SUBSURFACE SITE INVESTIGATION

Jo Lyn Enterprises, Ltd.
21 Valley Street
Mayville, New York 14757

Prepared by:
Hazard Evaluations, Inc.
3836 North Buffalo Road
Orchard Park, New York 14127

June 2006

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Jo Lyn Enterprises, Ltd.
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Mayville, New York

Introduction

In accordance with an agreement, dated May 8, 2006, Hazard Evaluations, Inc. (HEI) completed a focused Subsurface Site Investigation (SSI) at the above-referenced (subject) site (Figure 1, Attachment 1). This SSI was completed to provide additional data and information concerning the subsurface condition of the subject site, at which a historic release of Trichloroethene occurred from a historic septic tank. Preliminary site subsurface data were provided in a Phase II ESA report by LCS, Inc., dated September 23, 2005. HEI's SSI addressed the following: 1) A more thorough characterization of Volatile Organic Contaminants (VOCs) within the on-site soil profile, both vertically and laterally; 2) Water table elevations and the approximate on-site groundwater flow direction; 3) Definition of the shallow contaminant plume on-site with respect to site boundaries; 4) Condition of the subfloor soil/fill beneath a portion of the facility; and 5) Identification of any "hot spots" within the soil profile in the impacted zone, including any areas exhibiting dense non-aqueous phase liquid (DNAPL) product.

Site History

Jo Lyn Enterprises owns and operates the facility, which is located at 21 Valley Street, Village of Mayville, Chautauqua County, New York. This parcel of land consists of approximately 1.06 acres of land located within the lake plain across Route 394 along the western side of Chautauqua Lake. Historically, the facility was operated by Wappat Saw Company. Later the facility was operated as Standard Portable Products, Inc. One or more of the prior owners reportedly performed various metal working operations, including vapor degreasing using a Trichloroethene (TCE) degreasing unit. It is understood that the spent TCE solvent from this unit was disposed of or stored in an exterior underground septic tank.

The current owner, Jo Lyn Enterprises Ltd. d/b/a Standard Portable ("Jo Lyn"), purchased certain assets including the facility in 1996 and began manufacturing operations. Pre-purchase due diligence investigations identified a septic tank historically believed to be used as storage/disposal for TCE waste generated by the vapor degreasing unit; a remedial program was conducted by Anderson International, Inc. on Jo Lyn's behalf. It should be noted that the septic tank was removed in 1996 at the time of Jo Lyn's purchase. The waste that Jo Lyn generated in association with its use of the vapor degreaser was containerized and transported off-site for disposal. The use of the vapor degreaser continued until 2001, when it was taken out of service. In late 2002, Jo Lyn sought to sell the subject site, and as part of the due diligence process, a Phase II ESA was performed on behalf of the potential buyer's financial lending institution. The results of that Phase II ESA indicated significant levels of TCE contamination in the soil and groundwater in the vicinity of former septic tank.

General Geology and Hydrogeology

The subject site lies within the Allegheny Plateau geographic province which is characterized by steep valley walls, wide ridge tops and flat-topped hills between drainage ways. This province is strongly influenced by the underlying bedrock, which is nearly level bedded. The site is within the lake plain of Chautauqua Lake.

The vast majority of the subject site is covered by Red Hook Silt Loam, which exists in low flats on outwash plains. Red Hook soils are acidic, nearly level, very deep and somewhat poorly drained. Slopes generally range from 0-3%. Water table may be at 0.5-1.5 feet below grade from December through May. Generally, there is at east a six foot soil profile overlying the bedrock. Bedrock in the area of the site consists of the Conneaut Group portion of the Chadokoin Formation, the top 270 feet of which likely is comprised of relatively soft, interbedded gray shales and Ellicott Group siltstone. Geologic and hydrogeologic information contained in this section was derived from the USDA Soil Survey of Chautauqua County, New York, August 1994.

The floodplain of Chautauqua Lake intersects the southeast corner of the subject site, covering approximately 5-10% of the site according to the March 26, 1976 FIA Flood Hazard Boundary Map for the Village of Mayville.

Soil Boring Installation and Soil Sampling

Prior to performing any on-site activities, underground utilities were located and marked by contacting the Underground Facilities Protection Organization (UFPO). In addition, a site-specific Health & Safety Plan was developed and implemented. On May 10 and 11, 2006, a direct-push boring rig was mobilized to the subject site to install soil borings and temporary piezometers to define the nature and extent of soil and groundwater contamination. A total of fourteen push borings were installed on-site, four of which were installed beneath the on-site structure. An additional five borings were installed off-site. Figure 2 (Attachment 1) presents the soil boring locations.

At each boring location, decontaminated hollow stem sampling probes were used to obtain discrete soil samples at approximately four foot depth intervals to the bottom of each sampling location. The soil/fill encountered at each sampling location was visually described from the discrete samples obtained. Upon collection, each discrete sample was screened for the presence of VOCs using a portable OVM. After all discrete samples for each boring had been collected, a piezometer was installed within the boring as described below.

In general, the soil at the sample locations was found to consist of a stiff, brittle, fine to very fine sand with sparse areas of medium to coarse sand and gravel to a depth of approximately 12 to 14 feet below grade (bg), below which a silt and clay material with some plasticity was encountered. The thickness of the silt and clay layer was not investigated, as it likely serves as a confining layer as evidenced by the presence of DNAPL in the sample collected from SB1 (12'-14').

On-site Soil Borings - Soil samples collected from three of the fourteen on-site borings exhibited very high headspace VOCs readings (maximum >500 ppm) including samples SB12, SB17 and SB18. In addition, SB14 exhibited headspace VOCs readings above 250 ppm.

Off-site Soil Borings - Soil samples collected from three of the five offsite borings exhibited very high headspace VOCs readings (maximum >500 ppm) including samples SB1, SB3, and SB9. In addition, SB10 exhibited headspace VOCs readings above 250 ppm.

The soil samples from the remaining 10 borings on-site and one boring off-site all exhibited VOCs headspace readings below 50 ppm. Attachment 2 presents HEI's Field Notes, which include a summary of soil sample headspace VOCs readings.

A total of eleven soil samples consisting of ten on-site samples and one offsite sample were placed in appropriate containers, preserved by cooling in the field, and submitted under standard chain-of-custody procedures to a NYSDEC-approved analytical laboratory for analysis for specific VOCs compounds of concern using USEPA Method 8260, including cis-1,2-Dichloroethene, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, 1,1,2-Trichloroethane, Trichloroethene, Vinyl chloride, Ethylbenzene, Methylene chloride, Toluene and Xylenes. Soil samples SB8 (4'-8') and SB18 (8'-12') were selected to fulfill a NYSDEC request that 10% of the samples submitted (two soil samples) for this investigation address the USEPA Method 8260 Target Compound List (TCL).

Groundwater Sampling

One-inch diameter, PVC piezometers were installed in all nineteen soil borings to allow both the collection of shallow groundwater samples and the measurement of shallow groundwater surface elevations across the site. At each location, a piezometer consisting of 0.030 slotted PVC well screen and solid riser was placed to the bottom of the boring. An effort was made to install sand filter pack around the well screen to a depth at least one foot above screen, after which a Bentonite pellet seal was installed within the remainder of the boring annulus to the ground surface. The piezometers all remain in-place at ground level.

On May 12, 2006, all wellheads were vertically surveyed to a common on-site datum to allow an approximate determination of all water surface elevations. HEI then used a decontaminated electronic water level indicator to measure the depth to water relative to each PVC wellhead. The depth to groundwater was observed to range from 1.89' bg to 4.65' bg in wells SB11 and SB4, respectively (Refer to Field Notes). Subsequent to the groundwater level measurement, each piezometer was purged using a new single-use, polyethylene bailer until reduced turbidity was observed or the well was nearly dry. Unfiltered groundwater samples were then withdrawn and placed in appropriately preserved sample jars, placed in a cooler, prepared for laboratory analysis, and handled under standard chain-of-custody procedures until received by a NYSDEC-approved analytical laboratory. A total of

thirteen groundwater samples were submitted for specific VOCs compounds of concern as listed above using USEPA Method 8260. Groundwater samples collected from SB7 and SB9 were selected to fulfill a NYSDEC request that 10% of the samples submitted (two groundwater samples) for this investigation address the USEPA Method 8260 Target Compound List (TCL).

Discussion of Field Data and Analytical Results

In general, the analytical data indicated significant levels of Trichloroethene (TCE) at depth within the on-site and off-site soil in an area extending generally from the former septic system (SB14 and SB18) to the southeast, encompassing SB1, SB3, SB8, SB9, SB10, SB11, SB12, SB13, SB14, SB16, SB17 and SB18 (Figure 3). In addition, significant levels of TCE in the on-site and off-site groundwater were detected within the same general area, but not as widespread, encompassing SB1, SB3, SB9, SB12, SB14, SB17 and SB18.

Field observations indicated decreasing levels of impact in borings relative to their distance from this significantly contaminated area (i.e., borings further from the area exhibited less or no field observable impact). The analytical results discussed below for both soil and groundwater reflect the potentially applicable New York State Department of Environmental Conservation Recommended Soil Cleanup Objectives (RSCOs), as presented in Appendix A, Table 1 of TAGM HWR-94-4046, dated January 24, 1994 (TAGM 4046) or the Ambient Water Quality Standards and Guidance Values (WQSs), as presented in TOGS 1.1.1, dated June 1998.

The laboratory analytical results of the soil samples indicated the presence of TCE at concentrations exceeding the RSCO in 9 of the 11 samples submitted, with on-site samples SB17 (8'-12') and SB18 (8'-12') exhibiting the two highest concentrations at 6,510 µg/kg and 8,720 µg/kg, respectively (RSCO = 700 µg/kg). The soil samples for SB10 (12'-14') (which is offsite) and SB17 (12'-14') (which is on-site) exhibited the two lowest TCE concentrations measuring 468 µg/kg and 592 µg/kg, respectively. Table 1 (Attachment 3) presents a summary of the soil analytical results. It should be noted that many of these results were identified as being "Estimated Values" due to concentrations exceeding the calibration range; however, the laboratory indicated that these concentrations are routinely within 15%-20% of the actual concentration when rerun under appropriate dilutions. For the purposes of this project, HEI has assumed that these data are adequate. The laboratory analytical results are presented in Attachment 4. It should also be noted that no additional parameters were detected in the extra TCL analysis that was completed at the NYSDEC's request.

All 13 groundwater samples submitted for laboratory analysis exhibited TCE concentrations exceeding the WQS of 5 µg/l. Two of the three most impacted wells were found offsite at SB1 and SB9 with TCE concentrations of 132,000 µg/l, 134,000 µg/l respectively. The most impacted well was on-site at SB18 with 152,000 µg/l. Groundwater from the on-site wells including SB2, SB5 and SB7 exhibited the lowest levels of TCE, with concentrations of 14.6 µg/l, 18.4 µg/l and 30.5 µg/l, respectively.

