

INDOOR AIR (IA)		SOIL VAPOR (SV)		OUTDOOR SOIL GAS (OA)	
Canister Serial No.:		Canister Serial No.:	10591	Canister Serial No.:	
Flow Controller Id No:		Flow Controller Id No:	18649	Flow Controller Id No:	
Start Date/Time:		Start Date/Time:	3Feb06/0954	Start Date/Time:	
Start Pressure: (inches Hg) [1]		Start Pressure: (inches Hg) [1]	-29.5"	Start Pressure: (inches Hg) [1]	
Stop Date/Time:		Stop Date/Time:	3Feb06/1154	Stop Date/Time:	
Stop Pressure: (inches Hg) [2]		Stop Pressure: (inches Hg) [2]	3	Stop Pressure: (inches Hg) [2]	
Sample ID:		**Sample ID:**	344035-V-02S	**Sample ID:**	
Other Sampling Information:					
PID Reading (ppm)		PID Reading (ppm) Room & as purged	1.1 ppm	PID Reading (ppm)	
Story/Level		Ground Surface (pavement, concrete, grass)	Pavement	Depth of Vapor Probe	
Room		Slab thickness (if applicable) Vapor point set @	5" Pavement set @ 70 lbs	Distance from Building	
Indoor Air Temp (°F)		Potential Vapor Pathways Observed?	none	Intake Height Above Ground Level (ft.)	
Intake Height Above Floor Level (ft.)		Noticeable Odor?	NO	Intake Tubing used?	
Noticeable Odor?			—	Distance to nearest Roadway (ft.)	
Barometric Pressure ("Hg or mb)		Percent $O_2/CO_2/CH_4$	—	Noticeable Odor?	
Duplicate Sample?	✓	Duplicate Sample?	NO	Duplicate Sample?	✓

Comments:

1 - Verify pressure did not decrease noticeably from laboratory reported value (QC limit is 0.029 psi over 24 hours). Project objective is a 3 psi decrease due to limited quality with laboratory supplied pressure gauges. Do not utilize Summa canister with greater than 3 psi pressure difference.

2 - If final pressure does not change much from initial pressure, send sample to lab regardless, however note HOLD on chain-of-custody (COC). Also note for the lab to determine the final pressure in-house and contact the ERM QA/QC coordinator.

If TICs are required they should be specifically requested on the COC (i.e. TO-15 + 10 TICs).

Verify project objectives in regards to holding time (HT) and inform laboratory on the COC if HT is 14 days and not the method suggested 30 days.

Signature: TLM

Environmental Resources Management
5788 Widewaters Parkway
Dewitt, New York 13214
Phone: (315) 445-2554
Fax: (315) 445-2543

Project #: 0039409
Project Name: Cosco
Location:
Project Manager: KP

Sample Location:	~~##~~ Cosco	Collector(s):	TM
Address:	West St		MW
PID Meter Used: (Model, Serial #)	Mini Rae 2000	Building No:	—

SUMMA Canister Record:

INDOOR AIR (IA)		SOIL VAPOR (SV)		OUTDOOR SOIL GAS (OA)	
Canister Serial No.:		Canister Serial No.:	10021	Canister Serial No.:	
Flow Controller Id No:		Flow Controller Id No:	10645	Flow Controller Id No:	
Start Date/Time:		Start Date/Time:	3Feb06/1043	Start Date/Time:	
Start Pressure: (inches Hg) [1]		Start Pressure: (inches Hg) [1]	29	Start Pressure: (inches Hg) [1]	
Stop Date/Time:		Stop Date/Time:	3Feb06/1143	Stop Date/Time:	
Stop Pressure: (inches Hg) [2]		Stop Pressure: (inches Hg) [2]	1.5	Stop Pressure: (inches Hg) [2]	
Sample ID:		**Sample ID:**	344035-V-35	**Sample ID:**	

Other Sampling Information:

PID Reading (ppm)		PID Reading (ppm) Room & as purged	0.9	PID Reading (ppm)	
Story/Level		Ground Surface (pavement, concrete, grass)	Concrete	Depth of Vapor Probe	
Room	Vapor set @	Slab thickness (if applicable)	5" concr set @ 8.0' bss	Distance from Building	
Indoor Air Temp (°F)		Potential Vapor Pathways Observed?	Passed Helium tested	Intake Height Above Ground Level (ft.)	
Intake Height Above Floor Level (ft.)		Noticeable Odor?	NO	Intake Tubing used?	
Noticeable Odor?			—	Distance to nearest Roadway (ft.)	
Barometric Pressure ("Hg or mb)		Percent $O_2/CO_2/CH_4$	—	Noticeable Odor?	
Duplicate Sample?	✓	Duplicate Sample?	NO	Duplicate Sample?	✓

Comments:

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Verify project objectives in regards to holding time (HT) and inform laboratory on the COC if HT is 14 days and not the method suggested 30 days.

Signature: TM

Environmental Resources Management
5788 Widewaters Parkway
Dewitt, New York 13214
Phone: (315) 445-2554
Fax: (315) 445-2543

Project #: 0039609
Project Name: Coco
Location:
Project Manager: KP

Sample Location:	Spring Valley	Collector(s):	TM
Address:	West St.		MN
PID Meter Used: (Model, Serial #)	mini 2000	Building No:	—

SUMMA Canister Record:

INDOOR AIR (IA)		SOIL VAPOR (SV)		OUTDOOR SOIL GAS (OA)	
Canister Serial No.:		Canister Serial No.:	10491	Canister Serial No.:	
Flow Controller Id No:		Flow Controller Id No:	10624	Flow Controller Id No:	
Start Date/Time:		Start Date/Time:	3Feb06 / 0920	Start Date/Time:	
Start Pressure: (inches Hg) [1]		Start Pressure: (inches Hg) [1]	29	Start Pressure: (inches Hg) [1]	
Stop Date/Time:		Stop Date/Time:	3Feb06 / 1120	Stop Date/Time:	
Stop Pressure: (inches Hg) [2]		Stop Pressure: (inches Hg) [2]	-2	Stop Pressure: (inches Hg) [2]	
Sample ID:		**Sample ID:**	344035-V-04S	**Sample ID:**	

Other Sampling Information:					
PID Reading (ppm)		PID Reading (ppm) Room & as purged	20.3 ppm	PID Reading (ppm)	
Story/Level		Ground Surface (pavement, concrete, grass)	Concrete	Depth of Vapor Probe	
Room		Slab thickness (if applicable)	5" - set @ 8:0 bgs	Distance from Building	
Indoor Air Temp (°F)		Potential Vapor Pathways Observed?	Passed Helium tested	Intake Height Above Ground Level (ft.)	
Intake Height Above Floor Level (ft.)		Noticeable Odor?	NO	Intake Tubing used?	
Noticeable Odor?			—	Distance to nearest Roadway (ft.)	
Barometric Pressure ("Hg or mb)		Percent $O_2/CO_2/CH_4$	—	Noticeable Odor?	
Duplicate Sample?		Duplicate Sample?	—	Duplicate Sample?	

Vapor pin set @

Comments:

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Verify project objectives in regards to holding time (HT) and inform laboratory on the COC if HT is 14 days and not the method suggested 30 days.

Signature: TM

Environmental Resources Management
5788 Widewaters Parkway
Dewitt, New York 13214
Phone: (315) 445-2554
Fax: (315) 445-2543

Project #: 0039408
Project Name: Cosco
Location:
Project Manager: KP

Sample Location:	Cosco	Collector(s):	TM
Address:	W Central Ave.		MN
PID Meter Used: (Model. Serial #)	mini Rae 2000	Building No:	—

SUMMA Canister Record:

INDOOR AIR (IA)		SOIL VAPOR (SV)		OUTDOOR SOIL GAS (OA)	
Canister Serial No.:		Canister Serial No.:	10156	Canister Serial No.:	
Flow Controller Id No:		Flow Controller Id No:	10623	Flow Controller Id No:	
Start Date/Time:		Start Date/Time:	3Feb06/ 1025	Start Date/Time:	
Start Pressure: (inches Hg) [1]		Start Pressure: (inches Hg) [1]	28	Start Pressure: (inches Hg) [1]	
Stop Date/Time:		Stop Date/Time:	3Feb06/1225	Stop Date/Time:	
Stop Pressure: (inches Hg) [2]		Stop Pressure: (inches Hg) [2]	2	Stop Pressure: (inches Hg) [2]	
Sample ID:		**Sample ID:**	344035-V-05S	**Sample ID:**	

Other Sampling Information:

PID Reading (ppm)		PID Reading (ppm) Room & as purged	21.5	PID Reading (ppm)	
Story/Level		Ground Surface (pavement, concrete, grass)	Pavement	Depth of Vapor Probe	
Room		Slab thickness (if applicable) Vapor point set @	5" Set @ 7.0' bgs	Distance from Building	
Indoor Air Temp (°F)		Potential Vapor Pathways Observed?	None	Intake Height Above Ground Level (ft.)	
Intake Height Above Floor Level (ft.)		Noticeable Odor?	no	Intake Tubing used?	
Noticeable Odor?			—	Distance to nearest Roadway (ft.)	
Barometric Pressure ("Hg or mb)		Percent $O_2/CO_2/CH_4$	—	Noticeable Odor?	
Duplicate Sample?		Duplicate Sample?	No	Duplicate Sample?	

Comments:

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Signature: TM

Environmental Resources Management
5788 Widewaters Parkway
Dewitt, New York 13214
Phone: (315) 445-2554
Fax: (315) 445-2543

Project #: 039409
Project Name: Cosco
Location:
Project Manager: KP

Sample Location:	Cosco	Collector(s):	TM
Address:	W. Central Ave		MW
PID Meter Used: (Model, Serial #)	Mini Rae 2	Building No:	—

SUMMA Canister Record:

INDOOR AIR (IA)		SOIL VAPOR (SV)		OUTDOOR SOIL GAS (OA)	
Canister Serial No.:		Canister Serial No.:	10032	Canister Serial No.:	
Flow Controller Id No:		Flow Controller Id No:	10643	Flow Controller Id No:	
Start Date/Time:		Start Date/Time:	3Feb06 / 1030	Start Date/Time:	
Start Pressure: (inches Hg) [1]		Start Pressure: (inches Hg) [1]	29	Start Pressure: (inches Hg) [1]	
Stop Date/Time:		Stop Date/Time:	3Feb06 / 1230	Stop Date/Time:	
Stop Pressure: (inches Hg) [2]		Stop Pressure: (inches Hg) [2]	2	Stop Pressure: (inches Hg) [2]	
Sample ID:		Sample ID:	344035-V-06S	Sample ID:	

Other Sampling Information:

PID Reading (ppm)		PID Reading (ppm) Room & as purged	9.6	PID Reading (ppm)	
Story/Level		Ground Surface (pavement, concrete, grass)	dirt wet	Depth of Vapor Probe	
Room		Slab thickness (if applicable) Vapor point set @	~~surface~~ 4.5' bgs	Distance from Building	
Indoor Air Temp (°F)		Potential Vapor Pathways Observed?	None	Intake Height Above Ground Level (ft.)	
Intake Height Above Floor Level (ft.)		Noticeable Odor?	NO	Intake Tubing used?	
Noticeable Odor?			—	Distance to nearest Roadway (ft.)	
Barometric Pressure ("Hg or mb)		Percent $O_2/CO_2/CH_4$	—	Noticeable Odor?	
Duplicate Sample?		Duplicate Sample?	NO	Duplicate Sample?	

Comments:

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Signature: TM

ATTACHMENT D

Data Usability Report and Data Validation Report for Ground Water

ENVIRONMENTAL
Data Services, Inc.

