

June 22, 2011

Vincent Cutrona, VP
Evans Bank, NA
One Grimsby Drive
Hamburg, New York 14075

**Re: Focused Phase II Environmental Site Assessment
Commercial Property, 100 Ridge Road, Lackawanna, NY**

Dear Mr. Cutrona:

In accordance with our agreement, dated May 13, 2011, Hazard Evaluations, Inc. (HEI) completed a Focused Phase II Environmental Site Assessment (ESA) at the above-referenced (subject) site. Both the ESA and this related letter report were completed on behalf of, and for the use of, Evans Bank, NA (hereinafter "Client") for its reliance in the environmental assessment of the subject site. Use of this ESA report by any other party is strictly prohibited, except by authorization in writing from the Client.

The purpose of this Focused Phase II ESA was to complete a limited investigation of the site conditions as identified in a Phase I Environmental Site Assessment prepared by Hazard Evaluations, Inc., dated May 2011. This Focused Phase II ESA investigation was completed to address the potential presence of contaminated soil and/or groundwater related to the historical use of the site for gasoline sales and service and dry cleaning, as well as its being a site historically associated with the former Bethlehem Steel facility. The field investigative activities and related Phase II ESA results are summarized below.

Soil Boring Installation and Soil Sampling/Analysis

On June 3, 2011, a direct-push boring rig was mobilized to the subject site to install soil borings in an effort to identify the presence of soil contamination related to the conditions of concern identified above. A total of ten push borings were installed on the subject site throughout various locations within areas of concern. Additionally, two manual samples were taken using a hand auger. All approximate sampling locations are as depicted in Figure 1 (Attachment 1). At each boring location, hollow stem sampling probes were used to obtain discrete soil samples at approximately four foot depth intervals to the bottom of each boring. Manual samples were obtained to a depth of approximately 3 feet below grade (bg). Sampling equipment was initially decontaminated, and then again after each sample was collected using an Alconox/water wash and water rinse. 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 volatile organic compounds (VOCs) using a portable PID (See Attachment 1 for Field Notes). Moist soils were encountered within several

borings across the six to twelve foot depth interval. After all discrete samples for each boring had been collected the boring was backfilled with the remaining excavated soil/fill. Subsequently, all asphalt and concrete surfaces were patched, where applicable.

Several of the soil/fill samples collected from the site (SB1, SB2, SB3, SB5, SB6 and SB8) exhibited positive VOCs headspace readings which were noted to be significantly higher than what would be anticipated as background in nature (0-25 ppm). The highest readings recorded included 133 ppm within SB2 (0-4'), 1,087 ppm within SB5 (4'-8'), 787 ppm within SB6 (8'-12') and 102 ppm within SB8 (0'-4'). Weak unidentifiable odors were noted within soil samples SB2 and SB8. Weak to notable petroleum-type odors were observed within SB4, SB5 and SB6. In addition, samples SB7, SB8, SB9 and SB10 all exhibited various dark green, orange, brown, off-white and gray grainy fill materials of an unidentifiable nature. Based on observed conditions and PID readings, five discrete soil/fill samples from the soil borings were placed in appropriate containers that were labeled and sealed, preserved in the field by cooling, and handled under chain-of-custody procedures until receipt by a NYSDEC-approved analytical laboratory. Sample SB2 (0'-4') was analyzed for volatile organic compounds (VOCs) using USEPA Method 8260 TCL, sample SB5 (4'-8') was analyzed for VOCs using USEPA Method 8260 TCL and semi-volatile organic compounds (SVOCs) using USEPA Method 8270 STARS B/N, sample SB6 (8'-12') was analyzed for SVOCs using USEPA Method 8270 STARS B/N, PCBs and Total RCRA Metals, and sample SB8 (0'-4') and a composite sample prepared for SB7, SB9 and SB10 were analyzed for VOCs using USEPA Method 8260 TCL, SVOCs using USEPA Method 8270 TCL A/B/N, Total Cyanide, and TAL Metals. Discrete samples collected from other borings installed across the site exhibited either lower VOCs headspace readings, less notable characteristics of concern, or no other evidence of contamination, and therefore were not selected for analysis.

Groundwater Sampling

Two 1" diameter temporary PVC piezometers were installed, one within boring SB2 and one within SB5, to allow for the collection of shallow groundwater samples. The piezometer consisted of a slotted PVC well screen installed to the bottom of the boring. Prior to sampling, approximately one well volume worth of water was purged from the piezometer and then allowed to recharge. Both wells exhibited very low recharge rates which yielded poor sample recovery. A new single-use polyethylene bailer was used to collect an unfiltered groundwater sample from each well. These samples (GW1 and GW2) were placed in sample jars and chilled in the field. However, upon review, neither of these groundwater samples was selected for analysis due to both the poor well recharge rates (not a full sample yield) and/or significant amounts of sediment being suspended within a small amount of water. It was assumed by HEI that such samples would yield data of uncertain quality. Following sampling, the temporary piezometers were removed from the ground for disposal, and the borings were backfilled with the remaining excavated soil/fill.

Discussion of Results

The analytical results indicate that several volatile organic compounds were detected in the samples from SB2, SB5, SB6, SB8 and the SB7, 9 and 10 (4'-8') composite sample (Table 1; Attachment 2). In SB2 (0'-4'), Tetrachloroethene was found

to exceed the applicable NYSDEC Soil Cleanup Objective (SCO) for both Unrestricted Use (UUSCO) sites, as presented in 6 NYCRR Part 375-6.8 Table 375-6(a), and for Commercial Use sites (CUSCO), as presented in 6 NYCRR Part 375-6.8 Table 375-6(b). In SB5 (4'-8'), two parameters were detected, including Ethylbenzene and Xylenes, both of which exceeded the applicable UUSCOs. In samples SB6 (8'-12'), SB8 (0'-4') and the SB7, 9 & 10 (4'-8') composite, several VOCs parameters were detected; however, none exceeded the applicable UUSCOs.

The analytical results also indicate that Napthalene was the only semi-volatile organic compound detected on-site [SB5 (4'-8')], but at a concentration below UUSCO (Table 2). No PCBs (Table 3) were detected in the sample selected [SB6 (8'-12')]. Various metals were detected in all samples analyzed, which would be considered normal for soils and fill materials located throughout Western New York. However, the SB8 (0'-4') and SB7, 9 & 10 (4'-8') composite samples both exhibited various metals above the applicable NYSDEC Soil Cleanup Objectives (SCO) for both Unrestricted Use (UUSCO) sites, as presented in 6 NYCRR Part 375-6.8 Table 375-6(a), and Protection of Ecological Resources, as presented in Table 1 of the NYSDEC's Soil Cleanup Guidance document CP-51, dated October 21, 2010. In addition, the toxic metal Arsenic was detected at a level in SB8 (0'-4') above the Soil Cleanup Objective (SCO) for Commercial Use sites (CUSCO), as presented in 6 NYCRR Part 375-6.8 Table 375-6(b). The Laboratory Analytical Report is presented in Attachment 3.

Conclusions

Based on the results of this focused investigation, it appears that past gasoline sales and service station operations have impacted the on-site soil profile to a limited extent. Within the approximate bounds of a portion of the former filling station historically located in and adjacent to the southeastern corner of the subject site, three borings were installed, and from those two samples were selected for analysis. Weak to notable petroleum-type odors had been observed within all three of these borings during field activities. This on-site area generally represents a historical UST location from which tanks were removed and an inactive site status was provided by the NYSDEC in the 1980s. SB5 (4'-8') yielded a high VOCs headspace and analytical results substantially exceeding the UUSCOs for Ethylbenzene and Xylenes, both constituents of gasoline. SB6 (8'-12') yielded a high head space and low levels of a variety of gasoline constituents. Based on both the field observations and the analytical results for this portion of the subject site, HEI suggests that such conditions meet the requirements of a reportable petroleum release according to the NYSDEC's CP-51, as would be mandated under the NYS Environmental Conservation Law.