It should be noted that during the purging of the off-site well SB1, free phase DNAPL was recovered; however, only the aqueous portion of the recovery was submitted for laboratory analysis. Table 2 (Attachment 3) presents a summary of the groundwater analytical results. The laboratory analytical results are presented in Attachment 4. It should also be noted that no additional parameters were detected in the extra TCL analysis that was completed at the NYSDEC's request.

The analytical data generally support the field observations and headspace screenings made with regard to the soil profile with TCE concentrations decreasing as the distance increased from the significantly impacted area. However, the analytical results obtained for soil samples from SB5, SB8 and SB13, which were assumed in the field to be "clean" (i.e., below the RSCOs), identified TCE concentrations above the TCE RSCO.

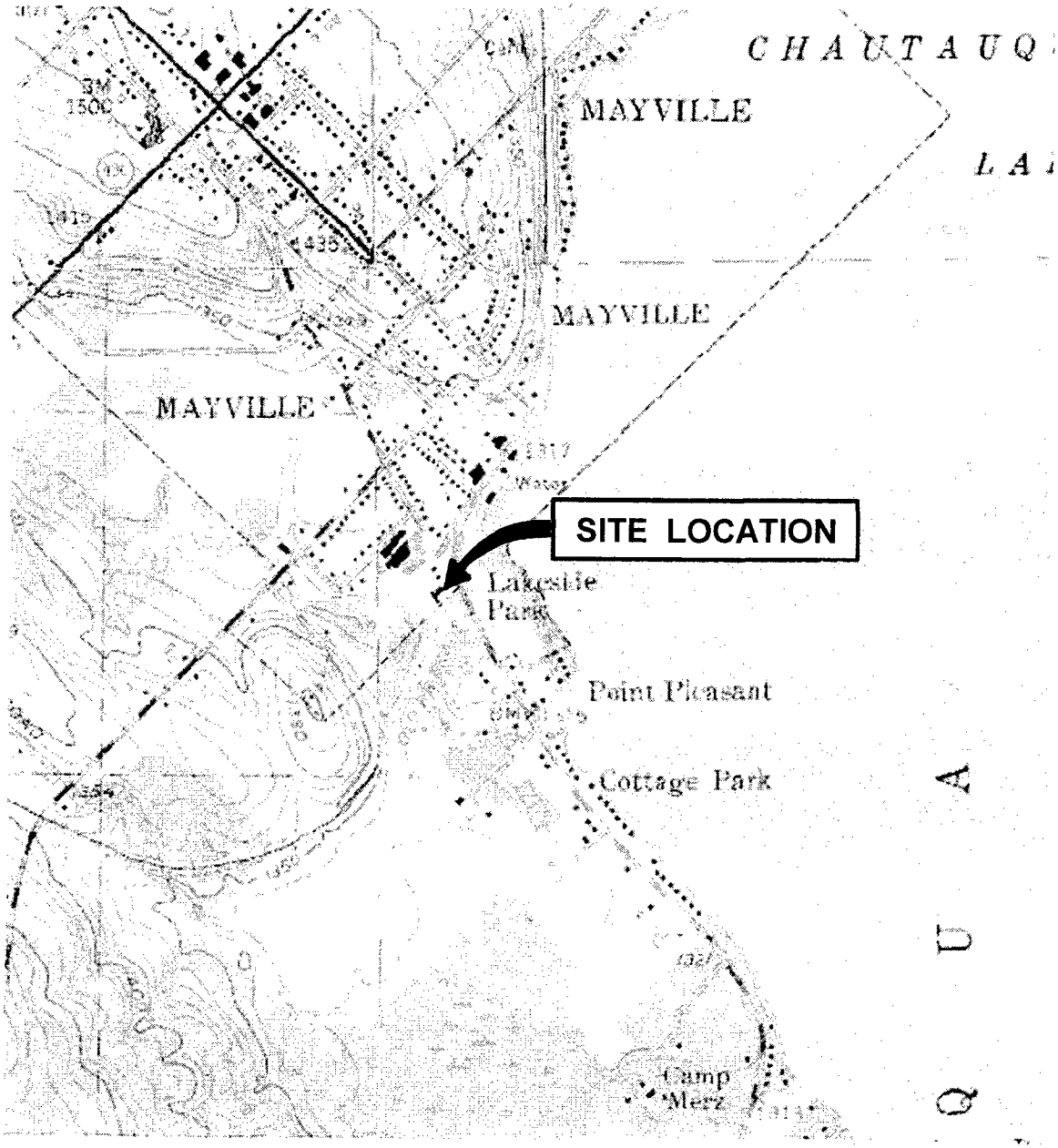
The groundwater levels detected in the piezometers were relatively shallow, ranging in depth from 1.89' to 4.65' bg. The groundwater flow direction was relatively pronounced toward the southeast (Chautauqua Lake), with a maximum head differential of 4.43' being observed between SB7 and SB2 (a distance of approximately 230 feet). Figure 4 presents a depiction of the estimated groundwater flow gradient and direction. The fine sandy soil appeared to exhibit a moderate hydraulic conductivity based on the observations made during the purging of the selected wells. However, many of the wells were observed to have poor recharge due to fine sand filling the bottom portion of the wells, which was a result of field conditions that prohibited the installation of effective sand-packs.

Summary

The results of this SSI have revealed well-defined areas of soil and groundwater contaminated with TCE. In addition, recoverable free phase DNAPL was observed off-site in the vicinity of SB1, which is located along the southeastern border of the subject site. Based on the relatively pronounced gradient of the shallow groundwater to the southeast toward Chautauqua Lake, HEI suspects the impacted soils within the defined plume area primarily represent the result of solvent transport via groundwater flow from the identified source area, as well as limited dispersion and diffusion effects. The impacted groundwater plume identified on-site which extends off-site would be the result of the same physical processes.

Attachment 1

Figures



THIS DRAWING IS FOR ILLUSTRATIVE AND INFORMATIONAL PURPOSES ONLY AND WAS ADAPTED FROM USGS, SHERMAN, NEW YORK QUADRANGLE.

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HAZARD EVALUATIONS, INC.

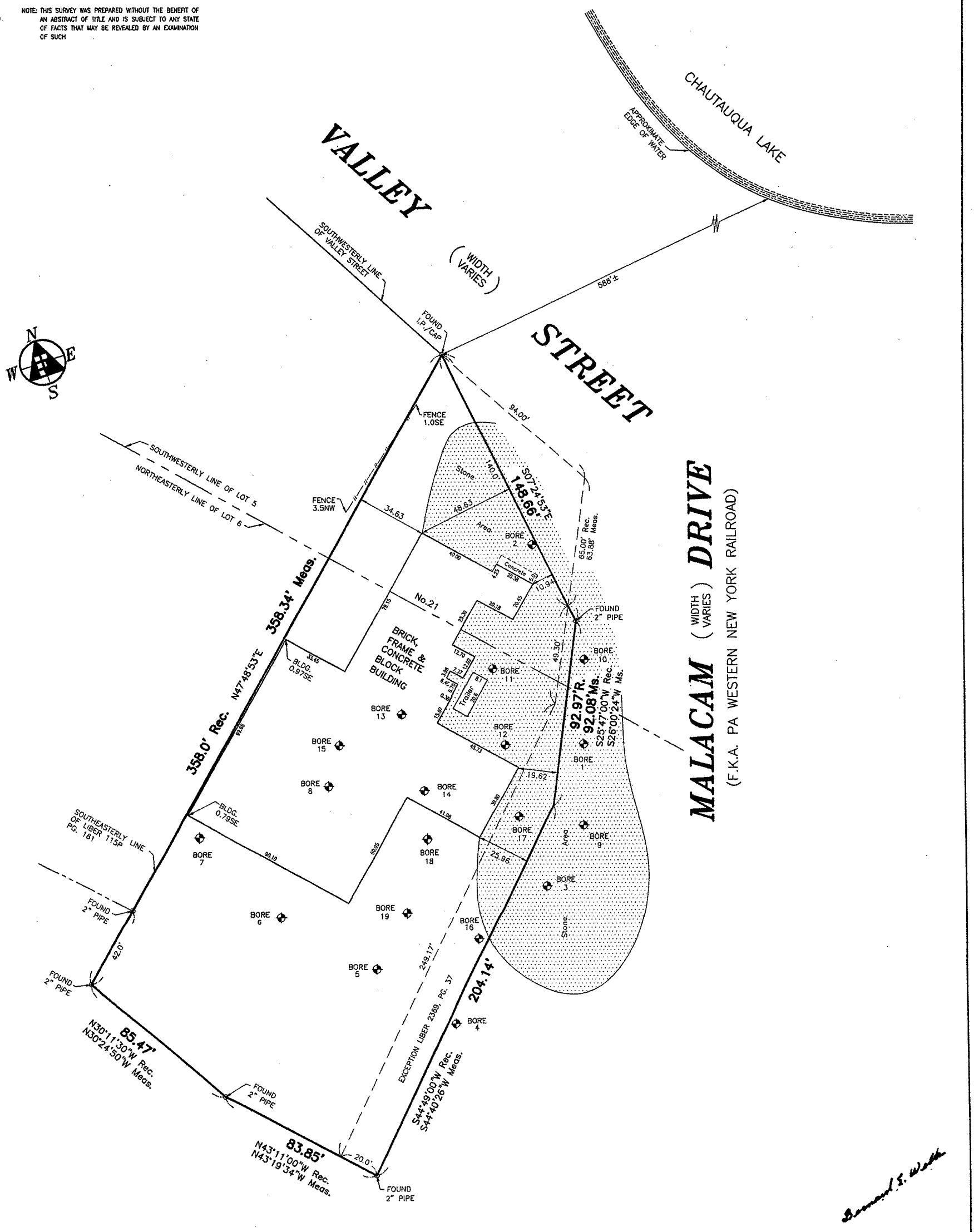
Phase I/II Audits - Site Investigations - Facility Inspections

SITE LOCATION PLAN
JO LYN ENTERPRISES, LTD.
MAYVILLE, NEW YORK

DRAWN BY: DLW	SCALE: NOT TO SCALE	PROJECT: 15208
CHECKED BY: CMH	DATE: 7/06	DRAWING NO: 1

Feet	Inches
0.08	1 inch
0.17	2"
0.25	3"
0.33	4"
0.42	5"
0.50	6"
0.58	7"
0.67	8"
0.75	9"
0.83	10"
0.92	11"
1.00	12"

NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH



HAZARD EVALUATIONS, INC. HAS RECEIVED PERMISSION FROM FOIT-ALBERT ASSOCIATES TO USE THIS BASE DRAWING, JOB NO. 06-31317, DATED JUNE 30, 2006; FOR THE PURPOSE OF THIS SUBSURFACE SITE INVESTIGATION REPORT.