VOLATILE ORGANIC COMPOUNDS
USEPA Region II - Level IV Review

Site: NYSDEC-VI Sites - Site 344035, COSCO SDG #: ME0092

Client: ERM-Northeast, Inc., Melville NY Date: March 24, 2006

Laboratory: Mitkem Corporation, Warwick RI Reviewer: Christine Garvey

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	344035-TRIP BLANK	E0092-01A	Water
2	344035-FB (012606)	E0092-02A	Water
3	344035-GW-01	E0092-03A	Water
4	344035-GW-02	E0092-04A	Water
4 MS	344035-GW-02 MS	E0092-04A MS	Water
4 MSD	344035-GW-02 MSD	E0092-04A MSD	Water
5	344035-GW-03	E0092-05A	Water
6	344035-FB (012706)	E0092-06A	Water
7	344035-GW-04	E0092-07A	Water
8	344035-GW-05	E0092-08A	Water
9	344035-GW-06	E0092-09A	Water
10	344035-DUP (012606)	E0092-10A	Water

The USEPA Region II SOP HW-24, Revision 1, June 1999: Validating Volatile Organic Compounds by SW-846 Method 8260B was used in evaluating the data in this summary report.

Sample Conditions/Problems - The Traffic Reports/Chain-of-Custody Records, Sampling Report and/or Laboratory Case Narrative did not indicate any problems with sample receipt, condition of samples, analytical problems or special circumstances affecting the quality of the data.

Holding Times - All samples were analyzed within 14 days for preserved water samples.

Surrogates - All samples exhibited acceptable surrogate recoveries.

Matrix Spike - The matrix spike samples exhibited acceptable %R values.

Laboratory Control Sample - The LCS sample(s) exhibited acceptable %R values.

Method Blank - The method blank was free of contamination with the exception of the following.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
VBLK14	Methylene chloride	1	10	U	2,4,5,6,7,8,9
	Naphthalene	1	5	U	1,3,5

Trip, Field, Equipment Blank - Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Action Level ug/L	Qualifier	Affected Samples
Trip Blank	None	ND	--	--	--
FB012606	Chloroform	1	5	U	5
FB012706	Chloroform	1	5	None	Non-detect

GC/MS Instrument Performance Check - All of the BFB tunes in the initial and continuing calibrations met the percent relative abundance criteria.

Target Compound List (TCL) Analytes - The Form Is were present with the required header information. All mass spectral data were included and no discrepancies were identified.

Tentatively Identified Compounds (TIC) - TICs were not present in the samples.

Compound Quantitation and Reported Detection Limits - No discrepancies were identified.

GC/MS Initial Calibration - The initial calibrations exhibited acceptable %RSD and/or correlation coefficients and mean RRF values except the following:

ICAL Date	Compound	%RSD/RRF	Qualifier	Affected Samples
02/01/06	Acetone	%RSD=60.7	UJ	1-10
	Methylene chloride	%RSD=15.2	UJ	1-10
	Vinyl acetate	%RSD=25.6	UJ	1-10
	2-Butanone	%RSD=25.3	UJ	1-10
	Chloroform	%RSD=21.3	J/UJ	1-10
	2-Hexanone	%RSD=29.5	UJ	1-10
	Naphthalene	%RSD=31.8	UJ	1-10

GC/MS Continuing Calibration - The continuing calibrations exhibited acceptable %D and RRF values except the following:

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
02/02/06	2-Hexanone	%D=25.9	None	Already qualified
	Naphthalene	%D=23.3	None	Already qualified

Internal Standard (IS) Area Performance - All internal standards met response and retention time (RT) criteria.

Field Duplicates - Field duplicate results are summarized below.

Compound	344035-GW-01 ug/L	344035-DUP (012606) ug/L	RPD	Qualifier
Vinyl chloride	23	24	4%	None
Cis-1-2-dichloroethene	54	57	5%	None
Toluene	1J	1J	0%	None
Ethylbenzene	1J	5U	NC	None
1,2,4-Trimethylbenzene	1J	1J	0%	None
1,2,3-Trichlorobenzene	1J	5U	NC	None
Trichloroethene	1J	1J	0%	None

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

344035-
GW-01

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3042

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	23	
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 UJ
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U UJ
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 UJ
108-05-4	Vinyl acetate	5	U UJ
78-93-3	2-Butanone	54	
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U UJ
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	1	J
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	1	J
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane		

03/24/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
344035
GW-01

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3042

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

03124106
6

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

3uu035
GW-01

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-03A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3042

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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02/24/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

3W1035
DUP012606

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3047

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5	U
74-87-3	Chloromethane	5	U
75-01-4	Vinyl Chloride	24	
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 UJ
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U UJ
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 UJ
108-05-4	Vinyl acetate	5	U UJ
78-93-3	2-Butanone	57	
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U UJ
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	1	J
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
108-10-1	4-Methyl-2-pentanone	1	J
108-88-3	Toluene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
79-00-5	1,1,2-Trichloroethane		

03/24/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
344035
DUP012606

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3047

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

03/24/06
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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

344035
DUP012606

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-10A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3047

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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03/24/06
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
344035
GW-02

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3039

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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~~ UJ
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	~~1~~ JB UJ
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~~ UJ
108-05-4	Vinyl acetate	5	~~U~~ UJ
78-93-3	2-Butanone	31	
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	~~U~~ UJ
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	61	
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
344035
GW-02

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3039

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

344035
GW-02

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-04A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3039

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
344035
GW-03

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3043

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
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 UJ
67-64-1	Acetone		5	U
74-88-4	Iodomethane		5	U
75-15-0	Carbon Disulfide		5	U
75-09-2	Methylene Chloride	5	1	J B UJ
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
108-05-4	Vinyl acetate		5	U UJ
78-93-3	2-Butanone		5	U UJ
156-59-2	cis-1,2-Dichloroethene		5	U
590-20-7	2,2-Dichloropropane		5	U
74-97-5	Bromochloromethane		5	U
67-66-3	Chloroform	5	2	J UJ
71-55-6	1,1,1-Trichloroethane		5	U
563-58-6	1,1-Dichloropropene		5	U
56-23-5	Carbon Tetrachloride		5	U
107-06-2	1,2-Dichloroethane		5	U
71-43-2	Benzene		5	U
79-01-6	Trichloroethene		5	U
78-87-5	1,2-Dichloropropane		5	U
74-95-3	Dibromomethane		5	U
75-27-4	Bromodichloromethane		5	U
10061-01-5	cis-1,3-Dichloropropene		5	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

03/24/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
344035
GW-03

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3043

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

03/24/06

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

344035
GW-03

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-05A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3043

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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03/24/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

344035
GW-04

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3044

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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 UJ
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U JB UJ
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 UJ
108-05-4	Vinyl acetate	5	U UJ
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U UJ
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	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

03/24/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
344035
GW-04

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3044

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

03/24/06
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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

344035
GW-04

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-07A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3044

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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03/24/06
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
344035
GW-05

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3045

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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 UJ
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	U
75-09-2	Methylene Chloride	2	JB UJ
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
108-05-4	Vinyl acetate	5	U UJ
78-93-3	2-Butanone	5	U UJ
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	U
67-66-3	Chloroform	5	U UJ
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	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

03/24/06

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
3LLL035
GW-05

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3045

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

03/24/06

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

344035
GW-05

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-08A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3045

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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03/24/06

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

344035
GW-06

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3046

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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~~ UJ
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	~~1~~ JB UJ
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~~ UJ
108-05-4	Vinyl acetate	5	~~U~~ UJ
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	~~U~~ UJ
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	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

03/24/06
CG

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

3E11035
GW-06

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3046

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

03/24/06
G

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

344035
GW-06

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-09A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3046

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

Number TICs found: 0

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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03/24/06
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

344035-
FB012606

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3037

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
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~~ UJ
67-64-1	Acetone		5	U
74-88-4	Iodomethane		5	U
75-15-0	Carbon Disulfide		5	~~3~~ JB UJ
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~~ UJ
108-05-4	Vinyl acetate		5	~~U~~ UJ
78-93-3	2-Butanone		5	U
156-59-2	cis-1,2-Dichloroethene		5	U
590-20-7	2,2-Dichloropropane		5	U
74-97-5	Bromochloromethane		1	~~J~~ J
67-66-3	Chloroform		5	U
71-55-6	1,1,1-Trichloroethane		5	U
563-58-6	1,1-Dichloropropene		5	U
56-23-5	Carbon Tetrachloride		5	U
107-06-2	1,2-Dichloroethane		5	U
71-43-2	Benzene		5	U
79-01-6	Trichloroethene		5	U
78-87-5	1,2-Dichloropropane		5	U
74-95-3	Dibromomethane		5	U
75-27-4	Bromodichloromethane		5	U
10061-01-5	cis-1,3-Dichloropropene		5	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

03/24/06
G

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
3C4035-
FB012606

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3037

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

03/24/06

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

3A1035 - FB012606

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3037

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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03/24/06

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

344035
FB012706

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3038

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
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 UJ
67-64-1	Acetone		5	U
74-88-4	Iodomethane		5	U
75-15-0	Carbon Disulfide		5	U
75-09-2	Methylene Chloride	5	3	JB UJ
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
108-05-4	Vinyl acetate		5	U UJ
78-93-3	2-Butanone		5	U UJ
156-59-2	cis-1,2-Dichloroethene		5	U
590-20-7	2,2-Dichloropropane		5	U
74-97-5	Bromochloromethane		5	U
67-66-3	Chloroform		1	J J
71-55-6	1,1,1-Trichloroethane		5	U
563-58-6	1,1-Dichloropropene		5	U
56-23-5	Carbon Tetrachloride		5	U
107-06-2	1,2-Dichloroethane		5	U
71-43-2	Benzene		5	U
79-01-6	Trichloroethene		5	U
78-87-5	1,2-Dichloropropane		5	U
74-95-3	Dibromomethane		5	U
75-27-4	Bromodichloromethane		5	U
10061-01-5	cis-1,3-Dichloropropene		5	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

03/24/06
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

344035
FB012706

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3038

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

03/24/06

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

3000035
FB012706

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3038

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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03/24/06
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3036

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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~~ UJ
67-64-1	Acetone	5	U
74-88-4	Iodomethane	5	U
75-15-0	Carbon Disulfide	5	~~U~~ UJ
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~~ UJ
108-05-4	Vinyl acetate	5	~~U~~ UJ
78-93-3	2-Butanone	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
590-20-7	2,2-Dichloropropane	5	U
74-97-5	Bromochloromethane	5	~~U~~ UJ
67-66-3	Chloroform	5	U
71-55-6	1,1,1-Trichloroethane	5	U
563-58-6	1,1-Dichloropropene	5	U
56-23-5	Carbon Tetrachloride	5	U
107-06-2	1,2-Dichloroethane	5	U
71-43-2	Benzene	5	U
79-01-6	Trichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
74-95-3	Dibromomethane	5	U
75-27-4	Bromodichloromethane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3036

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

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

03/24/06

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIPBLANK

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: ME0092

Matrix: (soil/water) WATER Lab Sample ID: E0092-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V1H3036

Level: (low/med) LOW Date Received: 01/30/06

% Moisture: not dec. _____ Date Analyzed: 02/02/06

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

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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03/24/06

ATTACHMENT E

Data Usability Report and Data Validation Report for Soil Vapor

ENVIRONMENTAL
Data Services, Inc.