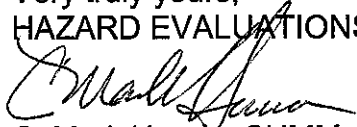
Also based on the results of this focused investigation, it appears that past dry cleaning operations have also impacted the on-site soil profile. Related to a historical dry cleaner located in the southwestern corner of the subject site, three borings were installed, and from those one soil/fill sample was selected for analysis. SB2 (0'-4') yielded a moderate VOCs headspace and analytical results substantially exceeding the UUSCOs and CUSCO for Tetrachloroethene, commonly known as PCE or dry cleaning fluid. It should also be noted that this contaminant was also detected in samples SB8 (0'-4') and SB7, 9 & 10 (4'-8') composite at levels below the UUSCOs. Both of these

samples were collected from the northern portion of the facility some distance away from the former dry cleaning establishment. Weak unidentifiable odors had been noted within soil samples SB2 and SB8 during field activities. Based on the field observations and the PCE analytical results for the southwestern portion of the subject site, HEI suggests that such conditions meet the requirements for inclusion in one of several environmental remediation programs (e.g., Inactive Hazardous Waste Disposal Site, Brownfield Cleanup, Voluntary Cleanup, etc.). However, the need to report this contamination is not clear at this point due to the varying requirements associated with reporting a release of hazardous wastes/substances, for which no documentation was identified by HEI during the Phase I ESA recently completed. A final determination regarding the need for limited remediation regarding this specific area of contamination may need to be made by the agency.

Similarly, based on the results of this focused investigation, it appears that historical use of the entire area encompassing the subject site for the disposal of steel manufacturing-related slag has impacted the on-site soil/fill profile. Four borings were installed within the northern portion of the subject site, and at least portions of samples from each boring were selected for analysis. SB8 (0'-4') yielded a moderate VOCs headspace and VOCs analytical results at levels below the UUSCOs, as described above. However, five metals were detected in this sample above the applicable UUSCOs and or Protection of Ecological Resources, and Arsenic was detected at a level above the CUSCO. For the SB7, 9 & 10 composite, four metals were detected above the applicable UUSCOs. Based on the field observations and analytical results for this portion of the subject site, HEI suggests that such conditions may meet the requirements for inclusion in one of several environmental remediation programs (e.g., Brownfield Cleanup, Voluntary Cleanup, etc.). However, the need to report this contamination is not clear at this point due to the varying requirements associated with reporting a release of hazardous substances for which no documentation was identified by HEI during the Phase I ESA recently completed. A final determination regarding the need for limited remediation regarding this specific area of contamination may need to be made by the agency.

The information presented above should adequately summarize HEI's investigative efforts and the results obtained regarding the conditions of environmental concern at the subject site, as identified above. If you have any questions regarding the contents of this letter report, please contact me directly.

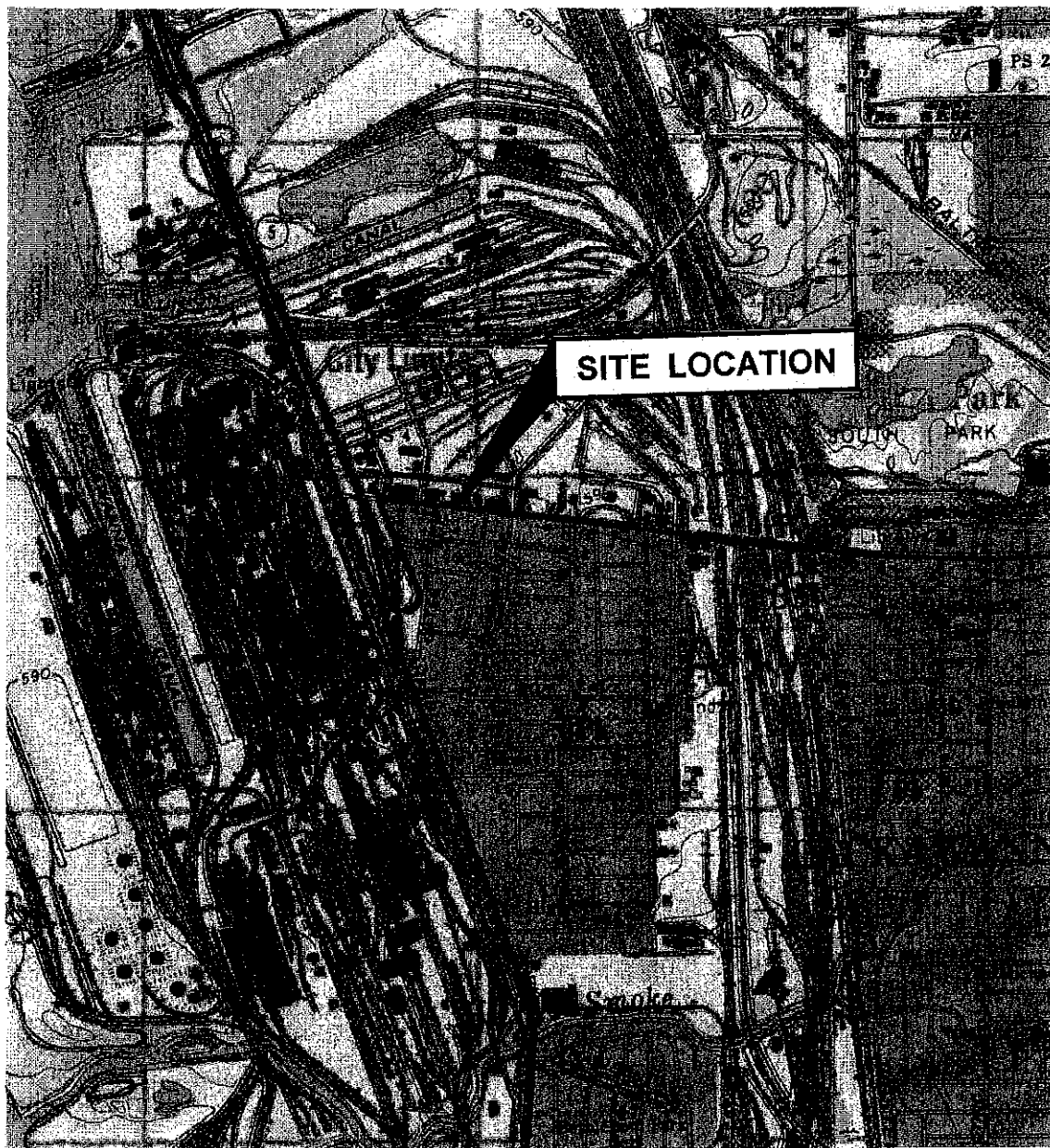
Very truly yours,
HAZARD EVALUATIONS, INC.



C. Mark Hanna, CHMM
President

Attachments
E1047\EBna 100Ridge Rd Lack P2

Attachment 1
Figures & Field Notes



THIS DRAWING IS FOR ILLUSTRATIVE AND INFORMATIONAL PURPOSES ONLY
AND WAS ADAPTED FROM USGS, BUFFALO SE, NEW YORK 1965 QUADRANGLE.



HAZARD EVALUATIONS, INC.