HAZARD EVALUATIONS, INC.

Phase I/II Audits - Site Investigations - Facility Inspections

SOIL BORING LOCATION PLAN
JO LYN ENTERPRISES, LTD.
MAYVILLE, NEW YORK

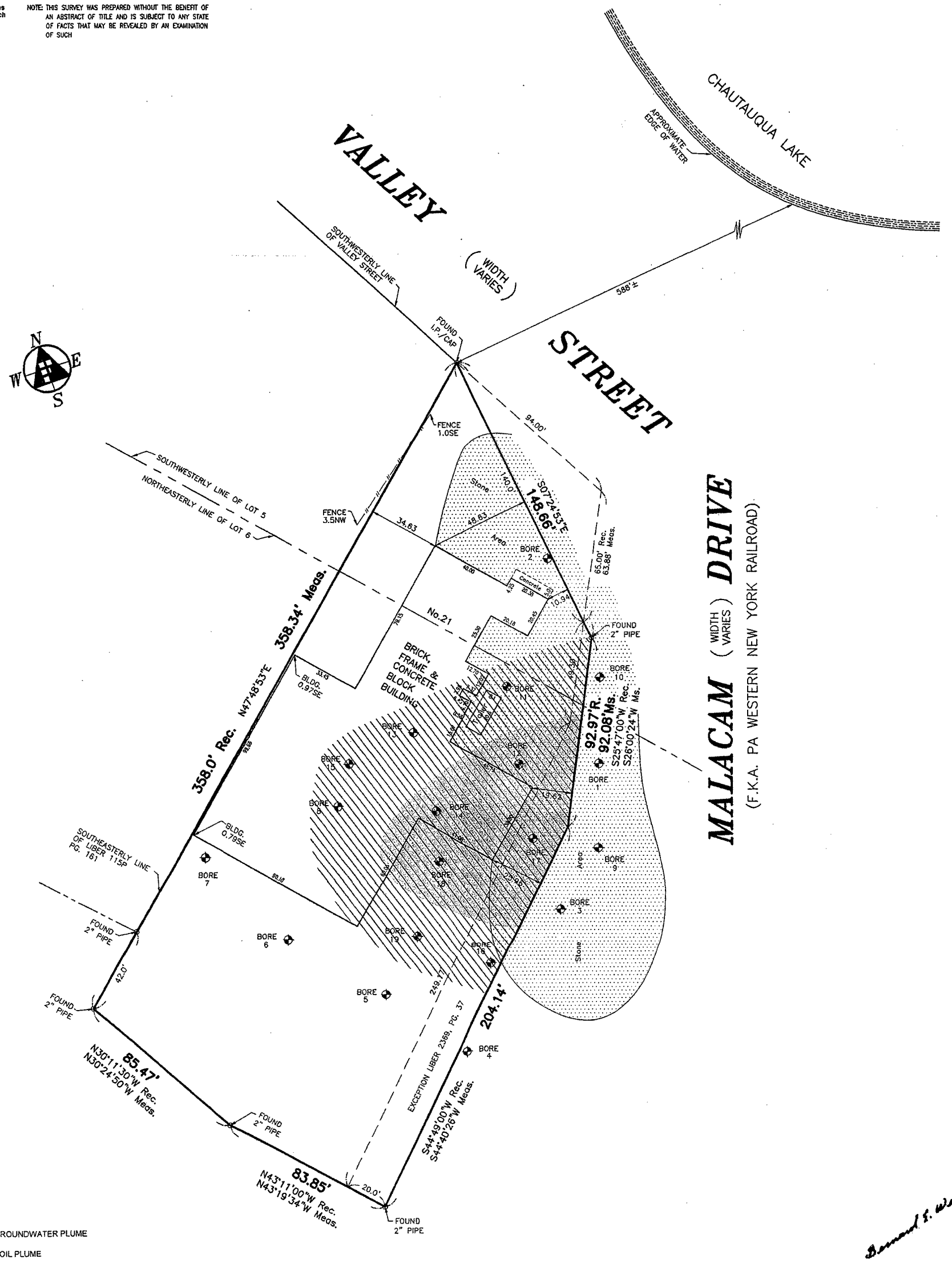
DRAWN BY: DLW	SCALE: 1"= 30'	PROJECT: 15208
CHECKED BY: CMH	DATE: 7/06	DRAWING NO: 2

LOCATION: VILLAGE OF MAYVILLE		SCALE: 1"=30'
COUNTY OF CHAUTAUQUA, STATE OF NEW YORK		
PART OF LOTS 5 & 6		DRAWN BY: O. A. REYES
OF THE HOLLAND LANDS COMPANY'S SURVEY		
MAP COVER:		CHECKED BY: B. E. WELLS
SUBLOT(S):		
REVISIONS:		RESURVEY
DATE: JUNE 30, 2006	JOB No.: 06-31317	NO COR. MON. SET

Foit-Albert Associates
Architecture, Engineering and Surveying, P.C.
763 Main Street, Buffalo, New York 14203
SUCCESSOR TO THE RECORDS OF CHARLES E. DENYER
PHONE: (716) 856-3933 FAX: (716) 856-3961

Feet	Inches
0.08 –	1 inch
0.17 –	2"
0.25 –	3"
0.33 –	4"
0.42 –	5"
0.50 –	6"
0.58 –	7"
0.67 –	8"
0.75 –	9"
0.83 –	10"
0.92 –	11"
1.00 –	12"

NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH



MALACAM (WIDTH VARIES) DRIVE

(F.K.A. PA WESTERN NEW YORK RAILROAD)

LEGEND:

- GROUNDWATER PLUME
- SOIL PLUME

HAZARD EVALUATIONS, INC. HAS RECEIVED PERMISSION FROM FOIT-ALBERT ASSOCIATES TO USE THIS BASE DRAWING, JOB NO. 06-31317, DATED JUNE 30, 2006; FOR THE PURPOSE OF THIS SUBSURFACE SITE INVESTIGATION REPORT.

HAZARD EVALUATIONS, INC.

Phase I/II Audits - Site Investigations - Facility Inspections

APPROXIMATE TCE PLUME AREAS
JO LYN ENTERPRISES, LTD.
MAYVILLE, NEW YORK

DRAWN BY: DLW	SCALE: 1"= 30'	PROJECT: 15208
CHECKED BY: CMH	DATE: 7/06	DRAWING NO: 3

LOCATION: VILLAGE OF MAYVILLE		SCALE: 1"=30'
COUNTY OF CHAUTAUQUA, STATE OF NEW YORK		
PART OF LOTS 5 & 6		DRAWN BY: O. A. REYES
OF THE HOLLAND LANDS COMPANY'S SURVEY		
MAP COVER:		CHECKED BY: B. E. WELLS
SUBLOT(S):		
REVISIONS:		RESURVEY
DATE: JUNE 30, 2006	JOB No.: 06-31317	NO COR. MON. SET

Foit-Albert Associates
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763 Main Street, Buffalo, New York 14203
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PHONE: (716) 856-3933 FAX: (716) 856-3961

Feet	Inches
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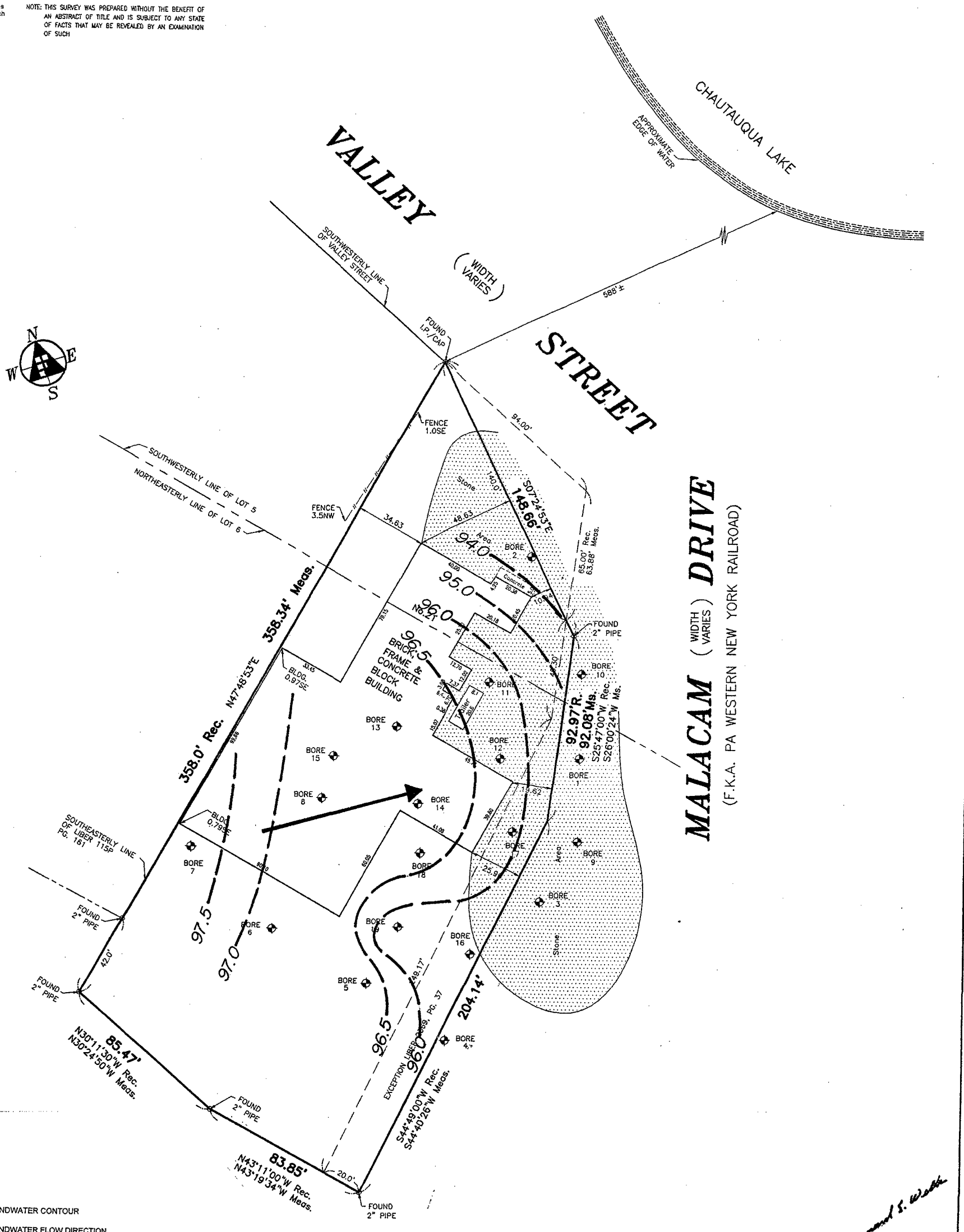
NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE AND IS SUBJECT TO ANY STATE OF FACTS THAT MAY BE REVEALED BY AN EXAMINATION OF SUCH



LEGEND:

- GROUNDWATER CONTOUR
- GROUNDWATER FLOW DIRECTION

HAZARD EVALUATIONS, INC. HAS RECEIVED PERMISSION FROM FOIT-ALBERT ASSOCIATES TO USE THIS BASE DRAWING, JOB NO. 06-31317, DATED JUNE 30, 2006; FOR THE PURPOSE OF THIS SUBSURFACE SITE INVESTIGATION REPORT.