VOLATILE ORGANIC COMPOUNDS
USEPA Region II - Level IV Review

Site: NYSDEC - IV Sites - 344035 - COSCO SDG #: X1262

Client: ERM, Northeast Inc., Melville NY Date: April 5, 2006

Laboratory: Chemtech, Mountainside NJ Reviewer: Christine Garvey

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	344035-V-01S	X1262-01	Air
1 DL	344035-V-01S DL	X1262-01 DL	Air
2	344035-V-02S	X1262-02	Air
2 DL	344035-V-02S DL	X1262-02 DL	Air
3	344035-V-03S	X1262-03	Air
4	344035-V-04S	X1262-04	Air
4 DL	344035-V-04S DL	X1262-04 DL	Air
5	344035-V-05S	X1262-05	Air
5 DL	344035-V-05S DL	X1262-05 DL	Air
6	344035-V-06S	X1262-06	Air
6 DL	344035-V-06S DL	X1262-06 DL	Air
7	344035-V-DUP (020306)	X1262-07	Air
7 DL	344035-V-DUP (020306) DL	X1262-07 DL	Air

USEPA Region II SOP HW-18, Revision 0, August 1994, Validating Canisters of Volatile Organics in Ambient Air in conjunction with professional judgment were used in evaluating the data in this summary report.

Cover letter, Narrative and Data Reporting Forms - All criteria were met.

Canister Certification Blanks - The batch blank checks were non-detect or less than the reporting limit except the following:

Blank ID	Compound	Conc. ppbv	Qualifier	Affected Samples
VBM0131A1	Carbon Disulfide	0.14	U	6

Canister Certification Pressure Differences - All criteria were met.

Chains-of-Custody and Traffic Reports - All criteria were met.

Holding Times - All samples were analyzed within 14 days for air samples except the following:

Sample ID	Sample date	Analysis Date	# Days	Qualifier
1	02/03/06	02/25/06	22	None
1 DL	02/03/06	03/02/06	27	None
2	02/03/06	02/25/06	22	None
2 DL	02/03/06	02/25/06	22	None
3	02/03/06	03/01/06	26	None
4	02/03/06	03/01/06	26	None
4 DL	02/03/06	03/01/06	26	None
5	02/03/06	03/02/06	27	None
5 DL	02/03/06	03/01/06	26	None
6	02/03/06	03/02/06	27	None
6 DL	02/03/06	03/01/06	26	None
7	02/03/06	03/01/06	26	None
7 DL	02/03/06	03/02/06	27	None

Surrogates - All surrogates exhibited acceptable surrogate recoveries.

MS/MSD - A MS/MSD sample was not analyzed.

Laboratory Control Samples - The LCS samples exhibited acceptable %R values.

GC/MS Tuning - The laboratory utilized SW-846 protocol for the bromofluorobenzene (BFB) tune criteria and continuing calibration verification (CCV) frequency. All BFB tunes met QC criteria. While the USEPA Region II validation SOP specifies a 12 hour BFB tune window and continuing calibration frequency, the SW-846 protocol and the Method TO-15 sequence requirement allow for a 24 hour window and continuing calibration frequency. The client has approved these modifications and no qualification of the sample data is required.

Internal Standard (IS) Area Performance - All internal standards met response and retention time criteria.

Initial Calibration - All %RSD and average RRF criteria were met.

Continuing Calibration - All %D and RRF criteria were met.

Method Blank - The method blanks exhibited the following contamination:

Blank ID	Compound	Conc. ug/m3	Action Level ug/m3	Qualifier	Affected Samples
VBLK0224A1	1,2,4-Trichlorobenzene	4.44	22.2	U	1, 2, 2DL
	Hexachloro-1,3-butadiene	4.27	21.35	U	1, 2, 2DL
VBLK0301A1	Methylene chloride	1.39	6.95	U	3, 4
VBLK0302A1	Acetone	0.47	2.35	U	1 DL
	Methylene chloride	1.39	6.95	U	5, 6

Trip, Field, Equipment blank - Field QC samples were not analyzed.

Blind Field Duplicate Sample Precision - Field duplicate results are summarized below:

Compound	344035-V-01S ug/m3	344035-V-DUP (020306) ug/m3	RPD	Qualifier
Ethyl acetate	46.79	7.20 U	NC	J/UJ
Acetone	21.82	12.34	55	J
trans-1,2-Dichloroethene	30.94	24.60	23	None
cis-1,2-Dichloroethene	674.44	555.42	19	None
Trichloroethene	4386.30	6429.45	38	None
Bromodichloromethane	13.42 U	53.66	NC	J/UJ
Toluene	37.63	18.06	70	J
Tetrachloroethene	1289.98	950.51	30	None
1,3,5-Trimethylbenzene	34.36	9.82 U	NC	None
1,2,4-Trimethylbenzene	39.26	9.82 U	NC	None

Compound Quantitation - Several samples exhibited various analytes that exceeded the linear range of the curve and were qualified (E) by the laboratory. The samples were reanalyzed at various dilutions. The diluted results were transferred to the original Form Is.

Several samples were reanalyzed and several results non-detect in the original analysis were positive detections in the reanalysis. These positive results were transferred to the original Form Is for reporting purposes.

EDS sample # 7 exhibited trichloroethene that exceeded the linear range of the curve and was qualified (E) by the laboratory. The sample was reanalyzed at a 50X dilution with trichloroethene still over the linear range. The diluted result was then transferred to the original Form I and qualified (J) by the reviewer.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-01S	SDG No.:	X1262
Lab Sample ID:	X1262-01	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL022414.D	20	2/25/2006	VL022406

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	9.9	U	9.9	9.9
74-87-3	Chloromethane	4.09	U	4.09	4.09
75-01-4	Vinyl Chloride	5.11	U	5.11	5.11
74-83-9	Bromomethane	7.77	U	7.77	7.77
75-00-3	Chloroethane	5.32	U	5.32	5.32
75-69-4	Trichlorofluoromethane	11.21	U	11.21	11.21
67-63-0	Isopropyl Alcohol	9.82	U	9.82	9.82
76-14-2	Dichlorotetrafluoethane	13.99	U	13.99	13.99
76-13-1	1,1,2-Trichlorotrifluoroethane	15.3	U	15.3	15.3
593-60-2	Bromoethene	8.75	U	8.75	8.75
115-07-1	Propene	3.44	U	3.44	3.44
142-82-5	Heptane	8.18	U	8.18	8.18
75-35-4	1,1-Dichloroethene	7.93	U	7.93	7.93
141-78-6	Ethyl Acetate	47.5	J	7.2	7.2
67-64-1	Acetone	21.8	J	9.49	9.49
75-15-0	Carbon disulfide	6.22	U	6.22	6.22
1634-04-4	Methyl tert-butyl Ether	7.2	U	7.2	7.2
75-09-2	Methylene Chloride	13.91	U	13.91	13.91
107-05-1	Allyl Chloride	6.3	U	6.3	6.3
156-60-5	trans-1,2-Dichloroethene	30.9		7.93	7.93
108-05-4	Vinyl Acetate	7.03	U	7.03	7.03
75-34-3	1,1-Dichloroethane	8.1	U	8.1	8.1
110-82-7	Cyclohexane	6.71	U	6.71	6.71
78-93-3	2-Butanone	11.78	U	11.78	11.78
56-23-5	Carbon Tetrachloride	12.6	U	12.6	12.6
156-59-2	cis-1,2-Dichloroethene	692		7.93	7.93
67-66-3	Chloroform	9.73	U	9.73	9.73
123-91-1	1,4-Dioxane	14.4	U	14.4	14.4
71-55-6	1,1,1-Trichloroethane	10.88	U	10.88	10.88
109-99-9	Tetrahydrofuran	11.78	U	11.78	11.78
540-84-1	2,2,4-Trimethylpentane	9.33	U	9.33	9.33

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

415104

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-01S	SDG No.:	X1262
Lab Sample ID:	X1262-01	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL022414.D	20	2/25/2006	VL022406

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	6.38	U	6.38	6.38
107-06-2	1,2-Dichloroethane	8.1	U	8.1	8.1
79-01-6	Trichloroethene	~~5475~~ 4303	~~E~~	~~10.72~~ 24.65	~~10.72~~ 24.65
78-87-5	1,2-Dichloropropane	9.24	U	9.24	9.24
75-27-4	Bromodichloromethane	13.42	~~U~~ UJ	13.42	13.42
108-10-1	4-Methyl-2-Pentanone	16.36	U	16.36	16.36
108-88-3	Toluene	37.6	J	7.53	7.53
10061-02-6	t-1,3-Dichloropropene	9.08	U	9.08	9.08
10061-01-5	cis-1,3-Dichloropropene	9.08	U	9.08	9.08
79-00-5	1,1,2-Trichloroethane	10.88	U	10.88	10.88
591-78-6	2-Hexanone	16.36	U	16.36	16.36
124-48-1	Dibromochloromethane	17.01	U	17.01	17.01
106-93-4	1,2-Dibromoethane	15.38	U	15.38	15.38
127-18-4	Tetrachloroethene	1275		13.58	13.58
108-90-7	Chlorobenzene	9.24	U	9.24	9.24
100-41-4	Ethyl Benzene	8.67	U	8.67	8.67
126777-61-2	m/p-Xylene	17.34	U	17.34	17.34
95-47-6	o-Xylene	8.67	U	8.67	8.67
100-42-5	Styrene	8.51	U	8.51	8.51
75-25-2	Bromoform	20.7	U	20.7	20.7
79-34-5	1,1,2,2-Tetrachloroethane	13.74	U	13.74	13.74
108-67-8	1,3,5-Trimethylbenzene	34.4		9.82	9.82
95-63-6	1,2,4-Trimethylbenzene	39.3		9.82	9.82
622-96-8	4-Ethyltoluene	9.82	U	9.82	9.82
541-73-1	1,3-Dichlorobenzene	12.02	U	12.02	12.02
106-46-7	1,4-Dichlorobenzene	12.02	U	12.02	12.02
95-50-1	1,2-Dichlorobenzene	12.02	U	12.02	12.02
120-82-1	1,2,4-Trichlorobenzene	75.5	~~B~~ U	14.81	14.81
87-68-3	Hexachloro-1,3-butadiene	76.9	~~B~~ U	21.35	21.35
106-99-0	1,3-Butadiene	4.42	U	4.42	4.42
110-54-3	Hexane	14.07	U	14.07	14.07
100-44-7	Benzyl Chloride	11.53	U	11.53	11.53

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-01SDL	SDG No.:	X1262
Lab Sample ID:	X1262-01DL	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030205.D	46	3/2/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	22.76	U	22.76	22.76
74-87-3	Chloromethane	9.41	U	9.41	9.41
75-01-4	Vinyl Chloride	11.76	U	11.76	11.76
74-83-9	Bromomethane	17.87	U	17.87	17.87
75-00-3	Chloroethane	12.23	U	12.23	12.23
75-69-4	Trichlorofluoromethane	25.78	U	25.78	25.78
67-63-0	Isopropyl Alcohol	22.58	U	22.58	22.58
76-14-2	Dichlorotetrafluoethane	32.17	U	32.17	32.17
76-13-1	1,1,2-Trichlorotrifluoroethane	35.18	U	35.18	35.18
593-60-2	Bromoethene	20.13	U	20.13	20.13
115-07-1	Propene	7.9	U	7.9	7.9
142-82-5	Heptane	18.81	U	18.81	18.81
75-35-4	1,1-Dichloroethene	18.25	U	18.25	18.25
141-78-6	Ethyl Acetate	16.56	U	16.56	16.56
67-64-1	Acetone	27.3	~~DB~~ U	21.82	21.82
75-15-0	Carbon disulfide	14.3	U	14.3	14.3
1634-04-4	Methyl tert-butyl Ether	16.56	U	16.56	16.56
75-09-2	Methylene Chloride	31.98	U	31.98	31.98
107-05-1	Allyl Chloride	14.49	U	14.49	14.49
156-60-5	trans-1,2-Dichloroethene	21.9	D	18.25	18.25
108-05-4	Vinyl Acetate	16.18	U	16.18	16.18
75-34-3	1,1-Dichloroethane	18.63	U	18.63	18.63
110-82-7	Cyclohexane	15.43	U	15.43	15.43
78-93-3	2-Butanone	27.09	U	27.09	27.09
56-23-5	Carbon Tetrachloride	28.97	U	28.97	28.97
156-59-2	cis-1,2-Dichloroethene	527	D	18.25	18.25
67-66-3	Chloroform	22.39	U	22.39	22.39
123-91-1	1,4-Dioxane	33.11	U	33.11	33.11
71-55-6	1,1,1-Trichloroethane	25.02	U	25.02	25.02
109-99-9	Tetrahydrofuran	27.09	U	27.09	27.09
540-84-1	2,2,4-Trimethylpentane	21.45	U	21.45	21.45