Phase I/II Audits – Site Investigations – Facility Inspections

LOCATION PLAN

COMMERCIAL PROPERTY
100 RIDGE ROAD
LACKAWANNA, NEW YORK

EVANS BANK NA
HAMBURG, NEW YORK

DRAWN BY: LSH

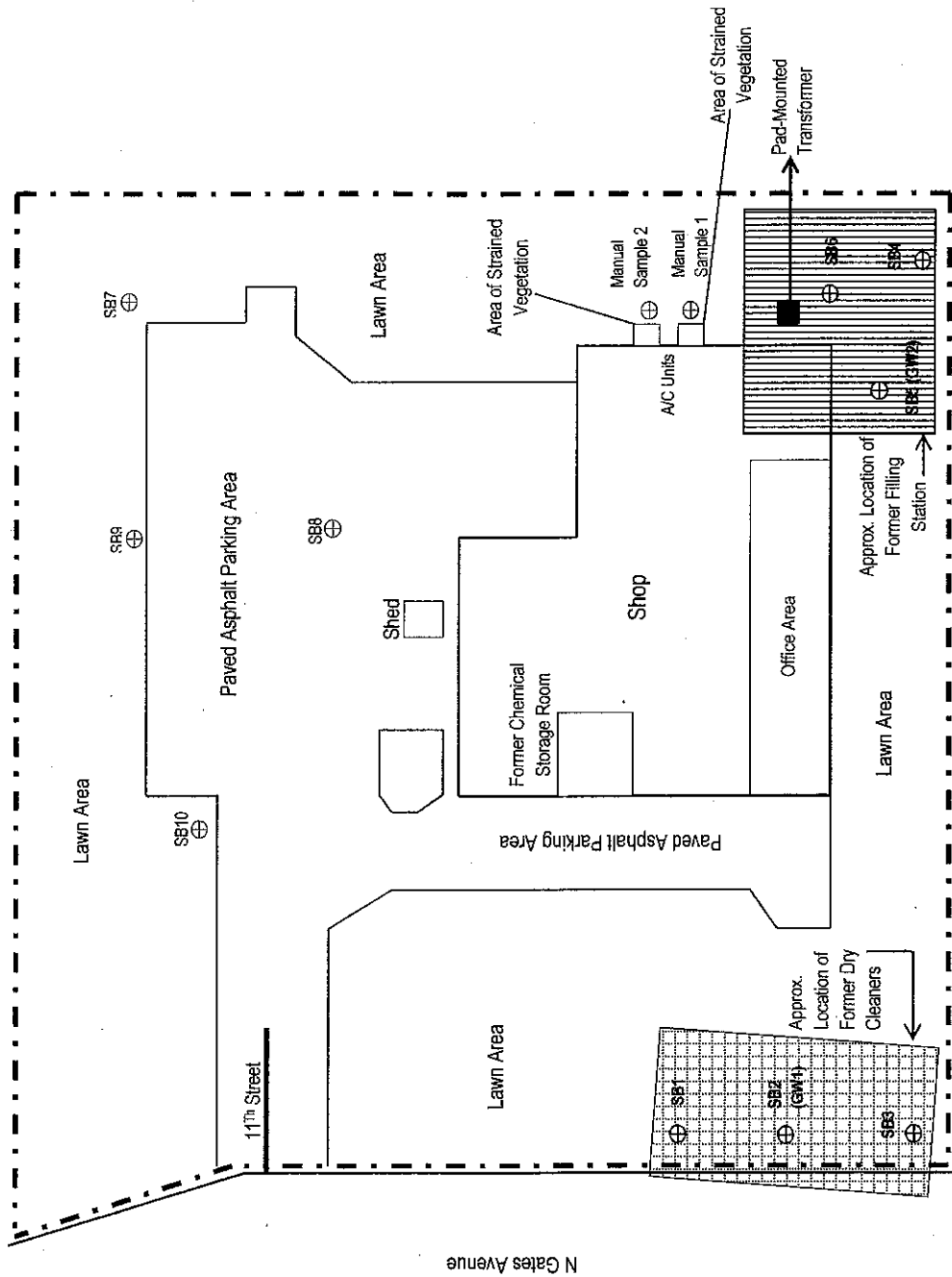
SCALE: NOT TO SCALE

PROJECT: e1037

CHECKED BY: JK

DATE: 04/11

FIGURE NO: 1



HAZARD EVALUATIONS, INC.

Phase I/II Audits – Site Investigations – Facility Inspections

SOIL BORING LOCATIONS

COMMERCIAL PROPERTY

100 RIDGE ROAD

LACKAWANNA, NEW YORK

EVANS BANK NA

HAMBURG, NEW YORK

DRAWN BY: LSH SCALE: NOT TO SCALE PROJECT: e1047

CHECKED BY: JK DATE: 06/11 FIGURE NO: 2

Date: June 3, 2011 Project No. e1047
Client: Evans Bank, NA
Project: Focused Phase II ESA
Site: 100 Ridge Road, Lackawanna, NY
Weather: Sunny and Warm Temp.

Hazard Evaluations, Inc.
3752 N. Buffalo Rd.
Orchard Park, NY 14127
P (716) 667-3130
F (716) 667-3156

FIELD INVESTIGATION REPORT

HEI arrived on-site at approximately 8:30am.

PID Calibration: Zero calibration (fresh air) = 0.0ppm.
Span calibration (100 ppm Isobutylene) = 100.0ppm.

SB1 (0-4'): Approximately 1' of medium brown silty soil over approximately 3' of medium brown to grayish brown sandy soil with fill material mixed throughout. Moisture was noted within the bottom 6" of sample.
PID = 0.5ppm.
(4'-8'): Medium to reddish, light brown sandy soil becoming moist and claylike within the bottom 2' of sample. PID = 18.8ppm.
(8'-12'): Light to medium brown soft sandy clay becoming more dense with increased depth. Possible light staining noted within top 1' of sample.
PID = 35.5ppm.

SB2 (0-4'): Medium brown silty soil with traces of dark fill material. Dark brown, moist sandy soil was noted within the bottom 6" of the sample. PID = 133ppm.
(4'-8'): Medium soft, light to medium brown silty clay with approximately 6" of dark material and staining noted at bottom of sample. PID = 44.9ppm.
(8'-12'): Medium brown to light brown sandy claylike soil becoming more dense with increased depth. PID = 33.2ppm.
(12'-16'): Moist brown to light brown sandy claylike soil becoming more dense with Increased depth. PID = 28.5ppm.

SB3 (0-4'): Medium brown silty soil overlying an approximately 6" layer of dark silty soil, underlain by approximately 1.5' of medium to light brown sandy soil.
PID = 22.1ppm.
(4'-8'): Approximately 6' of dark brown silty soil over moist, medium brown, soft claylike soil with stony pieces mixed throughout. PID = 20.6ppm.

... SB3 continued on next page...

Signature



Title

Environmental Scientist

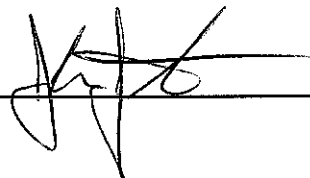
Date: June 3, 2011 Project No. e1047
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FIELD INVESTIGATION REPORT

SB3	(8'-10.5'):	Medium to light brown moist clay with stony pieces mixed throughout. PID = 10.9ppm.
SB4	(0-4'):	Approximately 6" of medium brown sandy soil overlying approximately 2.5' of grainy, coarse sandy soil with gray fill pieces mixed throughout. Approximately 6" of dark gray to black sandy soil was noted at bottom. PID = 0.0ppm.
	(4'-8'):	Approximately 6" of dark, sandy claylike soil overlying approximately 2' of medium brown stiff clay underlain by approximately 1.5' of medium soft clay with minor traces of gray material and a slight odor. PID = 44.5ppm.
	(8'-9'):	Light to reddish brown moist sandy soil with apparent staining noted throughout as well as a weak petroleum type odor. PID = 66.2ppm.
SB5	(0-4'):	Approximately 1.5' of medium brown sandy soil with grainy fill material noted within the bottom 6" of boring. PID = 0.0ppm.
	(4'-8'):	Light gray coarse fill over approximately 6" of dark coarse fill underlain by approximately 1.5' of heavily stained sandy claylike soil overlying heavily stained soft gray clay. Strong odor noted. PID = 1087ppm.
	(8'-12'):	Approximately 6" of medium brown grainy soil overlying 1.5' of soft light brown clay with minor amounts of possible staining present. Light petroleum odor identified. PID = 15.8ppm.
	(12'-16'):	Light brown soft sandy clay overlying approximately 2' of light brown clay with significant staining and odor noted. PID = 108ppm.
SB6	(0-4'):	Approximately 6" of medium brown sandy soil over light to dark gray sandy fill material becoming rust colored near bottom of sample. PID = 0.0ppm.
.... SB6 continued on next page....		