HAZARD EVALUATIONS, INC.

Phase I/II Audits - Site Investigations - Facility Inspections

GROUNDWATER CONTOUR MAP
JO LYN ENTERPRISES, LTD.
MAYVILLE, NEW YORK

DRAWN BY: DLW	SCALE: 1"= 30'	PROJECT: 15208
CHECKED BY: CMH	DATE: 7/06	DRAWING NO: 4

LOCATION: VILLAGE OF MAYVILLE	SCALE: 1"=30'
COUNTY OF CHAUTAUQUA, STATE OF NEW YORK	
PART OF LOTS 5 & 6	DRAWN BY: O. A. REYES
OF THE HOLLAND LANDS COMPANY'S SURVEY	
MAP COVER:	CHECKED BY: B. E. WELLS
SUBLOT(S):	
REVISIONS:	RESURVEY
DATE: JUNE 30, 2006 / JOB No.: 06-31317	NO COR. MON. SET

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763 Main Street, Buffalo, New York 14203
SUCCESSOR TO THE RECORDS OF CHARLES E. DENVER
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Attachment 2

Field Notes

Date 5/10/06 No. 15207
Client Phillips Lytle (Mayville)
Subject SSF
Weather Sunny Temp. 75°-80°

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

Travelled to subject site. Met employee of the owner who gave me a basic tour of building and explained the property orientation. She called the owner and obtained a survey of the property. The property was smaller than anticipated. Based on this map, HEI marked the boring locations on the site as best as possible. Calibrated the OVM. Set up decon down and soil boring spoil down. Zebra arrived on the site. Began borings.

SB1 — OVM Reading Underlined (ppm)

0-4' (0-3') Mixed stone, sand, and asphalt type fill
(3-3.5') Soft black f sand fill
(3.5-4.0') Soft brn/gray vf sand } >2,000

4-8' (4'-7.5') Well graded vf sand + silt. Brown with orange mottling. Wet obvious odor, brittle
(7.5'-8') Similar soil but gray. Odor. Brittle } >2,000

8-12' (8'-9') Brn f sand, wet, brittle.
(9'-10') Soft very loose silt + f sand, brown + gray
(10'-12') m+f brown + gray sand, brittle, wet, product observed in sleeve, obvious odor } >2,000

12'-14' (12'-13') Brn + gray vf sand, wet to cm sand, loose Moist Free Product
(13'-14') Light gray silty clay layer grading brick to layers of vf sand + silt. Assumed confing layer. Clay and silt is stiff while vf sand + silt is more brittle. } >2,000

Signature [signature] Title PM

Date 5/10/06 No. 15207
Client Phillips Lytle (Maryville)
Subject SSI
Weather Sunny Temp. 75°-80°

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

SB1 Well installed to 14'. 10' Screen and 4' Riser. Sand or cave-in to above screen with bentonite to surface.

Note: All wells are 2-inch diameter schedule 40 PVC. Screen is 30-slot. No roadboxes installed.

SB2

0'-4' (0'-2') Stone and silt fill.
(2'-3') Brown vf sand and silt, brittle. } 4
(3'-4') Wet brn + dark gray sand, soft.
4'-8' (4'-6') Brown with some orange mottling vf sand, wet. } 3
(6'-8') Gray brittle vf and f sand, wet.
8'-12' (8'-9') Soft, loose silt + f sand, some gravel. } 1.5
(9'-12') f and vf gray sand, brittle, wet.
12'-14' (12'-14') Similar soil to very loose, wet silt + clay. Some stiff spots, gray, some plasticity. } 1.1

SB2 well set to 14'. 10'-screen and 4'-riser.

SB3

0'-4' (0'-2') Brn fill, mixed } 744
(2'-4') Black silt and stone fill, dry to slightly moist
4'-8' (4'-5') Similar soil, black } 475
(5'-6.5') Brn vf sand, brittle, wet
(6.5'-8.0') Gray vf sand brittle, wet

Signature _____ Title PM

Date 5/10/06 No. 15207
Client Phillips Lytle (Mayville)
Subject SSE
Weather Sunny Temp. 75°-80°

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

SB3 - continued
8'-12' (8'-10') vf sand, gray, stiff, wet
(10'-11') mf sand, wet stiff
(11'-12') vf sand + silt, brittle } 1,564
12'-14' (12'-14') Silt + clay, gray, wet, some plasticity } 486

SB3 well to 14'. 10' Screen, 4' Riser.

SB4
0'-4' (0'-3') Topsoil to soft, dry, brown + gray silt
(3'-4') vf gray sand, moist } 3.7
4'-8' (4'-6') vf sand, brown + gray, moist, brittle
(6'-8') vf sand + silt, moist to wet, brittle } 2
8'-12' (8'-9') mf sand, wet
(9'-10') Brn f sand, well graded, wet, stiff
(10'-12') Gray f sand, well graded, wet, stiff } 3.9
12'-14' (12'-13.5') Gray f sand, some loose, some more brittle, wet
(13.5'-14') Silt + clay, gray, some plasticity } 3.7

SB4 well to 14'. 10' Screen, 4'-Riser.

SB5
0'-4' (0'-2') Topsoil to dry - loose silt fill
(2'-3') C sand, moist to wet, loose
(3'-4') mf sand, more dense. } 5

Signature [signature] Title PM

Date 5/10/06 No. 15207
Client Phillips Lytle, Mayville
Subject SSE
Weather Sunny Temp. 75°-80°

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

SB5 - continued
4'-8' (4'-5.5') Cmf sand, loose, wet
(5.5'-7') Brn f sand, brittle, wet } 7
(7'-8') Gray f sand, brittle, wet
8'-12' (8'-9.5') Loose, wet, well graded m sand
(9.5'-11') Gravel, loose, wet } 26
(11'-12') Brittle vf sand
12'-14' (Discrete) vf gray sand, brittle, some loose material wet. } 2.5

SB5 well to 14'. 10' Screen, 4' Riser.

SB6
0'-4' (0'-2') Topsoil to loose gray silt
(2'-4') Loose brn cmf sand + gravel, dry } 3.1
4'-8' (4'-6') Cmf sand + gravel, moist to wet, loose
(6'-6.5') Gray f sand, wet, brittle } 5.9
(6.5'-8.0) Brn vf sand, brittle, wet
8'-12' (8'-12') Gray vf sand, brittle, wet } 3.5
12'-15' (Discrete)
(12'-14') f + vf gray sand, brittle, wet
(14'-15') Silty clay, gray, plastic, little stiff } 2.7

SB6 well to 15'. 10' Screen, 4' Riser.

Signature [signature] Title PM

Date 5/10/06 No. 15207
Client Phillips Lytle, Maxville
Subject SSI
Weather Sunny Temp. 35° 80°

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

SB7
0-4' (0'-2') Topsoil, brn + orange brn silt. } 2
(2'-4') Cmf Sand, loose brn, dry
4-8' (4'-6') stiff, brittle vf sand, brown, wet } 1.1
(6'-8') Similar material but gray.
8-12' (8-12') Similar soil - gray. } 3.5
12-15' (12-13') Gray vf sand, wet, stiff, brittle. } 5.9
(13-15') Grades to gray clay + silt, some plasticity
Note: 12-15 was a discrete sample.

SB7 well to 15'. 10' Screen. 5' Riser.

SB8
0-4' (0"-5") Concrete
(5"-2') Brown silt fill, soft } 3.9
(2'-4') Cmf sand, moist, loose
4-8' (4-5') Loose cmf sand + gravel, wet } 24
(5'-7') Brn f sand, stiff, brittle, wet
(7'-8') Similar, but gray.
8-12' (8'-10') Cave-in
(10'-12') Gray, dense, stiff vf sand, wet } 16
12'-15' (Discrete)
(12'-13') f sand, wet } 5.7
(13'-14') Dense vf sand wet
(14'-15') Clay + silt, some areas of plasticity. Vf sand + silt at bottom
SB8 well to 15'. 10' screen. 5' Riser.

Signature [signature] Title PM

Date 5/10/06 No. 1520'7
Client Phillips Lytle, Mayville
Subject SSE
Weather Sunny Temp. 75°-80°

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

SB9
0-4' (0-3.5') Fill, black silt or cinder-like material } 208
(3.5'-4.0') Sand + silt, gray and brown, moist,
4-8' (4-6') Brown + orange mottled f sand, brittle, wet } >2,000
(6'-8') Similar soil - gray
8-12' (8-12') Brown f sand, some softer areas, primarily brittle } 1,423
12-14' (Discrete) Soft plastic clay w/some areas of vf sand } 294
moist to wet

SB9 well to 14' 10'-Screen, 4' Riser.

Closed down down and soil cutting down and left site for day. Borings marked with flags.

Signature [signature] Title Pm

Date 5/11/06 No. 15207
Client Phillips Lytle (Mayville)
Subject SSI
Weather Rain Temp. 50°-60°

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

Arrived on-site and set up work area. Zebra arrived. Began performing borings. Calibrated OVM.

SB10
0'-4' (0'-3') Brn silt fill to black cinder-like fill. } 64
(3'-4') Gray f sand, little silt.
4'-8' (4'-5') Loose f sand, brown, wet
(5'-7') Brown mottled orange vf sand, silt, more brittle } 146
(7'-8') Same soil except gray } 284
8'-12' (8'-12') Gray silt f-vf sand
12'-14' (12'-14') Discrete Wet sand cave-in to plastic gray clay + silt } 7
SB10 Well to 14'. 10' Screen. 4' Riser.