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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-01SDL	SDG No.:	X1262
Lab Sample ID:	X1262-01DL	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

See Orgl analysis

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030205.D	46	3/2/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	14.67	U	14.67	14.67
107-06-2	1,2-Dichloroethane	18.63	U	18.63	18.63
79-01-6	Trichloroethene	4303	D	24.65	24.65
78-87-5	1,2-Dichloropropane	21.26	U	21.26	21.26
75-27-4	Bromodichloromethane	30.85	U	30.85	30.85
108-10-1	4-Methyl-2-Pentanone	37.63	U	37.63	37.63
108-88-3	Toluene	27.7	D	17.31	17.31
10061-02-6	t-1,3-Dichloropropene	20.88	U	20.88	20.88
10061-01-5	cis-1,3-Dichloropropene	20.88	U	20.88	20.88
79-00-5	1,1,2-Trichloroethane	25.02	U	25.02	25.02
591-78-6	2-Hexanone	37.63	U	37.63	37.63
124-48-1	Dibromochloromethane	39.13	U	39.13	39.13
106-93-4	1,2-Dibromoethane	35.37	U	35.37	35.37
127-18-4	Tetrachloroethene	940	D	31.23	31.23
108-90-7	Chlorobenzene	21.26	U	21.26	21.26
100-41-4	Ethyl Benzene	19.94	U	19.94	19.94
126777-61-2	m/p-Xylene	39.89	U	39.89	39.89
95-47-6	o-Xylene	19.94	U	19.94	19.94
100-42-5	Styrene	19.57	U	19.57	19.57
75-25-2	Bromoform	47.6	U	47.6	47.6
79-34-5	1,1,2,2-Tetrachloroethane	31.61	U	31.61	31.61
108-67-8	1,3,5-Trimethylbenzene	22.58	U	22.58	22.58
95-63-6	1,2,4-Trimethylbenzene	22.58	U	22.58	22.58
622-96-8	4-Ethyltoluene	22.58	U	22.58	22.58
541-73-1	1,3-Dichlorobenzene	27.66	U	27.66	27.66
106-46-7	1,4-Dichlorobenzene	27.66	U	27.66	27.66
95-50-1	1,2-Dichlorobenzene	27.66	U	27.66	27.66
120-82-1	1,2,4-Trichlorobenzene	34.05	U	34.05	34.05
87-68-3	Hexachloro-1,3-butadiene	49.1	U	49.1	49.1
106-99-0	1,3-Butadiene	10.16	U	10.16	10.16
110-54-3	Hexane	32.36	U	32.36	32.36
100-44-7	Benzyl Chloride	26.53	U	26.53	26.53

U = Not Detected
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MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-02S	SDG No.:	X1262
Lab Sample ID:	X1262-02	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL022416.D	4	2/25/2006	VL022406

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	3.37		1.98	1.98
74-87-3	Chloromethane	1.8		0.82	0.82
75-01-4	Vinyl Chloride	1.02	U	1.02	1.02
74-83-9	Bromomethane	1.55	U	1.55	1.55
75-00-3	Chloroethane	1.06	U	1.06	1.06
75-69-4	Trichlorofluoromethane	~~453~~ 602	~~E~~	~~2.24~~ 11.21	~~2.24~~ 11.21
67-63-0	Isopropyl Alcohol	1.96	U	1.96	1.96
76-14-2	Dichlorotetrafluoethane	2.8	U	2.8	2.8
76-13-1	1,1,2-Trichlorotrifluoroethane	3.67		3.06	3.06
593-60-2	Bromoethene	1.75	U	1.75	1.75
115-07-1	Propene	0.69	U	0.69	0.69
142-82-5	Heptane	1.64	U	1.64	1.64
75-35-4	1,1-Dichloroethene	132		1.59	1.59
141-78-6	Ethyl Acetate	1.44	U	1.44	1.44
67-64-1	Acetone	28.8		1.9	1.9
75-15-0	Carbon disulfide	1.24	U	1.24	1.24
1634-04-4	Methyl tert-butyl Ether	1.44	U	1.44	1.44
75-09-2	Methylene Chloride	2.78	U	2.78	2.78
107-05-1	Allyl Chloride	1.26	U	1.26	1.26
156-60-5	trans-1,2-Dichloroethene	1.59	U	1.59	1.59
108-05-4	Vinyl Acetate	1.41	U	1.41	1.41
75-34-3	1,1-Dichloroethane	1.62	U	1.62	1.62
110-82-7	Cyclohexane	1.34	U	1.34	1.34
78-93-3	2-Butanone	2.36	U	2.36	2.36
56-23-5	Carbon Tetrachloride	5.04		2.52	2.52
156-59-2	cis-1,2-Dichloroethene	~~414~~ 547	~~E~~	~~1.59~~ 7.93	~~1.59~~ 7.93
67-66-3	Chloroform	14.8		1.95	1.95
123-91-1	1,4-Dioxane	2.88	U	2.88	2.88
71-55-6	1,1,1-Trichloroethane	2.18	U	2.18	2.18
109-99-9	Tetrahydrofuran	2.36	U	2.36	2.36
540-84-1	2,2,4-Trimethylpentane	1.87	U	1.87	1.87

U = Not Detected
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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-02S	SDG No.:	X1262
Lab Sample ID:	X1262-02	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL022416.D	4	2/25/2006	VL022406

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	1.28	U	1.28	1.28
107-06-2	1,2-Dichloroethane	1.62	U	1.62	1.62
79-01-6	Trichloroethene	186		2.14	2.14
78-87-5	1,2-Dichloropropane	1.85	U	1.85	1.85
75-27-4	Bromodichloromethane	2.68	U	2.68	2.68
108-10-1	4-Methyl-2-Pentanone	3.27	U	3.27	3.27
108-88-3	Toluene	1.51	U	1.51	1.51
10061-02-6	t-1,3-Dichloropropene	1.82	U	1.82	1.82
10061-01-5	cis-1,3-Dichloropropene	1.82	U	1.82	1.82
79-00-5	1,1,2-Trichloroethane	2.18	U	2.18	2.18
591-78-6	2-Hexanone	3.27	U	3.27	3.27
124-48-1	Dibromochloromethane	3.4	U	3.4	3.4
106-93-4	1,2-Dibromoethane	3.08	U	3.08	3.08
127-18-4	Tetrachloroethene	2.72	U	2.72	2.72
108-90-7	Chlorobenzene	1.85	U	1.85	1.85
100-41-4	Ethyl Benzene	1.73	U	1.73	1.73
126777-61-2	m/p-Xylene	3.47	U	3.47	3.47
95-47-6	o-Xylene	1.73	U	1.73	1.73
100-42-5	Styrene	1.7	U	1.7	1.7
75-25-2	Bromoform	4.14	U	4.14	4.14
79-34-5	1,1,2,2-Tetrachloroethane	2.75	U	2.75	2.75
108-67-8	1,3,5-Trimethylbenzene	1.96	U	1.96	1.96
95-63-6	1,2,4-Trimethylbenzene	1.96	U	1.96	1.96
622-96-8	4-Ethyltoluene	1.96	U	1.96	1.96
541-73-1	1,3-Dichlorobenzene	2.4	U	2.4	2.4
106-46-7	1,4-Dichlorobenzene	2.4	U	2.4	2.4
95-50-1	1,2-Dichlorobenzene	2.4	U	2.4	2.4
120-82-1	1,2,4-Trichlorobenzene	14.2	~~B~~ U	2.96	2.96
87-68-3	Hexachloro-1,3-butadiene	14.5	~~B~~ U	4.27	4.27
106-99-0	1,3-Butadiene	0.88	U	0.88	0.88
110-54-3	Hexane	2.81	U	2.81	2.81
100-44-7	Benzyl Chloride	2.31	U	2.31	2.31

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-02SDL	SDG No.:	X1262
Lab Sample ID:	X1262-02DL	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

See Original Analysis

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL022415.D	20	2/25/2006	VL022406

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	9.9	U	9.9	9.9
74-87-3	Chloromethane	4.09	U	4.09	4.09
75-01-4	Vinyl Chloride	5.11	U	5.11	5.11
74-83-9	Bromomethane	7.77	U	7.77	7.77
75-00-3	Chloroethane	5.32	U	5.32	5.32
75-69-4	Trichlorofluoromethane	602	D	11.21	11.21
67-63-0	Isopropyl Alcohol	9.82	U	9.82	9.82
76-14-2	Dichlorotetrafluoethane	13.99	U	13.99	13.99
76-13-1	1,1,2-Trichlorotrifluoroethane	15.3	U	15.3	15.3
593-60-2	Bromoethene	8.75	U	8.75	8.75
115-07-1	Propene	3.44	U	3.44	3.44
142-82-5	Heptane	8.18	U	8.18	8.18
75-35-4	1,1-Dichloroethene	166	D	7.93	7.93
141-78-6	Ethyl Acetate	7.2	U	7.2	7.2
67-64-1	Acetone	36.1	D	9.49	9.49
75-15-0	Carbon disulfide	6.22	U	6.22	6.22
1634-04-4	Methyl tert-butyl Ether	7.2	U	7.2	7.2
75-09-2	Methylene Chloride	13.91	U	13.91	13.91
107-05-1	Allyl Chloride	6.3	U	6.3	6.3
156-60-5	trans-1,2-Dichloroethene	7.93	U	7.93	7.93
108-05-4	Vinyl Acetate	7.03	U	7.03	7.03
75-34-3	1,1-Dichloroethane	8.1	U	8.1	8.1
110-82-7	Cyclohexane	6.71	U	6.71	6.71
78-93-3	2-Butanone	11.78	U	11.78	11.78
56-23-5	Carbon Tetrachloride	12.6	U	12.6	12.6
156-59-2	cis-1,2-Dichloroethene	547	D	7.93	7.93
67-66-3	Chloroform	18.5	D	9.73	9.73
123-91-1	1,4-Dioxane	14.4	U	14.4	14.4
71-55-6	1,1,1-Trichloroethane	10.88	U	10.88	10.88
109-99-9	Tetrahydrofuran	11.78	U	11.78	11.78
540-84-1	2,2,4-Trimethylpentane	9.33	U	9.33	9.33

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-02SDL	SDG No.:	X1262
Lab Sample ID:	X1262-02DL	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL022415.D	20	2/25/2006	VL022406