Signature



Title

Environmental Scientist

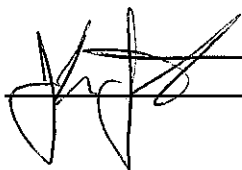
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FIELD INVESTIGATION REPORT

SB6	(4'-8'):	Poor recovery. Rusty brown to light gray granular fill. PID = 0.0pp.
	(8'-12'):	Medium to grayish brown moist, soft to medium soft clay with approximately 6" of stiff reddish clay noted at approximately 1.5' depth. Significant petroleum odor noted. PID = 787ppm.
SB7	(0-4'):	Approximately 6" of medium brown soil overlying approximately 1' of concrete fill over medium to dark brown sandy soil. PID = 1.4ppm.
	(4'-8'):	Light gray to brown sandy fill overlying reddish rusty brown granular fill underlain by gray to whitish brown granular fill with dark green fill at bottom. PID = 0.0ppm.
	(8'-12'):	Moist, greenish granular fill overlying brown to greenish gray granular fill. PID = 0.0ppm.
SB8	(0-4'):	Asphalty fill overlying light to medium brown asphalty fill and sandy soil Underlain by medium to dark brown sandy soil mixed with assorted fill pieces. Strange odor identified. PID = 102ppm.
	(4'-8'):	Dark reddish brown to reddish black sandy fill overlying light brown to gray granular fill, underlain by dark greenish granular fill. PID = 3.4ppm.
	(8'-12'):	Approximately 2' of dark to light brown sandy fill overlying greenish Granular fill with approximately 3" of dark grayish black sand at bottom of boring. PID = 1.8ppm.
SB9	(0-4'):	Medium brown sandy soil and concrete fill overlying greenish to light brown Granular fill. PID = 0.0ppm.
	(4'-8'):	Approximately 1.5' of rusty orange granular fill overlying greenish gray granular fill. PID = 0.0ppm.
	(8'-12'):	Poor recovery. Moist dark gray to greenish granular fill overlying medium brown sandy soil with small fill pieces mixed throughout. PID = 0.0ppm.

Signature



Title

Environmental Scientist

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FIELD INVESTIGATION REPORT

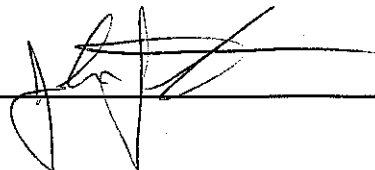
SB10 (0-4'):	Medium brown soil overlying stony fill, underlain by light to reddish brown sandy soil. PID = 0.0ppm.
(4'-8'):	Light, whitish granular fill overlying reddish, rusty brown fill underlain by greenish gray fill. PID = 0.0ppm.
(8'-12'):	Approximately 1' of brown, moist granular fill overlying approximately 3' of green to light gray granular fill. PID = 0.0ppm.

*Groundwater wells were installed within borings SB2 and SB5. Approximately one well volume was purged and each well was allowed to recharge. Due to slow recharge rates, samples taken exhibited significant amounts of sediment as very little water was noted to be within each well at the time of sampling.

Manual Sample 1: Consisted of a composite sample of approximately 0-3' depth. Soils consisted of light to medium brown sandy soil with various fill pieces mixed throughout. PID = 0.0ppm.

Manual Sample 2: Consisted of a composite sample of approximately 0-3' depth. Soils consisted of light to medium brown sandy soil with various fill pieces mixed throughout. PID = 0.0ppm.

Signature



Title

Environmental Scientist

Attachment 2

Summary Data Tables

Table 1
Soil Sample Analytical Results; Volatile Organics (TCL & STARS)
100 Ridge Road, Lackawanna, New York
June 3, 2011 Sampling Date

Analytical Parameter	SB2 (0-4)	SB5 (4-8)	SB6 (8-12)	SB8 (0-4)	(7, 9, 10, 4-8) Composite	Unrestricted Use Soil Cleanup Objectives (RPSC 375-6.8)	Restricted Use Soil Cleanup Objectives Commercial (RPSC 376-6.8)
Bromodichloromethane	ND	ND	NA	ND	ND	*	*
Bromomethane	ND	ND	NA	ND	ND	*	*
Bromoform	ND	ND	NA	ND	ND	*	*
Carbon Tetrachloride	ND	ND	NA	ND	ND	760	22,000
Chloroethane	ND	ND	NA	ND	ND	*	*
Chloromethane	ND	ND	NA	ND	ND	*	*
2-Chloroethyl vinyl ether	ND	ND	NA	ND	ND	*	*
Chloroform	ND	ND	NA	ND	ND	370	350,000
Dibromochloromethane	ND	ND	NA	ND	ND	10,000	*
1,1-Dichloroethane	ND	ND	NA	ND	ND	270	240,000
1,2-Dichloroethane	ND	ND	NA	ND	ND	20	30,000
1,1-Dichloroethene	ND	ND	NA	ND	ND	330	500,000
cis-1,2-Dichloroethene	ND	ND	NA	ND	ND	250	500,000
trans-1,2-Dichloroethene	ND	ND	NA	ND	ND	190	500,000
1,2-Dichloropropane	ND	ND	NA	ND	ND	700,000	*
cis-1,3-Dichloropropene	ND	ND	NA	ND	ND	*	*
trans-1,3-Dichloropropene	ND	ND	NA	ND	ND	*	*
Methylene Chloride	ND	ND	NA	37.4	ND	50	500,000
1,1,2,2-Tetrachloroethane	ND	ND	NA	ND	ND	*	*
Tetrachloroethene	232,000	ND	NA	290	72.6	1,300	150,000
1,1,1-Trichloroethane	ND	ND	NA	ND	ND	680	500,000
1,1,2-Trichloroethane	ND	ND	NA	ND	ND	*	*
Trichloroethene	ND	ND	NA	14.4	ND	470	200,000
Trichlorofluoromethane	ND	ND	NA	ND	ND	*	*
1,2,4-Trimethylbenzene	NA	NA	392	NA	NA	3,600	190,000
1,3,5-Trimethylbenzene	NA	NA	ND	NA	NA	8,400	190,000
Vinyl Chloride	ND	ND	NA	ND	ND	20	13,000
Benzene	ND	ND	ND	ND	ND	60	44,000
n-Butylbenzene	NA	NA	ND	NA	NA	12,000	*
Chlorobenzene	ND	ND	NA	ND	ND	1,100	500,000
Hexachlorobenzene	NA	NA	NA	NA	NA	330	6,000
Ethylbenzene	ND	4,520	88.0	27.3	ND	1,000	390,000
Methyl tert-butyl ether	NA	NA	ND	NA	NA	930	500,000
n-Propylbenzene	NA	NA	ND	NA	NA	3,900	500,000
sec-Butylbenzene	NA	NA	ND	NA	NA	11,000	500,000
tert-Butylbenzene	NA	NA	ND	NA	NA	5,900	500,000
Naphthalene	NA	NA	ND	NA	NA	12,000	*
p-Isopropyltoluene	NA	NA	ND	NA	NA	10,000	*

Table 1 (continued)
Soil Sample Analytical Results; Volatile Organics (TCL & STARS)
100 Ridge Road, Lackawanna, New York
June 3, 2011 Sampling Date

Analytical Parameter	SB2 (0.4')	SB5 (4.3')	SB6 (8.12')	SB8 (0.4')	(7, 9, 10, 14, 8) Composite	Unrestricted Use Soil Cleanup Objectives (RPSO 375.6.8)	Restricted Use Soil Cleanup Objectives Commercial (RPSO 375.6.8)
Isopropylbenzene	NA	NA	ND	NA	NA	2,300	*
Toluene	ND	ND	ND	ND	ND	700	500,000
Xylenes (mixed)	ND	15,400	113	181.4	18.8	260	500,000
Styrene	ND	ND	NA	ND	ND	300,000	*
1,2-Dichlorobenzene	ND	ND	NA	ND	ND	1,100	500,000
1,3-Dichlorobenzene	ND	ND	NA	ND	ND	2,400	280,000
1,4-Dichlorobenzene	ND	ND	NA	ND	ND	1,800	130,000
Acetone	ND	ND	NA	ND	ND	50	500,000
2-Butanone (MEK)	ND	ND	NA	ND	ND	120	500,000
2-Hexanone	ND	ND	NA	ND	ND	*	*
4-Methyl-2-pentanone	ND	ND	NA	ND	ND	*	*
Carbon Disulfide	ND	ND	NA	9.89	ND	*	*
Vinyl acetate	ND	ND	NA	ND	ND	*	*