SB11
0'-4' (0'-3') Brn silt fill to black cinder-like material, loose } 5
(3'-4') Gray silt f sand, moist
4'-8' (4'-5.5') Brn vf sand, silt
(5.5'-6') mf sand, wet, more loose } 22
(6'-8') Gray vf + f sand, stiff, brittle, wet
8'-12' (8'-9.5') Loose, wet, brown, sand
(9.5'-10') Mixed sand + gravel, brn } 7.6
(10.0'-12') Stiff gray vf sand, some very brittle areas
12'-14' (Discrete) Brittle f sand to plastic gray clay w/some silt, wet } 3
SB11 Well to 14'. 10'-Screen. 4'-Riser

Signature [signature] Title PM

Date 5/11/06 No. 15207
Client Phillips Lytle (Maryville)
Subject SSF
Weather Rain Temp. 50°-60°

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

SB12
0'-4' (0'-3') Soft brn silt + sand fill } 15.2
(3'-4') Brn f sand, moist
4'-8' (4'-6') Brn f sand, wet, brittle } >2,000
(6'-8') Gray f sand, wet, brittle
8'-12' (Discrete) f sand, brittle, gray. Grades to vf sand, wet } >2,000
12'-14' (Discrete) Soft plastic gray clay + silt } 367

SB12 well to 14'. 10-Screen. 4-Riser.

SB13
0'-4' (0'-4') Wood floor to concrete to cmf sand, brn, moist } 5
4'-8' (4'-5') cmf sand, moist to wet
(5'-6') Brn f sand to silt, dense. } 11
(6'-8') Gray f + vf sand, brittle, wet.
8'-12' (Discrete) Gray, wet f sand, brittle } 11
12'-14' (Discrete) Gray clay with silt, soft, plastic, some staffer spots } 3

SB13 well to 14'. 10-Screen, 4-Riser

SB14
0'-4' (0'-3') Wood, concrete, then mixed fill } 14
(3'-4') cmf sand, moist, somewhat loose
4'-8' (4'-5.5') cmf sand, wet, brn
(5.5'-6.5') vf brn sand, brittle } 281
(6.5'-8.0') f gray sand, brittle, wet

Signature [signature] Title Pres

Date 5/11/06 No. 15207
Client Phillips Lytle (Mayville)
Subject SSI
Weather Rain Temp. 50°-60°

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

SB14 - continued
8-12' (Discrete) } f gray sand, brittle, wet } 282
12-14' (Discrete) } Brittle sand, wet to plastic clay + silt somewhat stiff } 260

SB14 well to 14'. 10-screen. 4-Riser.

SB15
0-4' (0-3') Mixed fill } 0.5
(3-4') cmf sand
4-8' (4-5') cmf sand
(5'-6.5') mf brn sand, wet, little soft, wet } 1.6
(6.5'-7.0') f gray sand, wet
8-12' (Discrete) Uniform gray f + vf sand, wet, brittle } 2.0
12-14' (Discrete) f sand to soft, plastic, clay, + silt } 0

SB15 well 14'. 10-screen. 4-Riser.

SB16
0-4' See SB13 (0-4') } 2.1
4-8' See SB13 (4-8') } 1.2
8-12' See SB13 (8-12') } 2.9
12-14' Loose sand to soft gray silt + clay, plastic } 18

SB16 well - Sand.

Signature Scott Osborne Title Pg

Date 5/11/06 No. 15207
Client Phillips Lytle (Mayville)
Subject SSI
Weather Rain Temp. 50° 60°

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

SB17
0-4' (0-3.5') Fill + black cinder-like matl. } 1,271
(3.5-4.0') mf sand, brn, dense
4-8' (4'-6') Brn vf sand, wet, brittle } 1,469
(6'-8') Gray - same
8-12' (Discrete) Gray f sand, wet, brittle } 1,838
12-14' (Discrete) 4" of sand to soft silt + clay, wet } 133
Sampled clay only

SB18 (All Discrete)
0-4' (0-2') Black fill } 168
(2'-4') cmf sand + gravel, sheen
4-8' (4'-5') cmf sand + gravel, sheen } 941
(5'-6') Brn f sand, wet brittle
(6-8') Gry f sand, wet brittle
8-12' (8'-11') f gry sand, brittle } >2,000
(11-12') Silt + f sand w/clay, moist
Well to 12'. 10-Screen, 2' Riser.

SB19 (All Discrete)
0-4' (0-4') Fill to cmf sand } 1.2
(4-8') cmf sand to brn sand to gray sand, wet brittle } 1.0
(8-12') Gry brittle f sand, wet } 25

Secured site. Left for day.

Signature [signature] Title PM

BS 1/2

Date 5/12/06 No. 15207
Client Phillips Lytle (Standard Portable)
Subject Groundwater Sampling
Weather Sun + Rain Temp. 50°-60°

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

Travelled to subject site. Set-up survey equipment and measured wellhead elevations

Location	BS	FS	HI	Elevation
BM	3.46		103.46	100.00
SB1		5.36	103.46	98.10
SB2		5.60	103.46	97.86
SB3		4.97	103.46	98.49
SB4		4.09	103.46	99.37
SB5		3.74	103.46	99.72
SB6		2.26	103.46	101.20
SB7	3.78 (BM)	2.09	103.78	101.69
SB8		4.14	103.78	99.64
SB9		5.12	103.46	98.34
SB10		5.51	103.46	97.95
SB11		5.25	103.46	98.21
SB12		5.08	103.46	98.38
SB13	3.53 (BM)	3.87	103.53	99.66
SB14		3.78	103.53	99.75
SB15		3.83	103.53	99.70
SB16		4.60	103.46	98.86
SB17		5.15	103.46	98.31
SB18		4.32	103.46	99.14
SB19		4.83	103.46	98.63

Signature _____ Title PM

Date 5/12/06 No 15707
Client Phillips Lytle (Standard Portable)
Subject Groundwater Sampling
Weather Sun + Rain Temp. 50°-60°

Hazard Evaluations, Inc.
3836 N. Buffalo Rd.
Orchard Park, NY 14127
(716) 667-3130

FIELD INVESTIGATION REPORT

Used water level indicator to gauge groundwater levels. Purged and sampled wells. Note: Most of the wells had a substantial amount of vf sand within them.

Location	Reference Elevation	Depth to Water	GW Elevation	Gal Purged	Notes
SB1	98.10	3.30	94.80	<1	Much PSH Sampled water + PSH.
SB2	97.86	4.44	93.42	2.5+	clear to Lt Sediment
SB3	98.49	3.41	95.08	2.0+	Heavy Sediment, Slow Recharge
SB4	99.37	4.65	94.72	1.0-1.5	Much vf sand, Good Recharge
SB5	99.72	3.01	96.71	2.5+	Began to clear
SB6	101.20	4.29	96.91	2.5+	Began to clear
SB7	101.69	3.84	97.85	2.0+	Much vf sand
SB8	99.64	2.80	96.84	<1	much sand, little rech.
SB9	98.34	3.56	94.78	1.5-2.0	Sheen, odor
SB10	97.95	3.23	94.72	1.0±	Cloudy, low recharge
SB11	98.21	1.89	96.32	2.5±	cloudy, good recharge
SB12	98.38	1.95	96.43	2.0-2.5	Some Sheen
SB13	99.66	2.85	96.81	1.0±	Much vf sand
SB14	99.75	3.06	96.69	1.0±	Much vf sand
SB15	99.70	2.92	96.78	1.5±	vf sand, recharge OK
SB16	98.86	2.91	95.95	1.0-1.5	vf sand, good recharge
SB17	98.31	2.27	96.04	1.5	Sheen
SB18	99.14	2.61	96.53	1.5-2.0	Heavy Sheen
SB19	98.63	2.90	95.73	2.5+	vf sand, OK rech.

Signature [signature] Title PM

Attachment 3

Analytical Summary Tables

Table 1
Jo Lyn Enterprises, Ltd.

Soil Sample Analytical Results; Volatile Organics
May 10 & 11, 2006 Sampling Dates

Analytical Parameter	SB5 (8'-12')	SB8 (4'-8')	SB10 (8'-12') (off-site)	SB10 (12'-14') (off-site)	SB11 (4'-8')	SB13 (4'-8')	Recommended Soil Cleanup Objective (TAGM 4046)
Cis-1,2-Dichloroethene	"	"	1,240*	55.2	132	42.0	NA
Methylene Chloride	"	"	"	"	"	"	100
1,1,2,2-Tetrachloroethane	"	"	"	"	"	"	600
Tetrachloroethene	17.6	"	"	17.7	24.2	13.5	1,400
1,1,2-Trichloroethane	"	"	"	"	"	"	NA
Trichloroethene	706	1,980	4,040*	468	1,820*	2,560*	700
Vinyl Chloride	"	"	26.9	"	"	"	200
Benzene	"	"	"	"	"	"	60
Ethylbenzene	"	"	"	"	"	"	5,500
Toluene	"	"	"	"	"	"	1,500
Xylenes	"	"	"	"	"	"	1,200

Notes: 1) Results from USEPA Method 8260 for Volatiles; All results in ppb (ug/kg).
2) NA = Not Applicable
3) " means compound not detected above Method Detection Limit (MDL).
4) * = Estimated Value. Concentration exceeds calibration range.

Table 1 (Continued)
Jo Lyn Enterprises, Ltd.

Soil Sample Analytical Results; Volatile Organics
May 10 & 11, 2006 Sampling Dates

Analytical Parameter	SB16 (8'-12')	SB16 (12'-14')	SB17 (8'-12')	SB17 (12'-14') Clay	SB18 (8'-12')	Recommended Soil Cleanup Objective (TAGM 4046)
Cis-1,2-Dichloroethene	23.5	41.5	1,360*	6,230*	323	NA
Methylene Chloride	"	"	"	"	"	100
1,1,2,2-Tetrachloroethane	"	"	"	"	"	600
Tetrachloroethene	14.3	10.1	"	"	52.8	1,400
1,1,2-Trichloroethane	"	"	"	"	93.8	NA
Trichloroethene	2,110*	2,670*	6,510*	592	8,720*	700
Vinyl Chloride	"	"	56.7	279	16.2	200
Benzene	"	"	"	"	"	60
Ethylbenzene	"	"	"	"	"	5,500
Toluene	"	"	14.8	"	21.3	1,500
Xylenes	"	"	"	"	"	1,200

Notes: 1) Results from USEPA Method 8260 for Volatiles; All results in ppb (ug/kg).
2) NA = Not Applicable
3) " means compound not detected above Method Detection Limit (MDL).
4) * = Estimated Value. Concentration exceeds calibration range.

Table 2
Jo Lyn Enterprises, Ltd.