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	6.38	U	6.38	6.38
107-06-2	1,2-Dichloroethane	8.1	U	8.1	8.1
79-01-6	Trichloroethene	238	D	10.72	10.72
78-87-5	1,2-Dichloropropane	9.24	U	9.24	9.24
75-27-4	Bromodichloromethane	13.42	U	13.42	13.42
108-10-1	4-Methyl-2-Pentanone	16.36	U	16.36	16.36
108-88-3	Toluene	7.53	U	7.53	7.53
10061-02-6	t-1,3-Dichloropropene	9.08	U	9.08	9.08
10061-01-5	cis-1,3-Dichloropropene	9.08	U	9.08	9.08
79-00-5	1,1,2-Trichloroethane	10.88	U	10.88	10.88
591-78-6	2-Hexanone	16.36	U	16.36	16.36
124-48-1	Dibromochloromethane	17.01	U	17.01	17.01
106-93-4	1,2-Dibromoethane	15.38	U	15.38	15.38
127-18-4	Tetrachloroethene	13.58	U	13.58	13.58
108-90-7	Chlorobenzene	9.24	U	9.24	9.24
100-41-4	Ethyl Benzene	8.67	U	8.67	8.67
126777-61-2	m/p-Xylene	17.34	U	17.34	17.34
95-47-6	o-Xylene	8.67	U	8.67	8.67
100-42-5	Styrene	8.51	U	8.51	8.51
75-25-2	Bromoform	20.7	U	20.7	20.7
79-34-5	1,1,2,2-Tetrachloroethane	13.74	U	13.74	13.74
108-67-8	1,3,5-Trimethylbenzene	9.82	U	9.82	9.82
95-63-6	1,2,4-Trimethylbenzene	9.82	U	9.82	9.82
622-96-8	4-Ethyltoluene	9.82	U	9.82	9.82
541-73-1	1,3-Dichlorobenzene	12.02	U	12.02	12.02
106-46-7	1,4-Dichlorobenzene	12.02	U	12.02	12.02
95-50-1	1,2-Dichlorobenzene	12.02	U	12.02	12.02
120-82-1	1,2,4-Trichlorobenzene	71.1	DB	14.81	14.81
87-68-3	Hexachloro-1,3-butadiene	72.6	DB	21.35	21.35
106-99-0	1,3-Butadiene	4.42	U	4.42	4.42
110-54-3	Hexane	14.07	U	14.07	14.07
100-44-7	Benzyl Chloride	11.53	U	11.53	11.53

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

041706

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-03S	SDG No.:	X1262
Lab Sample ID:	X1262-03	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030114.D	2	3/1/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	2.28		0.99	0.99
74-87-3	Chloromethane	0.41	U	0.41	0.41
75-01-4	Vinyl Chloride	0.51	U	0.51	0.51
74-83-9	Bromomethane	0.78	U	0.78	0.78
75-00-3	Chloroethane	0.53	U	0.53	0.53
75-69-4	Trichlorofluoromethane	1.12		1.12	1.12
67-63-0	Isopropyl Alcohol	1.91		0.98	0.98
76-14-2	Dichlorotetrafluoethane	1.4	U	1.4	1.4
76-13-1	1,1,2-Trichlorotrifluoroethane	1.53	U	1.53	1.53
593-60-2	Bromoethene	0.88	U	0.88	0.88
115-07-1	Propene	0.34	U	0.34	0.34
142-82-5	Heptane	0.9		0.82	0.82
75-35-4	1,1-Dichloroethene	0.79	U	0.79	0.79
141-78-6	Ethyl Acetate	10.1		0.72	0.72
67-64-1	Acetone	43.3		0.95	0.95
75-15-0	Carbon disulfide	3.11		0.62	0.62
1634-04-4	Methyl tert-butyl Ether	0.72	U	0.72	0.72
75-09-2	Methylene Chloride	4.38	~~B~~ U	1.39	1.39
107-05-1	Allyl Chloride	0.63	U	0.63	0.63
156-60-5	trans-1,2-Dichloroethene	0.79	U	0.79	0.79
108-05-4	Vinyl Acetate	0.7	U	0.7	0.7
75-34-3	1,1-Dichloroethane	0.81	U	0.81	0.81
110-82-7	Cyclohexane	0.67	U	0.67	0.67
78-93-3	2-Butanone	4.18		1.18	1.18
56-23-5	Carbon Tetrachloride	1.26	U	1.26	1.26
156-59-2	cis-1,2-Dichloroethene	0.79	U	0.79	0.79
67-66-3	Chloroform	0.97	U	0.97	0.97
123-91-1	1,4-Dioxane	1.44	U	1.44	1.44
71-55-6	1,1,1-Trichloroethane	2.83		1.09	1.09
109-99-9	Tetrahydrofuran	1.18	U	1.18	1.18
540-84-1	2,2,4-Trimethylpentane	0.93	U	0.93	0.93

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04103104
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-03S	SDG No.:	X1262
Lab Sample ID:	X1262-03	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030114.D	2	3/1/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	4.15		0.64	0.64
107-06-2	1,2-Dichloroethane	0.81	U	0.81	0.81
79-01-6	Trichloroethene	1.07	U	1.07	1.07
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.92
75-27-4	Bromodichloromethane	1.34	U	1.34	1.34
108-10-1	4-Methyl-2-Pentanone	1.64		1.64	1.64
108-88-3	Toluene	91.6		0.75	0.75
10061-02-6	t-1,3-Dichloropropene	0.91	U	0.91	0.91
10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.91	0.91
79-00-5	1,1,2-Trichloroethane	1.09	U	1.09	1.09
591-78-6	2-Hexanone	1.64	U	1.64	1.64
124-48-1	Dibromochloromethane	1.7	U	1.7	1.7
106-93-4	1,2-Dibromoethane	1.54	U	1.54	1.54
127-18-4	Tetrachloroethene	2.44		1.36	1.36
108-90-7	Chlorobenzene	0.92	U	0.92	0.92
100-41-4	Ethyl Benzene	14.9		0.87	0.87
126777-61-2	m/p-Xylene	56.9		1.73	1.73
95-47-6	o-Xylene	11.8		0.87	0.87
100-42-5	Styrene	5.19		0.85	0.85
75-25-2	Bromoform	2.07	U	2.07	2.07
79-34-5	1,1,2,2-Tetrachloroethane	1.37	U	1.37	1.37
108-67-8	1,3,5-Trimethylbenzene	1.87		0.98	0.98
95-63-6	1,2,4-Trimethylbenzene	8.34		0.98	0.98
622-96-8	4-Ethyltoluene	5.99		0.98	0.98
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	1.2
106-46-7	1,4-Dichlorobenzene	2.28		1.2	1.2
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	1.48	U	1.48	1.48
87-68-3	Hexachloro-1,3-butadiene	2.13	U	2.13	2.13
106-99-0	1,3-Butadiene	0.44	U	0.44	0.44
110-54-3	Hexane	1.41	U	1.41	1.41
100-44-7	Benzyl Chloride	1.15	U	1.15	1.15

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04105706
(a)

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-04S	SDG No.:	X1262
Lab Sample ID:	X1262-04	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030119.D	2	3/1/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	1.98		0.99	0.99
74-87-3	Chloromethane	0.41	U	0.41	0.41
75-01-4	Vinyl Chloride	0.51	U	0.51	0.51
74-83-9	Bromomethane	0.78	U	0.78	0.78
75-00-3	Chloroethane	0.53	U	0.53	0.53
75-69-4	Trichlorofluoromethane	1.12	U	1.12	1.12
67-63-0	Isopropyl Alcohol	3.19		0.98	0.98
76-14-2	Dichlorotetrafluoethane	1.4	U	1.4	1.4
76-13-1	1,1,2-Trichlorotrifluoroethane	1.53	U	1.53	1.53
593-60-2	Bromoethene	0.88	U	0.88	0.88
115-07-1	Propene	0.34	U	0.34	0.34
142-82-5	Heptane	0.9		0.82	0.82
75-35-4	1,1-Dichloroethene	0.79	U	0.79	0.79
141-78-6	Ethyl Acetate	0.72	U	0.72	0.72
67-64-1	Acetone	~~174~~ 185	~~E~~	~~0.95~~ 4.74	~~0.95~~ 4.74
75-15-0	Carbon disulfide	2.05		0.62	0.62
1634-04-4	Methyl tert-butyl Ether	0.72	U	0.72	0.72
75-09-2	Methylene Chloride	1.74	~~B~~ 4	1.39	1.39
107-05-1	Allyl Chloride	0.63	U	0.63	0.63
156-60-5	trans-1,2-Dichloroethene	0.79	U	0.79	0.79
108-05-4	Vinyl Acetate	0.7	U	0.7	0.7
75-34-3	1,1-Dichloroethane	0.81	U	0.81	0.81
110-82-7	Cyclohexane	0.67	U	0.67	0.67
78-93-3	2-Butanone	3.3		1.18	1.18
56-23-5	Carbon Tetrachloride	1.26	U	1.26	1.26
156-59-2	cis-1,2-Dichloroethene	0.79	U	0.79	0.79
67-66-3	Chloroform	0.97	U	0.97	0.97
123-91-1	1,4-Dioxane	1.44	U	1.44	1.44
71-55-6	1,1,1-Trichloroethane	1.09	U	1.09	1.09
109-99-9	Tetrahydrofuran	1.18	U	1.18	1.18
540-84-1	2,2,4-Trimethylpentane	0.93	U	0.93	0.93

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04403706

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-04S	SDG No.:	X1262
Lab Sample ID:	X1262-04	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030119.D	2	3/1/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	2.87		0.64	0.64
107-06-2	1,2-Dichloroethane	0.81	U	0.81	0.81
79-01-6	Trichloroethene	1.07	U	1.07	1.07
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.92
75-27-4	Bromodichloromethane	1.34	U	1.34	1.34
108-10-1	4-Methyl-2-Pentanone	1.64	U	1.64	1.64
108-88-3	Toluene	63.4		0.75	0.75
10061-02-6	t-1,3-Dichloropropene	0.91	U	0.91	0.91
10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.91	0.91
79-00-5	1,1,2-Trichloroethane	1.09	U	1.09	1.09
591-78-6	2-Hexanone	1.64	U	1.64	1.64
124-48-1	Dibromochloromethane	1.7	U	1.7	1.7
106-93-4	1,2-Dibromoethane	1.54	U	1.54	1.54
127-18-4	Tetrachloroethene	1.77		1.36	1.36
108-90-7	Chlorobenzene	0.92	U	0.92	0.92
100-41-4	Ethyl Benzene	10.2		0.87	0.87
126777-61-2	m/p-Xylene	38.9		1.73	1.73
95-47-6	o-Xylene	7.98		0.87	0.87
100-42-5	Styrene	3.91		0.85	0.85
75-25-2	Bromoform	2.07	U	2.07	2.07
79-34-5	1,1,2,2-Tetrachloroethane	1.37	U	1.37	1.37
108-67-8	1,3,5-Trimethylbenzene	1.28		0.98	0.98
95-63-6	1,2,4-Trimethylbenzene	5.6		0.98	0.98
622-96-8	4-Ethyltoluene	4.02		0.98	0.98
541-73-1	1,3-Dichlorobenzene	1.68		1.2	1.2
106-46-7	1,4-Dichlorobenzene	1.8		1.2	1.2
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	1.48	U	1.48	1.48
87-68-3	Hexachloro-1,3-butadiene	2.13	U	2.13	2.13
106-99-0	1,3-Butadiene	0.44	U	0.44	0.44
110-54-3	Hexane	1.55		1.41	1.41
100-44-7	Benzyl Chloride	1.15	U	1.15	1.15