- Notes:
- 1) Results from USEPA Method 8260 for Volatiles; All results in ppb (ug/kg).
 - 2) SCOs from 6NYCRR Subpart 375-6: Remedial Program Soil Cleanup (ppb).
 - 3) ND means compound not detected above MDL.
 - 4) Lightly shaded results indicate concentration exceeds UUSCO.
 - 5) Darker shaded results indicate concentration exceeds RUSCO.
 - 6) * means no SCO determined, or if present, Soil Cleanup Level from DEC Policy CP51.
 - 7) NA means Not Applicable; -- means no analysis conducted

Table 2
Soil Sample Analytical Results; Semi-Volatile Organics (TCL A/B/N & STARS)
100 Ridge Road, Lackawanna, New York
June 3, 2011 Sampling Date

Analytical Parameter	SB5 (4-6)	SB6 (8-12)	SB8 (0-4)	(7-9/10-4-8) Composite	Unrestricted Use Soil Cleanup Objectives (RFSO 375-6/8)	Restricted Use Soil Cleanup Objective Commercial (RFSO 375-6/8)
Acenaphthene	ND	ND	ND	ND	20,000	500,000
Anthracene	ND	ND	ND	ND	100,000	500,000
Benzo(a)anthracene	ND	ND	ND	ND	1,000	5,600
Benzo(a)pyrene	ND	ND	ND	ND	1,000	1,000
Benzo(b)fluoranthene	ND	ND	ND	ND	1,000	5,600
Benzo(g,h,i)perylene	ND	ND	ND	ND	100,000	500,000
Benzo(k)fluoranthene	ND	ND	ND	ND	800	56,000
Chrysene	ND	ND	ND	ND	1,000	56,000
Diethyl phthalate	NA	NA	ND	ND	100,000	*
Dimethyl phthalate	NA	NA	ND	ND	200,000	*
Butylbenzylphthalate	NA	NA	ND	ND	*	*
Di-n-butylphthalate	NA	NA	ND	ND	14	*
Di-n-octylphthalate	NA	NA	ND	ND	*	*
bis(2-Ethylhexyl)phthalate	NA	NA	ND	ND	239,000	*
2-Chloronaphthalene	NA	NA	ND	ND	*	*
Hexachlorobenzene	NA	NA	ND	ND	*	*
Hexachloroethane	NA	NA	ND	ND	*	*
Hexachlorocyclopentadiene	NA	NA	ND	ND	*	*
Hexachlorobutadiene	NA	NA	ND	ND	*	*
n-Nitroso-di-n-propylamine	NA	NA	ND	ND	*	*
n-Nitrosodiphenylamine	NA	NA	ND	ND	*	*
n-Nitrosodimethylamine	NA	NA	ND	ND	*	*
Isophorone	NA	NA	ND	ND	*	*
Benzyl alcohol	NA	NA	ND	ND	*	*
Dibenzofuran	NA	NA	ND	ND	*	*
2-Methylnaphthalene	NA	NA	ND	ND	*	*
Dibenz(a,h)anthracene	ND	ND	ND	ND	330	560
Fluoranthene	ND	ND	ND	ND	100,000	500,000
Fluorene	ND	ND	ND	ND	30,000	500,000
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	500	5,600
Naphthalene	1,250	ND	ND	ND	12,000	500,000
Phenanthrene	ND	ND	ND	ND	100,000	500,000
Pyrene	ND	ND	ND	ND	100,000	500,000
Acenaphthylene	ND	ND	ND	ND	*	*
1,2-Dichlorobenzene	NA	NA	ND	ND	*	*
1,3-Dichlorobenzene	NA	NA	ND	ND	*	*
1,4-Dichlorobenzene	NA	NA	ND	ND	*	*
1,2,4-Trichlorobenzene	NA	NA	ND	ND	*	*
Nitrobenzene	NA	NA	ND	ND	40,000	*

Table 2 (continued)
Soil Sample Analytical Results; Semi-Volatile Organics (TCL A/B/N & STARS)
100 Ridge Road, Lackawanna, New York
June 3, 2011 Sampling Date

Analytical Parameter	SB5 (4-8)	SB6 (8-12)	SB8 (0-4)	(7,9,10,14-8) Composite	Unrestricted Use Soil Cleanup Objectives (RPSC 375-6.8)	Restricted Use Soil Cleanup Objective Commercial (RPSC 375-6.8)
2,4-Dinitrotoluene	NA	NA	ND	ND	*	*
2,6-Dinitrotoluene	NA	NA	ND	ND	*	*
bis(2-Chloroethyl)ether	NA	NA	ND	ND	*	*
bis(2-Chloroisopropyl)ether	NA	NA	ND	ND	*	*
bis(2-chloroethoxy)methane	NA	NA	ND	ND	*	*
4-Bromophenylphenylether	NA	NA	ND	ND	*	*
4-Chlorophenylphenylether	NA	NA	ND	ND	*	*
Benzidine	NA	NA	ND	ND	*	*
3,3-Dichlorobenzidine	NA	NA	ND	ND	*	*
4-Chloroaniline	NA	NA	ND	ND	*	*
2-Nitroaniline	NA	NA	ND	ND	*	*
3-Nitroaniline	NA	NA	ND	ND	*	*
4-Nitroaniline	NA	NA	ND	ND	*	*
Phenol	NA	NA	ND	ND	330	500,000
2-Chlorophenol	NA	NA	ND	ND	800	*
2,4-Dichlorophenol	NA	NA	ND	ND	20,000	*
2,6-Dichlorophenol	NA	NA	ND	ND	*	*
2,4,5-Trichlorophenol	NA	NA	ND	ND	4,000	*
2,4,6-Trichlorophenol	NA	NA	ND	ND	10,000	*
Pentachlorophenol	NA	NA	ND	ND	*	*
4-Chloro-3-methylphenol	NA	NA	ND	ND	*	*
2-Methylphenol	NA	NA	ND	ND	*	*
3&4-Methylphenol	NA	NA	ND	ND	*	*
2,4-Dimethylphenol	NA	NA	ND	ND	*	*
2-Nitrophenol	NA	NA	ND	ND	7,000	*
4-Nitrophenol	NA	NA	ND	ND	7,000	*
2,4-Dinitrophenol	NA	NA	ND	ND	20,000	*
4,6-Dinitro-2-methylphenol	NA	NA	ND	ND	*	*
Benzoic acid	NA	NA	ND	ND	*	*

- Notes: 1) Results from USEPA Method 8270 for Semi-Volatiles, (B/N Compounds); All results in ppb (ug/kg).
2) SCOs from 6NYCRR Subpart 375-6: Remedial Program Soil Cleanup (ug/kg).
3) ND means compound not detected above MDL.
4) Lightly shaded results indicate concentration exceeds UUSCO.
5) Darker shaded results indicate concentration exceeds RUSCO.
6) * means no SCO determined, or if present, Soil Cleanup Level from DEC Policy CP51.
7) NA means Not Applicable; -- means no analysis conducted.

Table 3
Soil Sample Analytical Results; PCBs
100 Ridge Road, Lackawanna, New York
June 3, 2011 Sampling Date

Analytical Parameter	SB6 (8-12)	Unrestricted Use Soil Cleanup Objective (RPSC 375-6.8)	Restricted Use Soil Cleanup Objective Commercial (RPSC 375-6.8)
Aroclor 1016	ND	*	*
Aroclor 1221	ND	*	*
Aroclor 1232	ND	*	*
Aroclor 1242	ND	*	*
Aroclor 1248	ND	*	*
Aroclor 1254	ND	*	*
Aroclor 1260	ND	*	*
Total PCBs	ND	0.1	1.0

- Notes: 1) Results from USEPA Method 8082 PCBs; All results in ppm (mg/Kg).
2) SCOs from 6NYCdd Subpart 375-6: Remedial Program Soil Cleanup (ppm)
3) ND means compound not detected above MDL.
4) Lightly shaded results indicate concentration exceeds UUSCO.
5) Darker shaded results indicate concentration exceeds RUSCO.
6) NA means Not Applicable.
7) * means no SCO determined.