Groundwater Sample Analytical Results; Volatile Organics
May 12, 2006 Sampling Date

Analytical Parameter	SB1 (off-site)	SB2	SB5	SB7	SB8	SB9 (off-site)	SB10 (off-site)	SB11	Water Quality Standards (See note)
Cis-1,2-Dichloroethene	18,100	"	"	"	396*	58,900*	1,470*	164	5
Methylene Chloride	"	"	"	"	"	"	"	"	5
1,1,2,2-Tetrachloroethane	"	"	"	"	"	"	"	"	5
Tetrachloroethene	497	"	"	"	"	444	2.27	7.08	5
1,1,2-Trichloroethane	1,210	"	"	"	"	"	"	"	1
Trichloroethene	132,000*	14.6	18.4	30.5	773*	134,000*	1,410*	77.7	5
Vinyl Chloride	4,660	"	"	"	21.0	6,840	318*	6.69	2
Ethylbenzene	"	"	"	"	"	"	"	"	5
Toluene	"	"	"	"	2.01	"	"	"	5
Xylenes	"	"	"	"	"	"	"	"	5

Notes: 1) Results from USEPA Method 8260 for Volatiles; All results in ppb (ug/l).
2) Shaded results exceed the applicable Water Quality Standard.
3) NA means Not Applicable.
4) " means compound not detected above MDL.
5) Water Quality Standards from either TOGS 1.1.1 or TAGM 4046.
6) * = Estimated Value. Concentration exceeds calibration range.

Table 2 (Continued)
Jo Lyn Enterprises, Ltd.

Groundwater Sample Analytical Results; Volatile Organics
May 12, 2006 Sampling Date

Analytical Parameter	SB13	SB16	SB17	SB18	SB19	Trip Blank	Equip. Blank	Water Quality Standards (See note)
Cis-1,2-Dichloroethene	33.4	9.11	10,600*	10,500	"	"	"	5
Methylene Chloride	"	"	"	"	"	"	"	5
1,1,2,2-Tetrachloroethane	"	"	"	"	"	"	"	5
Tetrachloroethene	3.86	"	551	540	4.07	"	"	5
1,1,2-Trichloroethane	"	"	57.9	1,550	"	"	"	1
Trichloroethene	552*	711*	16,600*	151,000*	86.6	22.8	28.4	5
Vinyl Chloride	"	"	190	335	"	"	"	2
Ethylbenzene	"	"	23.9	"	"	"	"	5
Toluene	"	"	47.5	"	"	"	"	5
Xylenes	"	"	93.7	"	"	"	"	5

Notes: 1) Results from USEPA Method 8260 for Volatiles; All results in ppb (ug/l).
2) Shaded results exceed the applicable Water Quality Standard.
3) NA means Not Applicable.
4) " means compound not detected above MDL.
5) Water Quality Standards from either TOGS 1.1.1 or TAGM 4046.
6) * = Estimated Value. Concentration exceeds calibration range.

Attachment 4

Laboratory Analytical Report

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB5 (8-12')
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 06-1527
Lab Sample Number: 5238

Date Sampled: 05/11/2006
Date Received: 05/23/2006
Date Analyzed: 05/24/2006

Halocarbons	Results in ug / Kg
cis-1,2-Dichloroethene	ND< 10.6
Methylene chloride	ND< 26.6
1,1,2,2-Tetrachloroethane	ND< 10.6
Tetrachloroethene	17.6
1,1,2-Trichloroethane	ND< 10.6
Trichloroethene	706
Vinyl chloride	ND< 10.6

Aromatics	Results in ug / Kg
Ethylbenzene	ND< 10.6
Toluene	ND< 10.6
m,p-Xylene	ND< 10.6
o-Xylene	ND< 10.6

ELAP Number 10958 Method: EPA 8260B Data File: V36536.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E = Estimated value. Concentration exceeds calibration range.

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB8 (4-8')
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 06-1527
Lab Sample Number: 5226

Date Sampled: 05/10/2006
Date Received: 05/23/2006
Date Analyzed: 05/24/2006

Halocarbons	Results in ug / Kg
cis-1,2-Dichloroethene	ND< 78.8
Methylene chloride	ND< 197
1,1,2,2-Tetrachloroethane	ND< 78.8
Tetrachloroethene	ND< 78.8
1,1,2-Trichloroethane	ND< 78.8
Trichloroethene	1,980
Vinyl chloride	ND< 78.8

Aromatics	Results in ug / Kg
Ethylbenzene	ND< 78.8
Toluene	ND< 78.8
m,p-Xylene	ND< 78.8
o-Xylene	ND< 78.8

ELAP Number 10958 Method: EPA 8260B Data File: V36524.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations, Inc.

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB8 (4'-8')
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 06-1527
Lab Sample Number: 5226

Date Sampled: 05/10/2006
Date Received: 05/23/2006
Date Analyzed: 05/24/2006
Date Reissued: 06/28/2006

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 78.8
Bromomethane	ND< 78.8
Bromoform	ND< 78.8
Carbon Tetrachloride	ND< 78.8
Chloroethane	ND< 78.8
Chloromethane	ND< 78.8
2-Chloroethyl vinyl Ether	ND< 78.8
Chloroform	ND< 78.8
Dibromochloromethane	ND< 78.8
1,1-Dichloroethane	ND< 78.8
1,2-Dichloroethane	ND< 78.8
1,1-Dichloroethene	ND< 78.8
cis-1,2-Dichloroethene	ND< 78.8
trans-1,2-Dichloroethene	ND< 78.8
1,2-Dichloropropane	ND< 78.8
cis-1,3-Dichloropropene	ND< 78.8
trans-1,3-Dichloropropene	ND< 78.8
Methylene chloride	ND< 197
1,1,2,2-Tetrachloroethane	ND< 78.8
Tetrachloroethene	ND< 78.8
1,1,1-Trichloroethane	ND< 78.8
1,1,2-Trichloroethane	ND< 78.8
Trichloroethene	1,980
Trichlorofluoromethane	ND< 78.8
Vinyl chloride	ND< 78.8

Aromatics	Results in ug / Kg
Benzene	ND< 78.8
Chlorobenzene	ND< 78.8
Ethylbenzene	ND< 78.8
Toluene	ND< 78.8
m,p-Xylene	ND< 78.8
o-Xylene	ND< 78.8
Styrene	ND< 78.8
1,2-Dichlorobenzene	ND< 78.8
1,3-Dichlorobenzene	ND< 78.8
1,4-Dichlorobenzene	ND< 78.8

Ketones	Results in ug / Kg
Acetone	ND< 394
2-Butanone	ND< 197
2-Hexanone	ND< 197
4-Methyl-2-pentanone	ND< 197

Miscellaneous	Results in ug / Kg
Carbon disulfide	ND< 197
Vinyl acetate	ND< 197

ELAP Number 10958 Method: EPA 8260B Data File: V36524.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

ELECTRONIC REPORT FACSIMILE. THE ORIGINAL IS THE SIGNED COPY.

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB10 (8-12')
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 06-1527
Lab Sample Number: 5227

Date Sampled: 05/11/2006
Date Received: 05/23/2006
Date Analyzed: 05/24/2006

Halocarbons		Results in ug / Kg
cis-1,2-Dichloroethene	E	1,240
Methylene chloride		ND< 21.0
1,1,2,2-Tetrachloroethane		ND< 8.41
Tetrachloroethene		ND< 8.41
1,1,2-Trichloroethane		ND< 8.41
Trichloroethene	E	4,040
Vinyl chloride		26.9

Aromatics	Results in ug / Kg
Ethylbenzene	ND< 8.41
Toluene	ND< 8.41
m,p-Xylene	ND< 8.41
o-Xylene	ND< 8.41

ELAP Number 10958 Method: EPA 8260B Data File: V36525.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB10 (12-14')
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 06-1527
Lab Sample Number: 5228

Date Sampled: 05/11/2006
Date Received: 05/23/2006
Date Analyzed: 05/24/2006

Halocarbons	Results in ug / Kg
cis-1,2-Dichloroethene	55.2
Methylene chloride	ND< 15.4
1,1,2,2-Tetrachloroethane	ND< 6.14
Tetrachloroethene	17.7
1,1,2-Trichloroethane	ND< 6.14
Trichloroethene	468
Vinyl chloride	ND< 6.14

Aromatics	Results in ug / Kg
Ethylbenzene	ND< 6.14
Toluene	ND< 6.14
m,p-Xylene	ND< 6.14
o-Xylene	ND< 6.14

ELAP Number 10958 Method: EPA 8260B Data File: V36526.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB11 (4-8')
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 06-1527
Lab Sample Number: 5229

Date Sampled: 05/11/2006
Date Received: 05/23/2006
Date Analyzed: 05/24/2006

Halocarbons		Results in ug / Kg
cis-1,2-Dichloroethene		132
Methylene chloride		ND< 20.5
1,1,2,2-Tetrachloroethane		ND< 8.20
Tetrachloroethene		24.2
1,1,2-Trichloroethane		ND< 8.20
Trichloroethene	E	1,820
Vinyl chloride		ND< 8.20

Aromatics	Results in ug / Kg
Ethylbenzene	ND< 8.20
Toluene	ND< 8.20
m,p-Xylene	ND< 8.20
o-Xylene	ND< 8.20

ELAP Number 10958 Method: EPA 8260B Data File: V36527.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB13 (4-8')
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 06-1527
Lab Sample Number: 5230

Date Sampled: 05/11/2006
Date Received: 05/23/2006
Date Analyzed: 05/24/2006

Halocarbons		Results in ug / Kg
cis-1,2-Dichloroethene		42.0
Methylene chloride		ND< 21.3
1,1,2,2-Tetrachloroethane		ND< 8.51
Tetrachloroethene		13.5
1,1,2-Trichloroethane		ND< 8.51
Trichloroethene	E	2,560
Vinyl chloride		ND< 8.51

Aromatics	Results in ug / Kg
Ethylbenzene	ND< 8.51
Toluene	ND< 8.51
m,p-Xylene	ND< 8.51
o-Xylene	ND< 8.51

ELAP Number 10958 Method: EPA 8260B Data File: V36528.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E = Estimated value. Concentration exceeds calibration range.

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB16 (8-12')
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 06-1527
Lab Sample Number: 5231

Date Sampled: 05/11/2006
Date Received: 05/23/2006
Date Analyzed: 05/24/2006

Halocarbons		Results in ug / Kg
cis-1,2-Dichloroethene		23.5
Methylene chloride		ND< 17.2
1,1,2,2-Tetrachloroethane		ND< 6.87
Tetrachloroethene		14.3
1,1,2-Trichloroethane		ND< 6.87
Trichloroethene	E	2,110
Vinyl chloride		ND< 6.87

Aromatics	Results in ug / Kg
Ethylbenzene	ND< 6.87
Toluene	ND< 6.87
m,p-Xylene	ND< 6.87
o-Xylene	ND< 6.87

ELAP Number 10958 Method: EPA 8260B Data File: V36529.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E = Estimated value. Concentration exceeds calibration range.