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04165706

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-04SDL	SDG No.:	X1262
Lab Sample ID:	X1262-04DL	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030115.D	10	3/1/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	4.95	U	4.95	4.95
74-87-3	Chloromethane	2.04	U	2.04	2.04
75-01-4	Vinyl Chloride	2.56	U	2.56	2.56
74-83-9	Bromomethane	3.89	U	3.89	3.89
75-00-3	Chloroethane	2.66	U	2.66	2.66
75-69-4	Trichlorofluoromethane	5.6	U	5.6	5.6
67-63-0	Isopropyl Alcohol	4.91	U	4.91	4.91
76-14-2	Dichlorotetrafluoethane	6.99	U	6.99	6.99
76-13-1	1,1,2-Trichlorotrifluoroethane	7.65	U	7.65	7.65
593-60-2	Bromoethene	4.38	U	4.38	4.38
115-07-1	Propene	1.72	U	1.72	1.72
142-82-5	Heptane	4.09	U	4.09	4.09
75-35-4	1,1-Dichloroethene	3.97	U	3.97	3.97
141-78-6	Ethyl Acetate	3.6	U	3.6	3.6
67-64-1	Acetone	188	D	4.74	4.74
75-15-0	Carbon disulfide	3.11	U	3.11	3.11
1634-04-4	Methyl tert-butyl Ether	3.6	U	3.6	3.6
75-09-2	Methylene Chloride	6.95	U	6.95	6.95
107-05-1	Allyl Chloride	3.15	U	3.15	3.15
156-60-5	trans-1,2-Dichloroethene	3.97	U	3.97	3.97
108-05-4	Vinyl Acetate	3.52	U	3.52	3.52
75-34-3	1,1-Dichloroethane	4.05	U	4.05	4.05
110-82-7	Cyclohexane	3.35	U	3.35	3.35
78-93-3	2-Butanone	5.89	U	5.89	5.89
56-23-5	Carbon Tetrachloride	6.3	U	6.3	6.3
156-59-2	cis-1,2-Dichloroethene	3.97	U	3.97	3.97
67-66-3	Chloroform	4.87	U	4.87	4.87
123-91-1	1,4-Dioxane	7.2	U	7.2	7.2
71-55-6	1,1,1-Trichloroethane	5.44	U	5.44	5.44
109-99-9	Tetrahydrofuran	5.89	U	5.89	5.89
540-84-1	2,2,4-Trimethylpentane	4.66	U	4.66	4.66

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04105106
G

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-04SDL	SDG No.:	X1262
Lab Sample ID:	X1262-04DL	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030115.D	10	3/1/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	3.19	U	3.19	3.19
107-06-2	1,2-Dichloroethane	4.05	U	4.05	4.05
79-01-6	Trichloroethene	5.36	U	5.36	5.36
78-87-5	1,2-Dichloropropane	4.62	U	4.62	4.62
75-27-4	Bromodichloromethane	6.71	U	6.71	6.71
108-10-1	4-Methyl-2-Pentanone	8.18	U	8.18	8.18
108-88-3	Toluene	62.5	D	3.76	3.76
10061-02-6	t-1,3-Dichloropropene	4.54	U	4.54	4.54
10061-01-5	cis-1,3-Dichloropropene	4.54	U	4.54	4.54
79-00-5	1,1,2-Trichloroethane	5.44	U	5.44	5.44
591-78-6	2-Hexanone	8.18	U	8.18	8.18
124-48-1	Dibromochloromethane	8.51	U	8.51	8.51
106-93-4	1,2-Dibromoethane	7.69	U	7.69	7.69
127-18-4	Tetrachloroethene	6.79	U	6.79	6.79
108-90-7	Chlorobenzene	4.62	U	4.62	4.62
100-41-4	Ethyl Benzene	9.54	D	4.34	4.34
126777-61-2	m/p-Xylene	36.9	D	8.67	8.67
95-47-6	o-Xylene	7.37	D	4.34	4.34
100-42-5	Styrene	4.25	U	4.25	4.25
75-25-2	Bromoform	10.35	U	10.35	10.35
79-34-5	1,1,2,2-Tetrachloroethane	6.87	U	6.87	6.87
108-67-8	1,3,5-Trimethylbenzene	4.91	U	4.91	4.91
95-63-6	1,2,4-Trimethylbenzene	4.91	D	4.91	4.91
622-96-8	4-Ethyltoluene	4.91	U	4.91	4.91
541-73-1	1,3-Dichlorobenzene	6.01	U	6.01	6.01
106-46-7	1,4-Dichlorobenzene	6.01	U	6.01	6.01
95-50-1	1,2-Dichlorobenzene	6.01	U	6.01	6.01
120-82-1	1,2,4-Trichlorobenzene	7.4	U	7.4	7.4
87-68-3	Hexachloro-1,3-butadiene	10.67	U	10.67	10.67
106-99-0	1,3-Butadiene	2.21	U	2.21	2.21
110-54-3	Hexane	7.03	U	7.03	7.03
100-44-7	Benzyl Chloride	5.77	U	5.77	5.77

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04/05/06 CE

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-05S	SDG No.:	X1262
Lab Sample ID:	X1262-05	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030120.D	2	3/2/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	0.99	U	0.99	0.99
74-87-3	Chloromethane	0.41	U	0.41	0.41
75-01-4	Vinyl Chloride	0.51	U	0.51	0.51
74-83-9	Bromomethane	0.78	U	0.78	0.78
75-00-3	Chloroethane	0.53	U	0.53	0.53
75-69-4	Trichlorofluoromethane	1.12	U	1.12	1.12
67-63-0	Isopropyl Alcohol	0.98	U	0.98	0.98
76-14-2	Dichlorotetrafluoethane	1.4	U	1.4	1.4
76-13-1	1,1,2-Trichlorotrifluoroethane	1.53	U	1.53	1.53
593-60-2	Bromoethene	0.88	U	0.88	0.88
115-07-1	Propene	0.34	U	0.34	0.34
142-82-5	Heptane	1.06		0.82	0.82
75-35-4	1,1-Dichloroethene	0.79	U	0.79	0.79
141-78-6	Ethyl Acetate	~~0.72~~ 10.8	~~U~~	~~0.72~~ 7.2	~~0.72~~ 7.2
67-64-1	Acetone	~~254~~ 396	~~E~~	~~0.95~~ 9.49	~~0.95~~ 9.49
75-15-0	Carbon disulfide	1.37		0.62	0.62
1634-04-4	Methyl tert-butyl Ether	0.72	U	0.72	0.72
75-09-2	Methylene Chloride	1.39	~~B~~ U	1.39	1.39
107-05-1	Allyl Chloride	0.63	U	0.63	0.63
156-60-5	trans-1,2-Dichloroethene	0.79	U	0.79	0.79
108-05-4	Vinyl Acetate	0.7	U	0.7	0.7
75-34-3	1,1-Dichloroethane	0.81	U	0.81	0.81
110-82-7	Cyclohexane	0.67	U	0.67	0.67
78-93-3	2-Butanone	3.65		1.18	1.18
56-23-5	Carbon Tetrachloride	1.26	U	1.26	1.26
156-59-2	cis-1,2-Dichloroethene	0.79	U	0.79	0.79
67-66-3	Chloroform	0.97	U	0.97	0.97
123-91-1	1,4-Dioxane	1.44	U	1.44	1.44
71-55-6	1,1,1-Trichloroethane	1.09	U	1.09	1.09
109-99-9	Tetrahydrofuran	1.18	U	1.18	1.18
540-84-1	2,2,4-Trimethylpentane	0.93		0.93	0.93

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04105106

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-05S	SDG No.:	X1262
Lab Sample ID:	X1262-05	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030120.D	2	3/2/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	2.04		0.64	0.64
107-06-2	1,2-Dichloroethane	0.81	U	0.81	0.81
79-01-6	Trichloroethene	1.07	U	1.07	1.07
78-87-5	1,2-Dichloropropane	0.92	U	0.92	0.92
75-27-4	Bromodichloromethane	1.34	U	1.34	1.34
108-10-1	4-Methyl-2-Pentanone	1.64	U	1.64	1.64
108-88-3	Toluene	44.3		0.75	0.75
10061-02-6	t-1,3-Dichloropropene	0.91	U	0.91	0.91
10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.91	0.91
79-00-5	1,1,2-Trichloroethane	1.09	U	1.09	1.09
591-78-6	2-Hexanone	1.64	U	1.64	1.64
124-48-1	Dibromochloromethane	1.7	U	1.7	1.7
106-93-4	1,2-Dibromoethane	1.54	U	1.54	1.54
127-18-4	Tetrachloroethene	1.36	U	1.36	1.36
108-90-7	Chlorobenzene	0.92	U	0.92	0.92
100-41-4	Ethyl Benzene	6.85		0.87	0.87
126777-61-2	m/p-Xylene	23.5		1.73	1.73
95-47-6	o-Xylene	5.12		0.87	0.87
100-42-5	Styrene	1.96		0.85	0.85
75-25-2	Bromoform	2.07	U	2.07	2.07
79-34-5	1,1,2,2-Tetrachloroethane	1.37	U	1.37	1.37
108-67-8	1,3,5-Trimethylbenzene	0.98	U	0.98	0.98
95-63-6	1,2,4-Trimethylbenzene	3.73		0.98	0.98
622-96-8	4-Ethyltoluene	2.26		0.98	0.98
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	1.2
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	1.2
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	1.2
120-82-1	1,2,4-Trichlorobenzene	1.48	U	1.48	1.48
87-68-3	Hexachloro-1,3-butadiene	2.13	U	2.13	2.13
106-99-0	1,3-Butadiene	0.44	U	0.44	0.44
110-54-3	Hexane	1.41	U	1.41	1.41
100-44-7	Benzyl Chloride	1.15	U	1.15	1.15

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04107166
C

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-05SDL	SDG No.:	X1262
Lab Sample ID:	X1262-05DL	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

Sel original analysis

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030116.D	20	3/1/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	9.9	U	9.9	9.9
74-87-3	Chloromethane	4.09	U	4.09	4.09
75-01-4	Vinyl Chloride	5.11	U	5.11	5.11
74-83-9	Bromomethane	7.77	U	7.77	7.77
75-00-3	Chloroethane	5.32	U	5.32	5.32
75-69-4	Trichlorofluoromethane	11.21	U	11.21	11.21
67-63-0	Isopropyl Alcohol	9.82	U	9.82	9.82
76-14-2	Dichlorotetrafluoethane	13.99	U	13.99	13.99
76-13-1	1,1,2-Trichlorotrifluoroethane	15.3	U	15.3	15.3
593-60-2	Bromoethene	8.75	U	8.75	8.75
115-07-1	Propene	3.44	U	3.44	3.44
142-82-5	Heptane	8.18	U	8.18	8.18
75-35-4	1,1-Dichloroethene	7.93	U	7.93	7.93
141-78-6	Ethyl Acetate	10.8	D	7.2	7.2
67-64-1	Acetone	396	D	9.49	9.49
75-15-0	Carbon disulfide	6.22	U	6.22	6.22
1634-04-4	Methyl tert-butyl Ether	7.2	U	7.2	7.2
75-09-2	Methylene Chloride	13.91	U	13.91	13.91
107-05-1	Allyl Chloride	6.3	U	6.3	6.3
156-60-5	trans-1,2-Dichloroethene	7.93	U	7.93	7.93
108-05-4	Vinyl Acetate	7.03	U	7.03	7.03
75-34-3	1,1-Dichloroethane	8.1	U	8.1	8.1
110-82-7	Cyclohexane	6.71	U	6.71	6.71
78-93-3	2-Butanone	11.78	U	11.78	11.78
56-23-5	Carbon Tetrachloride	12.6	U	12.6	12.6
156-59-2	cis-1,2-Dichloroethene	7.93	U	7.93	7.93
67-66-3	Chloroform	9.73	U	9.73	9.73
123-91-1	1,4-Dioxane	14.4	U	14.4	14.4
71-55-6	1,1,1-Trichloroethane	10.88	U	10.88	10.88
109-99-9	Tetrahydrofuran	11.78	U	11.78	11.78
540-84-1	2,2,4-Trimethylpentane	9.33	U	9.33	9.33