Table 4
Selected Soil Sample Analytical Results; Total TAL Metals
100 Ridge Road, Lackawanna, New York
June 3, 2011 Sampling Date

Analytical Parameter	SB6 (8-12)	SB8 (0-4)	SB 7,9 & 10 (4-8) Composite	Unrestricted Use Soil Cleanup Objectives (RPSC 375-6.8)	Restricted Use Soil Cleanup Objectives Commercial (RPSC 375-6.8)
Aluminum	NA	21,500	30,400	10,000*	*
Antimony	NA	ND	ND	12*	*
Arsenic	5.11	21.5	7.3	13	16
Barium	66.9	203	196	350	400
Beryllium	NA	3.53	5.48	7.2	590
Boron				0.5*	
Cadmium	ND	ND	ND	2.5	9.3
Calcium	NA	156,000	207,000	10,000*	*
Chromium (Trivalent)	12.0	15.6	7.55	30	1,500
Cobalt	NA	ND	ND	20*	*
Copper	NA	23.7	9.52	50	270
Iron	NA	117,000	33,100	2,000*	*
Lead	11.9	58.5	7.34	63	1,000
Lithium				2*	
Magnesium	NA	8,660	7,930	*	*
Manganese	NA	3,330	2,660	1600	10,000
Mercury	0.0435	ND	ND	0.18	2.8
Molybdenum				2*	
Nickel	NA	12.1	6.86	30	310
Potassium	NA	1,550	766	*	*
Selenium	ND	ND	ND	3.9	1,500
Silver	ND	ND	ND	2	1,500
Sodium	NA	560	ND	*	*
Technetium				0.2*	
Thallium	NA	ND	ND	5*	*
Tin				50*	
Uranium				5*	
Vanadium	NA	29.9	18.2	39*	*
Zinc	NA	333	35.6	109	10,000

- Notes: 1) Results from USEPA Methods SW846-6010 or 7470 for metals; All results in ppm (mg/kg)
2) SCOs from 6 NYCRR Subpart 375-6: Remedial Program Soil Cleanup; (ppm)
3) ND means compound not detected above MDL.
4) Lightly shaded results indicate concentration exceeds UUSCO.
5) Darker shaded results indicate concentration exceeds RUSCO.
6) NA means Not Applicable.
7) * means no SCO determined, or if present, Soil Cleanup Level from DEC Policy CP51.

Attachment 3

Laboratory Analytical Report



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

Hazard Evaluations, Inc.

For Lab Project # 11-2256

Issued June 16, 2011

This report contains a total of 17 pages

- The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

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The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"<" = analyzed for but not detected at or above the reporting limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

**PARADIGM**
ENVIRONMENTAL SERVICES, INC.

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

LABORATORY REPORT FOR TOTAL CYANIDE

Client: Hazard Evaluations, Inc. **Lab Project No.:** 11-2256

Client Job Site: Ridge Road Phase II **Sample Type:** Soil

Client Job No.: N/A **Date Sampled:** 6/3/2011

Method Reference: EPA 335.4 / SW 9012 **Date Received:** 6/7/2011

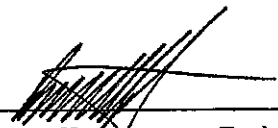
Date Analyzed: 6/15/2011

Lab Sample ID	Sample Location/Field ID	TCN (mg/kg)
7546	SB8 (0-4')	5.8
7547	(7,9,10 4-8' Composite)	5.8

ELAP ID.No.: 10709

Comments:

Approved By: _____


Bruce Hoogesteger, Technical Director

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File ID: HazEval 11-2256



PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR RCRA METALS ANALYSIS IN SOLIDS

Client: Hazard Evaluations Inc.

Lab Project No.: 11-2256

Client Job Site: Ridge Road Phase II

Lab Sample No.: 7545

Client Job No.: N/A

Sample Type: Soil

Field Location: SB6 (8-12')

Date Sampled: 06/03/2011

Field ID No.: N/A

Date Received: 06/07/2011

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Arsenic	06/13/2011	SW846 3050/6010	5.11
Barium	06/13/2011	SW846 3050/6010	66.9
Cadmium	06/13/2011	SW846 3050/6010	< 0.531
Chromium	06/13/2011	SW846 3050/6010	12.0
Lead	06/14/2011	SW846 3050/6010	11.9
Mercury	06/09/2011	SW846 7471	0.0435
Selenium	06/14/2011	SW846 3050/6010	< 1.06
Silver	06/13/2011	SW846 3050/6010	< 1.06

ELAP ID No.:10958

Comments:

Approved By: _____

Bruce Hoogesteger, Technical Director



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ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: Hazard Evaluations Inc.

Lab Project No.: 11-2256

Lab Sample No.: 7546

Client Job Site: Ridge Road Phase II

Sample Type: Soil

Client Job No.: N/A

Date Sampled: 06/03/2011

Field Location: SB8 (0-4')

Date Received: 06/07/2011

Field ID No.: N/A

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	06/13/2011	SW846 3050/6010	21500
Antimony	06/13/2011	SW846 3050/6010	< 7.71
Arsenic	06/13/2011	SW846 3050/6010	21.5
Barium	06/13/2011	SW846 3050/6010	203
Beryllium	06/13/2011	SW846 3050/6010	3.53
Cadmium	06/13/2011	SW846 3050/6010	< 0.642
Calcium	06/13/2011	SW846 3050/6010	156000
Chromium	06/13/2011	SW846 3050/6010	15.6
Cobalt	06/13/2011	SW846 3050/6010	< 6.42
Copper	06/13/2011	SW846 3050/6010	23.7
Iron	06/13/2011	SW846 3050/6010	117000
Lead	06/14/2011	SW846 3050/6010	58.5
Magnesium	06/13/2011	SW846 3050/6010	8660
Manganese	06/13/2011	SW846 3050/6010	3330
Mercury	06/09/2011	SW846 7471	< 0.0099
Nickel	06/13/2011	SW846 3050/6010	12.1
Potassium	06/13/2011	SW846 3050/6010	1550
Selenium	06/14/2011	SW846 3050/6010	< 1.28
Silver	06/13/2011	SW846 3050/6010	< 1.28
Sodium	06/14/2011	SW846 3050/6010	560
Thallium	06/13/2011	SW846 3050/6010	< 3.22
Vanadium	06/13/2011	SW846 3050/6010	29.9
Zinc	06/13/2011	SW846 3050/6010	333

ELAP ID No.:10958

Comments:

Approved By: _____

Bruce Hoogesteger, Technical Director

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PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR TAL METALS ANALYSIS IN SOLIDS

Client: Hazard Evaluations Inc.

Lab Project No.: 11-2256

Client Job Site: Ridge Road Phase II

Lab Sample No.: 7547

Client Job No.: N/A

Sample Type: Soil

Field Location: (7,9,10 4-8' Composite)

Date Sampled: 06/03/2011

Field ID No.: N/A

Date Received: 06/07/2011

Parameter	Date Analyzed	Analytical Method	Result (mg/kg)
Aluminum	06/13/2011	SW846 3050/6010	30400
Antimony	06/13/2011	SW846 3050/6010	< 9.94
Arsenic	06/13/2011	SW846 3050/6010	7.30
Barium	06/13/2011	SW846 3050/6010	196
Beryllium	06/13/2011	SW846 3050/6010	5.48
Cadmium	06/13/2011	SW846 3050/6010	< 0.829
Calcium	06/13/2011	SW846 3050/6010	207000
Chromium	06/13/2011	SW846 3050/6010	7.55
Cobalt	06/13/2011	SW846 3050/6010	< 8.29
Copper	06/13/2011	SW846 3050/6010	9.52
Iron	06/13/2011	SW846 3050/6010	33100
Lead	06/14/2011	SW846 3050/6010	7.34
Magnesium	06/13/2011	SW846 3050/6010	7930
Manganese	06/13/2011	SW846 3050/6010	2660
Mercury	06/09/2011	SW846 7471	< 0.0139
Nickel	06/13/2011	SW846 3050/6010	6.86
Potassium	06/13/2011	SW846 3050/6010	766
Selenium	06/14/2011	SW846 3050/6010	< 1.66
Silver	06/13/2011	SW846 3050/6010	< 1.66
Sodium	06/14/2011	SW846 3050/6010	< 414
Thallium	06/13/2011	SW846 3050/6010	< 4.14
Vanadium	06/13/2011	SW846 3050/6010	18.2
Zinc	06/13/2011	SW846 3050/6010	35.6