Signature:
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB16 (12-14')
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 06-1527
Lab Sample Number: 5232
Date Sampled: 05/11/2006
Date Received: 05/23/2006
Date Analyzed: 05/24/2006

Halocarbons		Results in ug / Kg
cis-1,2-Dichloroethene		41.5
Methylene chloride		ND< 19.1
1,1,2,2-Tetrachloroethane		ND< 7.63
Tetrachloroethene		10.1
1,1,2-Trichloroethane		ND< 7.63
Trichloroethene	E	2,670
Vinyl chloride		ND< 7.63

Aromatics	Results in ug / Kg
Ethylbenzene	ND< 7.63
Toluene	ND< 7.63
m,p-Xylene	ND< 7.63
o-Xylene	ND< 7.63

ELAP Number 10958 Method: EPA 8260B Data File: V36530.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E = Estimated value. Concentration exceeds calibration range.

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM
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Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations

Client Job Site:	PL-Mayville	**Lab Project Number:**	06-1527
		Lab Sample Number:	5233
Client Job Number:	15207		
Field Location:	SB17 (8-12')	**Date Sampled:**	05/11/2006
Field ID Number:	N/A	**Date Received:**	05/23/2006
Sample Type:	Soil	**Date Analyzed:**	05/24/2006

Halocarbons		Results in ug / Kg
cis-1,2-Dichloroethene	E	1,360
Methylene chloride		ND< 19.5
1,1,2,2-Tetrachloroethane		ND< 7.81
Tetrachloroethene		ND< 7.81
1,1,2-Trichloroethane		ND< 7.81
Trichloroethene	E	6,510
Vinyl chloride		56.7

Aromatics	Results in ug / Kg
Ethylbenzene	ND< 7.81
Toluene	14.8
m,p-Xylene	ND< 7.81
o-Xylene	ND< 7.81

ELAP Number 10958 Method: EPA 8260B Data File: V36533.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations

Client Job Site:	PL-Mayville	**Lab Project Number:**	06-1527
		Lab Sample Number:	5234
Client Job Number:	15207		
Field Location:	SB17 (12-14')clay	**Date Sampled:**	05/11/2006
Field ID Number:	N/A	**Date Received:**	05/23/2006
Sample Type:	Soil	**Date Analyzed:**	05/24/2006

Halocarbons		Results in ug / Kg
cis-1,2-Dichloroethene	E	6,230
Methylene chloride		ND< 17.7
1,1,2,2-Tetrachloroethane		ND< 7.07
Tetrachloroethene		ND< 7.07
1,1,2-Trichloroethane		ND< 7.07
Trichloroethene		592
Vinyl chloride		279

Aromatics	Results in ug / Kg
Ethylbenzene	ND< 7.07
Toluene	ND< 7.07
m,p-Xylene	ND< 7.07
o-Xylene	ND< 7.07

ELAP Number 10958 Method: EPA 8260B Data File: V36534.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E = Estimated value. Concentration exceeds calibration range.
Surrogate outlier indicates probable matrix effect

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB18 (8-12')
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 06-1527
Lab Sample Number: 5235

Date Sampled: 05/11/2006
Date Received: 05/23/2006
Date Analyzed: 05/24/2006

Halocarbons		Results in ug / Kg
cis-1,2-Dichloroethene		323
Methylene chloride		ND< 24.2
1,1,2,2-Tetrachloroethane		ND< 9.68
Tetrachloroethene		52.8
1,1,2-Trichloroethane		93.8
Trichloroethene	E	8,720
Vinyl chloride		16.2

Aromatics	Results in ug / Kg
Ethylbenzene	ND< 9.68
Toluene	21.3
m,p-Xylene	ND< 9.68
o-Xylene	ND< 9.68

ELAP Number 10958 Method: EPA 8260B Data File: V36535.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram
E = Estimated value. Concentration exceeds calibration range.

Signature:

Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations, Inc.

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB18 (8'-12')
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 06-1527
Lab Sample Number: 5235

Date Sampled: 05/11/2006
Date Received: 05/23/2006
Date Analyzed: 05/24/2006
Date Reissued: 06/28/2006

Halocarbons	Results in ug / Kg
Bromodichloromethane	ND< 9.68
Bromomethane	ND< 9.68
Bromoform	ND< 9.68
Carbon Tetrachloride	ND< 9.68
Chloroethane	ND< 9.68
Chloromethane	ND< 9.68
2-Chloroethyl vinyl Ether	ND< 9.68
Chloroform	ND< 9.68
Dibromochloromethane	ND< 9.68
1,1-Dichloroethane	ND< 9.68
1,2-Dichloroethane	ND< 9.68
1,1-Dichloroethene	ND< 9.68
cis-1,2-Dichloroethene	323
trans-1,2-Dichloroethene	ND< 9.68
1,2-Dichloropropane	ND< 9.68
cis-1,3-Dichloropropene	ND< 9.68
trans-1,3-Dichloropropene	ND< 9.68
Methylene chloride	ND< 24.2
1,1,2,2-Tetrachloroethane	ND< 9.68
Tetrachloroethene	52.8
1,1,1-Trichloroethane	ND< 9.68
1,1,2-Trichloroethane	93.8
Trichloroethene	E 8,720
Trichlorofluoromethane	ND< 9.68
Vinyl chloride	16.2

Aromatics	Results in ug / Kg
Benzene	ND< 9.68
Chlorobenzene	ND< 9.68
Ethylbenzene	ND< 9.68
Toluene	21.3
m,p-Xylene	ND< 9.68
o-Xylene	ND< 9.68
Styrene	ND< 9.68
1,2-Dichlorobenzene	ND< 9.68
1,3-Dichlorobenzene	ND< 9.68
1,4-Dichlorobenzene	ND< 9.68

Ketones	Results in ug / Kg
Acetone	ND< 48.4
2-Butanone	ND< 24.2
2-Hexanone	ND< 24.2
4-Methyl-2-pentanone	ND< 24.2

Miscellaneous	Results in ug / Kg
Carbon disulfide	58.7
Vinyl acetate	ND< 24.2

ELAP Number 10958 Method: EPA 8260B Data File: V36535.D

Comments: ND denotes Non Detect
ug / Kg = microgram per Kilogram

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Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: Trip Blank
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1527
Lab Sample Number: 5236

Date Sampled: 05/11/2006
Date Received: 05/23/2006
Date Analyzed: 05/26/2006

Halocarbons	Results in ug / L
cis-1,2-Dichloroethene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	22.8
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V36577.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site:	PL-Mayville	**Lab Project Number:**	06-1527
		Lab Sample Number:	5237
Client Job Number:	15207		
Field Location:	Equipment Blank	**Date Sampled:**	05/11/2006
Field ID Number:	N/A	**Date Received:**	05/23/2006
Sample Type:	Water	**Date Analyzed:**	05/26/2006

Halocarbons	Results in ug / L
cis-1,2-Dichloroethene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	28.4
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V36578.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY:	Hazard Evaluations, Inc.	COMPANY:	
ADDRESS:	3636 N. Buffalo Rd.	ADDRESS:	
CITY:	Orchard Park STATE: NY ZIP: 14127	CITY: STATE: ZIP:	
PHONE:	(716) 667-3170 FAX: (716) 667-3156	PHONE: FAX:	
ATTN:		ATTN:	

LAB PROJECT #: 06-1527 CLIENT PROJECT #: 15207

TURNAROUND TIME: (WORKING DAYS) STD OTHER: ☐ 1 ☐ 2 ☐ 3 ☐ 5 ☐

QUOTE #:

PROJECT NAME/SITE NAME: PL-Mayville

COMMENTS: Note Sample Date; Watch HT

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	cis-1,2-DCE	Methylene Chloride	1,1,2-PCA, TCE	1,1,2-TCA, PCE	VC, Ethylbenzene	Toluene, Xylenes	8260 by			REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/10/06			X	SB8 (4'-8')	Soil	1	X										52261
2	5/11/06			X	SB10 (8'-12')													52272
3					SB10 (12'-14')													52283
4					SB11 (4'-8')				•									52294
5					SB13 (4'-8')													52305
6					SB16 (8'-12')													52316
7					SB16 (12'-14')													52327
8					SB17 (8'-12')												Hot	52338
9					SB17 (12'-14') Clay												Hot (WHG)	52349
10					SB18 (8'-12')													52350

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation:	Y ☒	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature:	Y ☐	N ☒
Comments: 8°C iced		

Sampled By — Date/Time: 5/12/06

Relinquished By — Date/Time: 5/22/06

Received By — Date/Time: 5/22/06

Received @ Lab By — Date/Time: 5/23/06 1005 am

Total Cost:

P.I.F.

PS Cyz

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:	INVOICE TO:	
COMPANY: Hazard Evaluations, Inc	COMPANY:	LAB PROJECT #: 06-1527 / CLIENT PROJECT #: 157007
ADDRESS: 3836 N. Buffalo Rd	ADDRESS:	
CITY: Orchard Park STATE: NY ZIP: 14127	CITY: STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)
PHONE: (716) 667-7730 FAX: (716) 667-3156	PHONE: FAX:	STD / OTHER: ☐ 1 ☐ 2 ☐ 3 ☐ 5 ☐
ATTN:	ATTN:	QUOTE #:

PROJECT NAME/SITE NAME: PL - Mayville

COMMENTS: Note Sample Matrix: Water HT

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	52 Lead	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/11/06			X	Trip Blank	W	2	X		52365
2	5/11/06			X	Equipment Blank	W	2	X		52367
3	5/11/06			X	SB5 8'-12'	Soil	1	X		52368
4										
5										
6										
7										
8										
9										
10										

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation:	Y ☒	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature: 8°C iced	Y ☐	N ☒
Comments:		

Sampled By	5/12/06 Date/Time	Total Cost:
Relinquished By	5/22/06 Date/Time	
Received By	5/22/06 Date/Time	P.I.F.
Received @ Lab By: Elizabeth A. Yknca	5/23/06 1005 am Date/Time	

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB1
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5239

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/25/2006

Halocarbons		Results in ug / L
cis-1,2-Dichloroethene		18,100
Methylene chloride		ND< 500
1,1,2,2-Tetrachloroethane		ND< 200
Tetrachloroethene		497
1,1,2-Trichloroethane		1,210
Trichloroethene	E	132,000
Vinyl chloride		4,660

Aromatics	Results in ug / L
Ethylbenzene	ND< 200
Toluene	ND< 200
m,p-Xylene	ND< 200
o-Xylene	ND< 200

ELAP Number 10958 Method: EPA 8260B Data File: V36545.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter
E = Estimated value. Concentration exceeds calibration range.