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04105106
a

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-05SDL	SDG No.:	X1262
Lab Sample ID:	X1262-05DL	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030116.D	20	3/1/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	6.38	U	6.38	6.38
107-06-2	1,2-Dichloroethane	8.1	U	8.1	8.1
79-01-6	Trichloroethene	10.72	U	10.72	10.72
78-87-5	1,2-Dichloropropane	9.24	U	9.24	9.24
75-27-4	Bromodichloromethane	13.42	U	13.42	13.42
108-10-1	4-Methyl-2-Pentanone	16.36	U	16.36	16.36
108-88-3	Toluene	57.2	D	7.53	7.53
10061-02-6	t-1,3-Dichloropropene	9.08	U	9.08	9.08
10061-01-5	cis-1,3-Dichloropropene	9.08	U	9.08	9.08
79-00-5	1,1,2-Trichloroethane	10.88	U	10.88	10.88
591-78-6	2-Hexanone	16.36	U	16.36	16.36
124-48-1	Dibromochloromethane	17.01	U	17.01	17.01
106-93-4	1,2-Dibromoethane	15.38	U	15.38	15.38
127-18-4	Tetrachloroethene	13.58	U	13.58	13.58
108-90-7	Chlorobenzene	9.24	U	9.24	9.24
100-41-4	Ethyl Benzene	8.67	U	8.67	8.67
126777-61-2	m/p-Xylene	26.9	D	17.34	17.34
95-47-6	o-Xylene	8.67	U	8.67	8.67
100-42-5	Styrene	8.51	U	8.51	8.51
75-25-2	Bromoform	20.7	U	20.7	20.7
79-34-5	1,1,2,2-Tetrachloroethane	13.74	U	13.74	13.74
108-67-8	1,3,5-Trimethylbenzene	9.82	U	9.82	9.82
95-63-6	1,2,4-Trimethylbenzene	9.82	U	9.82	9.82
622-96-8	4-Ethyltoluene	9.82	U	9.82	9.82
541-73-1	1,3-Dichlorobenzene	12.02	U	12.02	12.02
106-46-7	1,4-Dichlorobenzene	12.02	U	12.02	12.02
95-50-1	1,2-Dichlorobenzene	12.02	U	12.02	12.02
120-82-1	1,2,4-Trichlorobenzene	14.81	U	14.81	14.81
87-68-3	Hexachloro-1,3-butadiene	21.35	U	21.35	21.35
106-99-0	1,3-Butadiene	4.42	U	4.42	4.42
110-54-3	Hexane	14.07	U	14.07	14.07
100-44-7	Benzyl Chloride	11.53	U	11.53	11.53

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04/03/06
G

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-06S	SDG No.:	X1262
Lab Sample ID:	X1262-06	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030121.D	1	3/2/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	0.49	U	0.49	0.49
74-87-3	Chloromethane	0.2	U	0.2	0.2
75-01-4	Vinyl Chloride	0.26	U	0.26	0.26
74-83-9	Bromomethane	0.39	U	0.39	0.39
75-00-3	Chloroethane	0.27	U	0.27	0.27
75-69-4	Trichlorofluoromethane	0.56		0.56	0.56
67-63-0	Isopropyl Alcohol	3.31		0.49	0.49
76-14-2	Dichlorotetrafluoethane	0.7	U	0.7	0.7
76-13-1	1,1,2-Trichlorotrifluoroethane	0.76	U	0.76	0.76
593-60-2	Bromoethene	0.44	U	0.44	0.44
115-07-1	Propene	0.17	U	0.17	0.17
142-82-5	Heptane	0.41		0.41	0.41
75-35-4	1,1-Dichloroethene	0.4	U	0.4	0.4
141-78-6	Ethyl Acetate	0.36	U	0.36	0.36
67-64-1	Acetone	~~103~~ 175	~~E~~ U	~~0.47~~ 4.74	~~0.47~~ 4.74
75-15-0	Carbon disulfide	0.4	U	0.31	0.31
1634-04-4	Methyl tert-butyl Ether	0.36	U	0.36	0.36
75-09-2	Methylene Chloride	2.26	~~B~~ U	0.7	0.7
107-05-1	Allyl Chloride	0.31	U	0.31	0.31
156-60-5	trans-1,2-Dichloroethene	0.4	U	0.4	0.4
108-05-4	Vinyl Acetate	0.35	U	0.35	0.35
75-34-3	1,1-Dichloroethane	0.4	U	0.4	0.4
110-82-7	Cyclohexane	0.34	U	0.34	0.34
78-93-3	2-Butanone	1.71		0.59	0.59
56-23-5	Carbon Tetrachloride	0.63	U	0.63	0.63
156-59-2	cis-1,2-Dichloroethene	0.4	U	0.4	0.4
67-66-3	Chloroform	0.49	U	0.49	0.49
123-91-1	1,4-Dioxane	0.72	U	0.72	0.72
71-55-6	1,1,1-Trichloroethane	0.54	U	0.54	0.54
109-99-9	Tetrahydrofuran	0.82		0.59	0.59
540-84-1	2,2,4-Trimethylpentane	0.47	U	0.47	0.47

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CH403106
6

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-06S	SDG No.:	X1262
Lab Sample ID:	X1262-06	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030121.D	1	3/2/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	1.18		0.32	0.32
107-06-2	1,2-Dichloroethane	0.4	U	0.4	0.4
79-01-6	Trichloroethene	0.54	U	0.54	0.54
78-87-5	1,2-Dichloropropane	0.46	U	0.46	0.46
75-27-4	Bromodichloromethane	0.67	U	0.67	0.67
108-10-1	4-Methyl-2-Pentanone	0.82	U	0.82	0.82
108-88-3	Toluene	14.4		0.38	0.38
10061-02-6	t-1,3-Dichloropropene	0.45	U	0.45	0.45
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	0.45
79-00-5	1,1,2-Trichloroethane	0.54	U	0.54	0.54
591-78-6	2-Hexanone	0.82	U	0.82	0.82
124-48-1	Dibromochloromethane	0.85	U	0.85	0.85
106-93-4	1,2-Dibromoethane	0.77	U	0.77	0.77
127-18-4	Tetrachloroethene	3.87		0.68	0.68
108-90-7	Chlorobenzene	0.46	U	0.46	0.46
100-41-4	Ethyl Benzene	0.74		0.43	0.43
126777-61-2	m/p-Xylene	1.3		0.87	0.87
95-47-6	o-Xylene	0.43	U	0.43	0.43
100-42-5	Styrene	0.43	U	0.43	0.43
75-25-2	Bromoform	1.03	U	1.03	1.03
79-34-5	1,1,2,2-Tetrachloroethane	0.69	U	0.69	0.69
108-67-8	1,3,5-Trimethylbenzene	0.49	U	0.49	0.49
95-63-6	1,2,4-Trimethylbenzene	0.49	U	0.49	0.49
622-96-8	4-Ethyltoluene	0.49	U	0.49	0.49
541-73-1	1,3-Dichlorobenzene	0.6	U	0.6	0.6
106-46-7	1,4-Dichlorobenzene	0.6	U	0.6	0.6
95-50-1	1,2-Dichlorobenzene	0.6	U	0.6	0.6
120-82-1	1,2,4-Trichlorobenzene	0.74	U	0.74	0.74
87-68-3	Hexachloro-1,3-butadiene	1.07	U	1.07	1.07
106-99-0	1,3-Butadiene	0.22	U	0.22	0.22
110-54-3	Hexane	0.7	U	0.7	0.7
100-44-7	Benzyl Chloride	0.58	U	0.58	0.58

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04/05/06
a

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-06SDL	SDG No.:	X1262
Lab Sample ID:	X1262-06DL	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030117.D	10	3/1/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	4.95	U	4.95	4.95
74-87-3	Chloromethane	2.04	U	2.04	2.04
75-01-4	Vinyl Chloride	2.56	U	2.56	2.56
74-83-9	Bromomethane	3.89	U	3.89	3.89
75-00-3	Chloroethane	2.66	U	2.66	2.66
75-69-4	Trichlorofluoromethane	5.6	U	5.6	5.6
67-63-0	Isopropyl Alcohol	4.91	U	4.91	4.91
76-14-2	Dichlorotetrafluoethane	6.99	U	6.99	6.99
76-13-1	1,1,2-Trichlorotrifluoroethane	7.65	U	7.65	7.65
593-60-2	Bromoethene	4.38	U	4.38	4.38
115-07-1	Propene	1.72	U	1.72	1.72
142-82-5	Heptane	4.09	U	4.09	4.09
75-35-4	1,1-Dichloroethene	3.97	U	3.97	3.97
141-78-6	Ethyl Acetate	3.6	U	3.6	3.6
67-64-1	Acetone	175	D	4.74	4.74
75-15-0	Carbon disulfide	3.11	U	3.11	3.11
1634-04-4	Methyl tert-butyl Ether	3.6	U	3.6	3.6
75-09-2	Methylene Chloride	6.95	U	6.95	6.95
107-05-1	Allyl Chloride	3.15	U	3.15	3.15
156-60-5	trans-1,2-Dichloroethene	3.97	U	3.97	3.97
108-05-4	Vinyl Acetate	3.52	U	3.52	3.52
75-34-3	1,1-Dichloroethane	4.05	U	4.05	4.05
110-82-7	Cyclohexane	3.35	U	3.35	3.35
78-93-3	2-Butanone	5.89	U	5.89	5.89
56-23-5	Carbon Tetrachloride	6.3	U	6.3	6.3
156-59-2	cis-1,2-Dichloroethene	3.97	U	3.97	3.97
67-66-3	Chloroform	4.87	U	4.87	4.87
123-91-1	1,4-Dioxane	7.2	U	7.2	7.2
71-55-6	1,1,1-Trichloroethane	5.44	U	5.44	5.44
109-99-9	Tetrahydrofuran	5.89	U	5.89	5.89
540-84-1	2,2,4-Trimethylpentane	4.66	U	4.66	4.66

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04/03/06

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-V-06SDL	SDG No.:	X1262
Lab Sample ID:	X1262-06DL	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030117.D	10	3/1/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	3.19	U	3.19	3.19
107-06-2	1,2-Dichloroethane	4.05	U	4.05	4.05
79-01-6	Trichloroethene	5.36	U	5.36	5.36
78-87-5	1,2-Dichloropropane	4.62	U	4.62	4.62
75-27-4	Bromodichloromethane	6.71	U	6.71	6.71
108-10-1	4-Methyl-2-Pentanone	8.18	U	8.18	8.18
108-88-3	Toluene	20.7	D	3.76	3.76
10061-02-6	t-1,3-Dichloropropene	4.54	U	4.54	4.54
10061-01-5	cis-1,3-Dichloropropene	4.54	U	4.54	4.54
79-00-5	1,1,2-Trichloroethane	5.44	U	5.44	5.44
591-78-6	2-Hexanone	8.18	U	8.18	8.18
124-48-1	Dibromochloromethane	8.51	U	8.51	8.51
106-93-4	1,2-Dibromoethane	7.69	U	7.69	7.69
127-18-4	Tetrachloroethene	6.79	U	6.79	6.79
108-90-7	Chlorobenzene	4.62	U	4.62	4.62
100-41-4	Ethyl Benzene	4.34	U	4.34	4.34
126777-61-2	m/p-Xylene	8.67	U	8.67	8.67
95-47-6	o-Xylene	4.34	U	4.34	4.34
100-42-5	Styrene	4.25	U	4.25	4.25
75-25-2	Bromoform	10.35	U	10.35	10.35
79-34-5	1,1,2,2-Tetrachloroethane	6.87	U	6.87	6.87
108-67-8	1,3,5-Trimethylbenzene	4.91	U	4.91	4.91
95-63-6	1,2,4-Trimethylbenzene	4.91	U	4.91	4.91
622-96-8	4-Ethyltoluene	4.91	U	4.91	4.91
541-73-1	1,3-Dichlorobenzene	6.01	U	6.01	6.01
106-46-7	1,4-Dichlorobenzene	6.01	U	6.01	6.01
95-50-1	1,2-Dichlorobenzene	6.01	U	6.01	6.01
120-82-1	1,2,4-Trichlorobenzene	7.4	U	7.4	7.4
87-68-3	Hexachloro-1,3-butadiene	10.67	U	10.67	10.67
106-99-0	1,3-Butadiene	2.21	U	2.21	2.21
110-54-3	Hexane	7.03	U	7.03	7.03
100-44-7	Benzyl Chloride	5.77	U	5.77	5.77