ELAP ID No.:10958

Comments:

Approved By: _____

Bruce Hoogesteger, Technical Director

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**PCB Analysis Report for Soils/Solids/Sludges****Client:** Hazard Evaluations, Inc.**Client Job Site:** Ridge Road Phase II**Lab Project Number:** 11-2256**Lab Sample Number:** 7545**Client Job Number:** N/A**Field Location:** SB6 (8-12')**Date Sampled:** 06/03/2011**Field ID Number:** N/A**Date Received:** 06/07/2011**Sample Type:** Soil**Date Analyzed:** 06/09/2011

PCB Identification	Results in mg / Kg
Aroclor 1016	< 0.476
Aroclor 1221	< 0.476
Aroclor 1232	< 0.476
Aroclor 1242	< 0.476
Aroclor 1248	< 0.476
Aroclor 1254	< 0.476
Aroclor 1260	< 0.476

ELAP Number 10958

Analytical Method: EPA 8082A

Prep Method: EPA 3550C

Comments: mg / Kg = milligram per Kilogram

Signature: _____

Bruce Hoogesteger, Technical Director

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**Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges****Client:** Hazard Evaluations Inc.**Client Job Site:** Ridge Road Phase II**Lab Project Number:** 11-2256**Lab Sample Number:** 7544**Client Job Number:** N/A**Field Location:** SB5 (4-8')**Date Sampled:** 06/03/2011**Field ID Number:** N/A**Date Received:** 06/07/2011**Sample Type:** Soil**Date Analyzed:** 06/08/2011

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 347
Acenaphthylene	< 347
Anthracene	< 347
Benzo (a) anthracene	< 347
Benzo (a) pyrene	< 347
Benzo (b) fluoranthene	< 347
Benzo (g,h,i) perylene	< 347
Benzo (k) fluoranthene	< 347
Chrysene	< 347
Dibenz (a,h) anthracene	< 347
Fluoranthene	< 347
Fluorene	< 347
Indeno (1,2,3-cd) pyrene	< 347
Naphthalene	1,250
Phenanthrene	< 347
Pyrene	< 347

ELAP Number 10958

Analytical Method: EPA 8270C

Data File: S57110.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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112256S1.XLS



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

Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: **Hazard Evaluations Inc.**

Client Job Site: Ridge Road Phase II

Lab Project Number: 11-2256

Lab Sample Number: 7545

Client Job Number: N/A

Field Location: SB6 (8-12')

Date Sampled: 06/03/2011

Field ID Number: N/A

Date Received: 06/07/2011

Sample Type: Soil

Date Analyzed: 06/08/2011

Base / Neutrals	Results in ug / Kg
Acenaphthene	< 359
Acenaphthylene	< 359
Anthracene	< 359
Benzo (a) anthracene	< 359
Benzo (a) pyrene	< 359
Benzo (b) fluoranthene	< 359
Benzo (g,h,i) perylene	< 359
Benzo (k) fluoranthene	< 359
Chrysene	< 359
Dibenz (a,h) anthracene	< 359
Fluoranthene	< 359
Fluorene	< 359
Indeno (1,2,3-cd) pyrene	< 359
Naphthalene	< 359
Phenanthrene	< 359
Pyrene	< 359

ELAP Number 10958

Analytical Method: EPA 8270C

Data File: S57111.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger, Technical Director

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112256S2.XLS



Semi-Volatile Analysis Report for Soils/Solids/Sludges

 Client: **Hazard Evaluations Inc.**

Client Job Site: Ridge Road Phase II

Lab Project Number: 11-2256

Lab Sample Number: 7546

Client Job Number: N/A

Field Location: SB8 (0-4")

Field ID Number: N/A

Sample Type: Soil

Date Sampled: 06/03/2011

Date Received: 06/07/2011

Date Analyzed: 06/08/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 371	Dibenz (a,h) anthracene	< 371
Anthracene	< 371	Fluoranthene	< 371
Benzo (a) anthracene	< 371	Fluorene	< 371
Benzo (a) pyrene	< 371	Indeno (1,2,3-cd) pyrene	< 371
Benzo (b) fluoranthene	< 371	Naphthalene	< 371
Benzo (g,h,i) perylene	< 371	Phenanthrene	< 371
Benzo (k) fluoranthene	< 371	Pyrene	< 371
Chrysene	< 371	Acenaphthylene	< 371
Diethyl phthalate	< 371	1,2-Dichlorobenzene	< 371
Dimethyl phthalate	< 927	1,3-Dichlorobenzene	< 371
Butylbenzylphthalate	< 371	1,4-Dichlorobenzene	< 371
Di-n-butyl phthalate	< 371	1,2,4-Trichlorobenzene	< 371
Di-n-octylphthalate	< 371	Nitrobenzene	< 371
Bis (2-ethylhexyl) phthalate	< 371	2,4-Dinitrotoluene	< 371
2-Chloronaphthalene	< 371	2,6-Dinitrotoluene	< 371
Hexachlorobenzene	< 371	Bis (2-chloroethyl) ether	< 371
Hexachloroethane	< 371	Bis (2-chloroisopropyl) ether	< 371
Hexachlorocyclopentadiene	< 371	Bis (2-chloroethoxy) methane	< 371
Hexachlorobutadiene	< 371	4-Bromophenyl phenyl ether	< 371
N-Nitroso-di-n-propylamine	< 371	4-Chlorophenyl phenyl ether	< 371
N-Nitrosodiphenylamine	< 371	Benzidine	< 927
N-Nitrosodimethylamine	< 371	3,3'-Dichlorobenzidine	< 371
Isophorone	< 371	4-Chloroaniline	< 371
Benzyl alcohol	< 927	2-Nitroaniline	< 927
Dibenzofuran	< 371	3-Nitroaniline	< 927
2-Methylnaphthalene	< 371	4-Nitroaniline	< 927

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 371	2-Methylphenol	< 371
2-Chlorophenol	< 371	3&4-Methylphenol	< 371
2,4-Dichlorophenol	< 371	2,4-Dimethylphenol	< 371
2,6-Dichlorophenol	< 371	2-Nitrophenol	< 371
2,4,5-Trichlorophenol	< 927	4-Nitrophenol	< 927
2,4,6-Trichlorophenol	< 371	2,4-Dinitrophenol	< 927
Pentachlorophenol	< 927	4,6-Dinitro-2-methylphenol	< 927
4-Chloro-3-methylphenol	< 371	Benzoic acid	< 927

ELAP Number 10958

Analytical Method: EPA 8270C

Data File: S57108.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature:

Bruce Hoogesteger, Technical Director

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112256S3.XLS



Semi-Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations Inc.

Client Job Site: Ridge Road Phase II

Client Job Number: N/A
Field Location: (7,9,10 4-8' Composite)
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 11-2256
Lab Sample Number: 7547

Date Sampled: 06/03/2011
Date Received: 06/07/2011
Date Analyzed: 06/08/2011

Base / Neutrals	Results in ug / Kg	Base / Neutrals	Results in ug / Kg
Acenaphthene	< 543	Dibenz (a,h) anthracene	< 543
Anthracene	< 543	Fluoranthene	< 543
Benzo (a) anthracene	< 543	Fluorene	< 543
Benzo (a) pyrene	< 543	Indeno (1,2,3-cd) pyrene	< 543
Benzo (b) fluoranthene	< 543	Naphthalene	< 543
Benzo (g,h,i) perylene	< 543	Phenanthrene	< 543
Benzo (k) fluoranthene	< 543	Pyrene	< 543
Chrysene	< 543	Acenaphthylene	< 543
Diethyl phthalate	< 543	1,2-Dichlorobenzene	< 543
Dimethyl phthalate	< 1,360	1,3-Dichlorobenzene	< 543
Butylbenzylphthalate	< 543	1,4-Dichlorobenzene	< 543
Di-n-butyl phthalate	< 543	1,2,4-Trichlorobenzene	< 543
Di-n-octylphthalate	< 543	Nitrobenzene	< 543
Bis (2-ethylhexyl) phthalate	< 543	2,4-Dinitrotoluene	< 543
2-Chloronaphthalene	< 543	2,6-Dinitrotoluene	< 543
Hexachlorobenzene	< 543	Bis (2-chloroethyl) ether	< 543
Hexachloroethane	< 543	Bis (2-chloroisopropyl) ether	< 543
Hexachlorocyclopentadiene	< 543	Bis (2-chloroethoxy) methane	< 543
Hexachlorobutadiene	< 543	4-Bromophenyl phenyl ether	< 543
N-Nitroso-di-n-propylamine	< 543	4-Chlorophenyl phenyl ether	< 543
N-Nitrosodiphenylamine	< 543	Benzidine	< 1,360
N-Nitrosodimethylamine	< 543	3,3'-Dichlorobenzidine	< 543
Isophorone	< 543	4-Chloroaniline	< 543
Benzyl alcohol	< 1,360	2-Nitroaniline	< 1,360
Dibenzofuran	< 543	3-Nitroaniline	< 1,360
2-Methylnaphthalene	< 543	4-Nitroaniline	< 1,360