Signature:
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB2
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5240

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/26/2006

Halocarbons	Results in ug / L
cis-1,2-Dichloroethene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	14.6
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V36579.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB5
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5243

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/26/2006

Halocarbons	Results in ug / L
cis-1,2-Dichloroethene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	18.4
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V36586.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB7
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5245

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/26/2006

Halocarbons	Results in ug / L
cis-1,2-Dichloroethene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	30.5
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V36587.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations, Inc.

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB7
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5245

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/26/2006
Date Reissued: 06/28/2006

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	30.5
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 5.00
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V36587.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

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Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB8
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5246

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/25/2006

Halocarbons		Results in ug / L
cis-1,2-Dichloroethene	E	396
Methylene chloride		ND< 5.00
1,1,2,2-Tetrachloroethane		ND< 2.00
Tetrachloroethene		ND< 2.00
1,1,2-Trichloroethane		ND< 2.00
Trichloroethene	E	773
Vinyl chloride		21.0

Aromatics	Results in ug / L
Ethylbenzene	ND< 2.00
Toluene	2.01
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V36551.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB9
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5247

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/25/2006

Halocarbons		Results in ug / L
cis-1,2-Dichloroethene	E	58,900
Methylene chloride		ND< 500
1,1,2,2-Tetrachloroethane		ND< 200
Tetrachloroethene		444
1,1,2-Trichloroethane		ND< 200
Trichloroethene	E	134,000
Vinyl chloride		6,840

Aromatics	Results in ug / L
Ethylbenzene	ND< 200
Toluene	ND< 200
m,p-Xylene	ND< 200
o-Xylene	ND< 200

ELAP Number 10958 Method: EPA 8260B Data File: V36552.D

Comments: ND denotes Non Detect
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Signature:
Bruce Hoogesteger: Technical Director

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ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations, Inc.

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB9
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5247

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/25/2006
Date Reissued: 06/28/2006

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 200
Bromomethane	ND< 200
Bromoform	ND< 200
Carbon Tetrachloride	ND< 200
Chloroethane	ND< 200
Chloromethane	ND< 200
2-Chloroethyl vinyl Ether	ND< 200
Chloroform	ND< 200
Dibromochloromethane	ND< 200
1,1-Dichloroethane	ND< 200
1,2-Dichloroethane	ND< 200
1,1-Dichloroethene	ND< 200
cis-1,2-Dichloroethene	E 58,900
trans-1,2-Dichloroethene	382
1,2-Dichloropropane	ND< 200
cis-1,3-Dichloropropene	ND< 200
trans-1,3-Dichloropropene	ND< 200
Methylene chloride	ND< 500
1,1,2,2-Tetrachloroethane	ND< 200
Tetrachloroethene	444
1,1,1-Trichloroethane	ND< 200
1,1,2-Trichloroethane	ND< 200
Trichloroethene	E 134,000
Trichlorofluoromethane	ND< 200
Vinyl chloride	6,840

Aromatics	Results in ug / L
Benzene	ND< 70.0
Chlorobenzene	ND< 200
Ethylbenzene	ND< 200
Toluene	ND< 200
m,p-Xylene	ND< 200
o-Xylene	ND< 200
Styrene	ND< 200
1,2-Dichlorobenzene	ND< 200
1,3-Dichlorobenzene	ND< 200
1,4-Dichlorobenzene	ND< 200

Ketones	Results in ug / L
Acetone	ND< 1,000
2-Butanone	ND< 500
2-Hexanone	ND< 500
4-Methyl-2-pentanone	ND< 500

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 500
Vinyl acetate	ND< 500

ELAP Number 10958 Method: EPA 8260B Data File: V36552.D

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ELECTRONIC REPORT FACSIMILE. THE ORIGINAL IS THE SIGNED COPY.

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ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB10
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5248

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/25/2006

Halocarbons		Results in ug / L
cis-1,2-Dichloroethene	E	1,470
Methylene chloride		ND< 5.00
1,1,2,2-Tetrachloroethane		ND< 2.00
Tetrachloroethene		2.27
1,1,2-Trichloroethane		ND< 2.00
Trichloroethene	E	1,410
Vinyl chloride	E	318

Aromatics	Results in ug / L
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V36553.D

Comments: ND denotes Non Detect
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Signature: _____
Bruce Hoogesteger: Technical Director

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ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB11
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5249

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/26/2006

Halocarbons	Results in ug / L
cis-1,2-Dichloroethene	164
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	7.08
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	77.7
Vinyl chloride	6.69

Aromatics	Results in ug / L
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V36588.D

Comments: ND denotes Non Detect
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E = Estimated value. Concentration exceeds calibration range.

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB13
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5251

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/25/2006

Halocarbons		Results in ug / L
cis-1,2-Dichloroethene		33.4
Methylene chloride		ND< 5.00
1,1,2,2-Tetrachloroethane		ND< 2.00
Tetrachloroethene		3.86
1,1,2-Trichloroethane		ND< 2.00
Trichloroethene	E	552
Vinyl chloride		ND< 2.00

Aromatics	Results in ug / L
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V36555.D

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Signature:
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB16
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5254

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/25/2006

Halocarbons		Results in ug / L
cis-1,2-Dichloroethene		9.11
Methylene chloride		ND< 5.00
1,1,2,2-Tetrachloroethane		ND< 2.00
Tetrachloroethene		ND< 2.00
1,1,2-Trichloroethane		ND< 2.00
Trichloroethene	E	711
Vinyl chloride		ND< 2.00

Aromatics	Results in ug / L
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V36556.D

Comments: ND denotes Non Detect
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Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB17
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5255
Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/25/2006

Halocarbons		Results in ug / L
cis-1,2-Dichloroethene	E	10,600
Methylene chloride		ND< 50.0
1,1,2,2-Tetrachloroethane		ND< 20.0
Tetrachloroethene		551
1,1,2-Trichloroethane		57.9
Trichloroethene	E	16,600
Vinyl chloride		190

Aromatics	Results in ug / L
Ethylbenzene	23.9
Toluene	47.5
m,p-Xylene	71.8
o-Xylene	21.9

ELAP Number 10958 Method: EPA 8260B Data File: V36557.D

Comments: ND denotes Non Detect
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E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site:	PL-Mayville	**Lab Project Number:**	06-1528
		Lab Sample Number:	5256
Client Job Number:	15207		
Field Location:	SB18	**Date Sampled:**	05/12/2006
Field ID Number:	N/A	**Date Received:**	05/23/2006
Sample Type:	Water	**Date Analyzed:**	05/25/2006

Halocarbons		Results in ug / L
cis-1,2-Dichloroethene		10,500
Methylene chloride		ND< 500
1,1,2,2-Tetrachloroethane		ND< 200
Tetrachloroethene		540
1,1,2-Trichloroethane		1,550
Trichloroethene	E	151,000
Vinyl chloride		335

Aromatics	Results in ug / L
Ethylbenzene	ND< 200
Toluene	ND< 200
m,p-Xylene	ND< 200
o-Xylene	ND< 200

ELAP Number 10958 Method: EPA 8260B Data File: V36558.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report for Non-potable Water

Client: Hazard Evaluations

Client Job Site: PL-Mayville
Client Job Number: 15207
Field Location: SB19
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-1528
Lab Sample Number: 5257

Date Sampled: 05/12/2006
Date Received: 05/23/2006
Date Analyzed: 05/26/2006

Halocarbons	Results in ug / L
cis-1,2-Dichloroethene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	4.07
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	86.6
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V36583.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter
E = Estimated value. Concentration exceeds calibration range.

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY:	Hazard Evaluations Inc.	COMPANY:	
ADDRESS:	3836 N. Buffalo Rd.	ADDRESS:	
CITY:	Orchard Park STATE: NY ZIP: 14127	CITY: STATE: ZIP:	
PHONE:	(716) 667-3150 FAX: (716) 667-3154	PHONE: FAX:	
ATTN:		ATTN:	

LAB PROJECT #: 06-1528 CLIENT PROJECT #: 15207

TURNAROUND TIME: (WORKING DAYS) STD OTHER: ☐1 ☐2 ☐3 ☐5 ☐

QUOTE #:

PROJECT NAME/SITE NAME: NL - Mayville

COMMENTS: NoTE Sample Date, Batch HT / Analyze VOA without Bubbles

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	cis-1,2-DCE / Methylene Chloride	1,1,2-PCA / TCE	1,1,2-TCA / PCE	VC / Ethylbenzene	Toluene / Xylenes	by 8260			REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/12/06			X	SB1	GW	2	X								Hot	52391
2					SB2												52400
3					SB3											Hot COC 52411	52411
4					SB4											SB3,SB1	52422
5					SB5												52433
6					SB6							SB6		Hold		COC 52444 SB6	52444
7					SB7												52455
8					SB8												52466
9					SB9											Hot	52477
10					SB10												52488

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation:	Y ☒	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature: 10°C iced	Y ☐	N ☒
Comments:		

Sampled By	5/12/06	Date/Time
Relinquished By	5/22/06	Date/Time
Received By	5/22/06	Date/Time
Received @ Lab By	Elizabeth A. Horch 5/23/06 1020am	Date/Time

Total Cost:

P.I.F.

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY:	Hazard Evaluations Inc.	COMPANY:	
ADDRESS:	3636 N. Buffalo Rd.	ADDRESS:	
CITY:	Orchard Park	STATE: NY	ZIP: 14127
PHONE:	(716) 667-3130	FAX: (716) 667-3156	

LAB PROJECT #: 06-1528
CLIENT PROJECT #: 15207

TURNAROUND TIME: (WORKING DAYS) STD OTHER: 1 2 3 5

PROJECT NAME/SITE NAME: PL-Mayville

ATTN:

COMMENTS: Note Sample Date: Watch HT / Analyze VOA w/ Headspace Bubbles

QUOTE #:

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	Sel PAGE 1									REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/12/06			X	SB11	GW	2	X										52499
2					SB12		4								SB12		Hot Hold CPC MH 5/24/06 Jordan	52500
3					SB13												CPC Hold MH 5/24/06	52501
4					SB14					Hold					Hold		Little VOC Hold MH 5/24/06	52502
5					SB15										SB15		CPC Hold MH 5/24/06	52503
6					SB16										Hold			52504
7					SB17												Hot	52505
8					SB18												Hot	52506
9					SB19													52507
10																		

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments:	Y [X]	N [ ]
Preservation: Comments:	Y [X]	N [ ]
Holding Time: Comments:	Y [X]	N [ ]
Temperature: Comments: 10°C iced	Y [ ]	N [X]

Sampled By	5/12/06 Date/Time	Total Cost:
Relinquished By	5/22/06 Date/Time	
Received By	5/22/06 Date/Time	P.I.F.
Received @ Lab By	Elizabeth A Hench 5/23/06 1020 am Date/Time	