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04105106

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-VDUP(020306)	SDG No.:	X1262
Lab Sample ID:	X1262-07	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030118.D	20	3/1/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	9.9	U	9.9	9.9
74-87-3	Chloromethane	4.09	U	4.09	4.09
75-01-4	Vinyl Chloride	5.11	U	5.11	5.11
74-83-9	Bromomethane	7.77	U	7.77	7.77
75-00-3	Chloroethane	5.32	U	5.32	5.32
75-69-4	Trichlorofluoromethane	11.21	U	11.21	11.21
67-63-0	Isopropyl Alcohol	9.82	U	9.82	9.82
76-14-2	Dichlorotetrafluoethane	13.99	U	13.99	13.99
76-13-1	1,1,2-Trichlorotrifluoroethane	15.3	U	15.3	15.3
593-60-2	Bromoethene	8.75	U	8.75	8.75
115-07-1	Propene	3.44	U	3.44	3.44
142-82-5	Heptane	8.18	U	8.18	8.18
75-35-4	1,1-Dichloroethene	7.93	U	7.93	7.93
141-78-6	Ethyl Acetate	7.2	~~U~~ J	7.2	7.2
67-64-1	Acetone	12.3	J	9.49	9.49
75-15-0	Carbon disulfide	6.22	U	6.22	6.22
1634-04-4	Methyl tert-butyl Ether	7.2	U	7.2	7.2
75-09-2	Methylene Chloride	13.91	U	13.91	13.91
107-05-1	Allyl Chloride	6.3	U	6.3	6.3
156-60-5	trans-1,2-Dichloroethene	24.6		7.93	7.93
108-05-4	Vinyl Acetate	7.03	U	7.03	7.03
75-34-3	1,1-Dichloroethane	8.1	U	8.1	8.1
110-82-7	Cyclohexane	6.71	U	6.71	6.71
78-93-3	2-Butanone	11.78	U	11.78	11.78
56-23-5	Carbon Tetrachloride	12.6	U	12.6	12.6
156-59-2	cis-1,2-Dichloroethene	548		7.93	7.93
67-66-3	Chloroform	9.73	U	9.73	9.73
123-91-1	1,4-Dioxane	14.4	U	14.4	14.4
71-55-6	1,1,1-Trichloroethane	10.88	U	10.88	10.88
109-99-9	Tetrahydrofuran	11.78	U	11.78	11.78
540-84-1	2,2,4-Trimethylpentane	9.33	U	9.33	9.33

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

04/03/06
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-VDUP(020306)	SDG No.:	X1262
Lab Sample ID:	X1262-07	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030118.D	20	3/1/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	6.38	U	6.38	6.38
107-06-2	1,2-Dichloroethane	8.1	U	8.1	8.1
79-01-6	Trichloroethene	~~3925~~ 6598	~~E~~ J	~~10.72~~ 26.79	~~10.72~~ 26.79
78-87-5	1,2-Dichloropropane	9.24	U	9.24	9.24
75-27-4	Bromodichloromethane	~~13.42~~ 53.7	~~U~~	~~13.42~~ 33.54	~~13.42~~ 33.54
108-10-1	4-Methyl-2-Pentanone	16.36	U	16.36	16.36
108-88-3	Toluene	18.1	J	7.53	7.53
10061-02-6	t-1,3-Dichloropropene	9.08	U	9.08	9.08
10061-01-5	cis-1,3-Dichloropropene	9.08	U	9.08	9.08
79-00-5	1,1,2-Trichloroethane	10.88	U	10.88	10.88
591-78-6	2-Hexanone	16.36	U	16.36	16.36
124-48-1	Dibromochloromethane	17.01	U	17.01	17.01
106-93-4	1,2-Dibromoethane	15.38	U	15.38	15.38
127-18-4	Tetrachloroethene	956		13.58	13.58
108-90-7	Chlorobenzene	9.24	U	9.24	9.24
100-41-4	Ethyl Benzene	8.67	U	8.67	8.67
126777-61-2	m/p-Xylene	17.34	U	17.34	17.34
95-47-6	o-Xylene	8.67	U	8.67	8.67
100-42-5	Styrene	8.51	U	8.51	8.51
75-25-2	Bromoform	20.7	U	20.7	20.7
79-34-5	1,1,2,2-Tetrachloroethane	13.74	U	13.74	13.74
108-67-8	1,3,5-Trimethylbenzene	9.82	U	9.82	9.82
95-63-6	1,2,4-Trimethylbenzene	9.82	U	9.82	9.82
622-96-8	4-Ethyltoluene	9.82	U	9.82	9.82
541-73-1	1,3-Dichlorobenzene	12.02	U	12.02	12.02
106-46-7	1,4-Dichlorobenzene	12.02	U	12.02	12.02
95-50-1	1,2-Dichlorobenzene	12.02	U	12.02	12.02
120-82-1	1,2,4-Trichlorobenzene	14.81	U	14.81	14.81
87-68-3	Hexachloro-1,3-butadiene	21.35	U	21.35	21.35
106-99-0	1,3-Butadiene	4.42	U	4.42	4.42
110-54-3	Hexane	14.07	U	14.07	14.07
100-44-7	Benzyl Chloride	11.53	U	11.53	11.53

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

0460706
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-VDUP(020306)DL	SDG No.:	X1262
Lab Sample ID:	X1262-07DL	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030206.D	50	3/2/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
TARGETS					
75-71-8	Dichlorodifluoromethane	24.74	U	24.74	24.74
74-87-3	Chloromethane	10.22	U	10.22	10.22
75-01-4	Vinyl Chloride	12.78	U	12.78	12.78
74-83-9	Bromomethane	19.43	U	19.43	19.43
75-00-3	Chloroethane	13.29	U	13.29	13.29
75-69-4	Trichlorofluoromethane	28.02	U	28.02	28.02
67-63-0	Isopropyl Alcohol	24.54	U	24.54	24.54
76-14-2	Dichlorotetrafluoethane	34.97	U	34.97	34.97
76-13-1	1,1,2-Trichlorotrifluoroethane	38.24	U	38.24	38.24
593-60-2	Bromoethene	21.88	U	21.88	21.88
115-07-1	Propene	8.59	U	8.59	8.59
142-82-5	Heptane	20.45	U	20.45	20.45
75-35-4	1,1-Dichloroethene	19.84	U	19.84	19.84
141-78-6	Ethyl Acetate	18	U	18	18
67-64-1	Acetone	23.72	U	23.72	23.72
75-15-0	Carbon disulfide	15.54	U	15.54	15.54
1634-04-4	Methyl tert-butyl Ether	18	U	18	18
75-09-2	Methylene Chloride	34.76	U	34.76	34.76
107-05-1	Allyl Chloride	15.75	U	15.75	15.75
156-60-5	trans-1,2-Dichloroethene	31.7	D	19.84	19.84
108-05-4	Vinyl Acetate	17.59	U	17.59	17.59
75-34-3	1,1-Dichloroethane	20.25	U	20.25	20.25
110-82-7	Cyclohexane	16.77	U	16.77	16.77
78-93-3	2-Butanone	29.45	U	29.45	29.45
56-23-5	Carbon Tetrachloride	31.49	U	31.49	31.49
156-59-2	cis-1,2-Dichloroethene	760	D	19.84	19.84
67-66-3	Chloroform	24.34	U	24.34	24.34
123-91-1	1,4-Dioxane	35.99	U	35.99	35.99
71-55-6	1,1,1-Trichloroethane	27.2	U	27.2	27.2
109-99-9	Tetrahydrofuran	29.45	U	29.45	29.45
540-84-1	2,2,4-Trimethylpentane	23.31	U	23.31	23.31

U = Not Detected
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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	ERM, Inc.	Date Collected:	2/3/2006
Project:	NYSDEC Assignment D003970-30	Date Received:	2/4/2006
Client Sample ID:	344035-VDUP(020306)DL	SDG No.:	X1262
Lab Sample ID:	X1262-07DL	Matrix:	AIR
Analytical Method:	EPA TO-15	Sample Vol: ml	400.0

See original analysis

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VL030206.D	50	3/2/2006	VL030106

CAS Number	Parameter	Conc. ug/M3	Qualifier	RL ug/M3	MDL. ug/M3
71-43-2	Benzene	15.95	U	15.95	15.95
107-06-2	1,2-Dichloroethane	20.25	U	20.25	20.25
79-01-6	Trichloroethene	6598	~~ED~~ J	26.79	26.79
78-87-5	1,2-Dichloropropane	23.11	U	23.11	23.11
75-27-4	Bromodichloromethane	53.7	D	33.54	33.54
108-10-1	4-Methyl-2-Pentanone	40.9	U	40.9	40.9
108-88-3	Toluene	24.5	D	18.81	18.81
10061-02-6	t-1,3-Dichloropropene	22.7	U	22.7	22.7
10061-01-5	cis-1,3-Dichloropropene	22.7	U	22.7	22.7
79-00-5	1,1,2-Trichloroethane	27.2	U	27.2	27.2
591-78-6	2-Hexanone	40.9	U	40.9	40.9
124-48-1	Dibromochloromethane	42.54	U	42.54	42.54
106-93-4	1,2-Dibromoethane	38.45	U	38.45	38.45
127-18-4	Tetrachloroethene	1477	D	33.95	33.95
108-90-7	Chlorobenzene	23.11	U	23.11	23.11
100-41-4	Ethyl Benzene	21.68	U	21.68	21.68
126777-61-2	m/p-Xylene	43.35	U	43.35	43.35
95-47-6	o-Xylene	21.68	U	21.68	21.68
100-42-5	Styrene	21.27	U	21.27	21.27
75-25-2	Bromoform	51.74	U	51.74	51.74
79-34-5	1,1,2,2-Tetrachloroethane	34.36	U	34.36	34.36
108-67-8	1,3,5-Trimethylbenzene	24.54	U	24.54	24.54
95-63-6	1,2,4-Trimethylbenzene	24.54	U	24.54	24.54
622-96-8	4-Ethyltoluene	24.54	U	24.54	24.54
541-73-1	1,3-Dichlorobenzene	30.06	U	30.06	30.06
106-46-7	1,4-Dichlorobenzene	30.06	U	30.06	30.06
95-50-1	1,2-Dichlorobenzene	30.06	U	30.06	30.06
120-82-1	1,2,4-Trichlorobenzene	37.01	U	37.01	37.01
87-68-3	Hexachloro-1,3-butadiene	53.37	U	53.37	53.37
106-99-0	1,3-Butadiene	11.04	U	11.04	11.04
110-54-3	Hexane	35.17	U	35.17	35.17
100-44-7	Benzyl Chloride	28.83	U	28.83	28.83

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04/05/06