Acids	Results in ug / Kg	Acids	Results in ug / Kg
Phenol	< 543	2-Methylphenol	< 543
2-Chlorophenol	< 543	3&4-Methylphenol	< 543
2,4-Dichlorophenol	< 543	2,4-Dimethylphenol	< 543
2,6-Dichlorophenol	< 543	2-Nitrophenol	< 543
2,4,5-Trichlorophenol	< 1,360	4-Nitrophenol	< 1,360
2,4,6-Trichlorophenol	< 543	2,4-Dinitrophenol	< 1,360
Pentachlorophenol	< 1,360	4,6-Dinitro-2-methylphenol	< 1,360
4-Chloro-3-methylphenol	< 543	Benzoic acid	< 1,360

ELAP Number 10958

Analytical Method: EPA 8270C

Data File: S57109.D

Prep Method: EPA 3550C

Comments: ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature: _____

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

112256S4.XLS



Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations Inc.

Client Job Site: Ridge Road Phase II

Lab Project Number: 11-2256

Lab Sample Number: 7543

Client Job Number: N/A

Field Location: SB2 (0-4')

Date Sampled: 06/03/2011

Field ID Number: N/A

Date Received: 06/07/2011

Sample Type: Soil

Date Analyzed: 06/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 22,600
Bromomethane	< 22,600
Bromoform	< 56,500
Carbon Tetrachloride	< 22,600
Chloroethane	< 22,600
Chloromethane	< 22,600
2-Chloroethyl vinyl Ether	< 113,000
Chloroform	< 22,600
Dibromochloromethane	< 22,600
1,1-Dichloroethane	< 22,600
1,2-Dichloroethane	< 22,600
1,1-Dichloroethene	< 22,600
cis-1,2-Dichloroethene	< 22,600
trans-1,2-Dichloroethene	< 22,600
1,2-Dichloropropane	< 22,600
cis-1,3-Dichloropropene	< 22,600
trans-1,3-Dichloropropene	< 22,600
Methylene chloride	< 56,500
1,1,2,2-Tetrachloroethane	< 22,600
Tetrachloroethene	232,000
1,1,1-Trichloroethane	< 22,600
1,1,2-Trichloroethane	< 22,600
Trichloroethene	< 22,600
Trichlorofluoromethane	< 22,600
Vinyl chloride	< 22,600

Aromatics	Results in ug / Kg
Benzene	< 22,600
Chlorobenzene	< 22,600
Ethylbenzene	< 22,600
Toluene	< 22,600
m,p-Xylene	< 22,600
o-Xylene	< 22,600
Styrene	< 56,500
1,2-Dichlorobenzene	< 22,600
1,3-Dichlorobenzene	< 22,600
1,4-Dichlorobenzene	< 22,600

Ketones	Results in ug / Kg
Acetone	< 113,000
2-Butanone	< 113,000
2-Hexanone	< 56,500
4-Methyl-2-pentanone	< 56,500

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 22,600
Vinyl acetate	< 56,500

ELAP Number 10958

Method: EPA 8260B

Data File: V85502.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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112256V1.XLS

Volatile Analysis Report for Soils/Solids/Sludges

Client: Hazard Evaluations Inc.

Client Job Site: Ridge Road Phase II

Lab Project Number: 11-2256

Lab Sample Number: 7544

Client Job Number: N/A

Field Location: SB5 (4-8')

Field ID Number: N/A

Sample Type: Soil

Date Sampled: 06/03/2011

Date Received: 06/07/2011

Date Analyzed: 06/13/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 1,190
Bromomethane	< 1,190
Bromoform	< 2,970
Carbon Tetrachloride	< 1,190
Chloroethane	< 1,190
Chloromethane	< 1,190
2-Chloroethyl vinyl Ether	< 5,950
Chloroform	< 1,190
Dibromochloromethane	< 1,190
1,1-Dichloroethane	< 1,190
1,2-Dichloroethane	< 1,190
1,1-Dichloroethene	< 1,190
cis-1,2-Dichloroethene	< 1,190
trans-1,2-Dichloroethene	< 1,190
1,2-Dichloropropane	< 1,190
cis-1,3-Dichloropropene	< 1,190
trans-1,3-Dichloropropene	< 1,190
Methylene chloride	< 2,970
1,1,2,2-Tetrachloroethane	< 1,190
Tetrachloroethene	< 1,190
1,1,1-Trichloroethane	< 1,190
1,1,2-Trichloroethane	< 1,190
Trichloroethene	< 1,190
Trichlorofluoromethane	< 1,190
Vinyl chloride	< 1,190

Aromatics	Results in ug / Kg
Benzene	< 1,190
Chlorobenzene	< 1,190
Ethylbenzene	4,520
Toluene	< 1,190
m,p-Xylene	15,400
o-Xylene	< 1,190
Styrene	< 2,970
1,2-Dichlorobenzene	< 1,190
1,3-Dichlorobenzene	< 1,190
1,4-Dichlorobenzene	< 1,190

Ketones	Results in ug / Kg
Acetone	< 5,950
2-Butanone	< 5,950
2-Hexanone	< 2,970
4-Methyl-2-pentanone	< 2,970

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 1,190
Vinyl acetate	< 2,970

ELAP Number 10958

Method: EPA 8260B

Data File: V85503.D

Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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112256V2.XLS


PARADIGM
 ENVIRONMENTAL SERVICES, INC.

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

Volatile STARS Analysis Report for Soils/Solids/Sludges
Client: Hazard Evaluations Inc.
Client Job Site: Ridge Road Phase II

Lab Project Number: 11-2256

Lab Sample Number: 7545

Client Job Number: N/A

Field Location: SB6 (8-12')

Date Sampled: 06/03/2011

Field ID Number: N/A

Date Received: 06/07/2011

Sample Type: Soil

Date Analyzed: 06/13/2011

Aromatics	Results in ug / Kg
Benzene	< 75.9
n-Butylbenzene	< 75.9
sec-Butylbenzene	< 75.9
tert-Butylbenzene	< 75.9
Ethylbenzene	88.0
n-Propylbenzene	< 75.9
Isopropylbenzene	< 75.9
p-Isopropyltoluene	< 75.9
Naphthalene	< 190
Toluene	< 75.9
1,2,4-Trimethylbenzene	392
1,3,5-Trimethylbenzene	< 75.9
m,p-Xylene	113
o-Xylene	< 75.9
Miscellaneous	
Methyl tert-butyl Ether	< 75.9

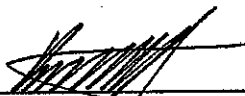
ELAP Number 10958

Method: EPA 8260B

Data File: V85500.D

Comments: ug / Kg = microgram per Kilogram

Signature:


 Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

112256V3.XLS

**Volatile Analysis Report for Soils/Solids/Sludges****Client:** Hazard Evaluations Inc.**Client Job Site:** Ridge Road Phase II**Lab Project Number:** 11-2256**Lab Sample Number:** 7546**Client Job Number:** N/A**Field Location:** SB8 (0-4')**Field ID Number:** N/A**Sample Type:** Soil**Date Sampled:** 06/03/2011**Date Received:** 06/07/2011**Date Analyzed:** 06/11/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 9.57
Bromomethane	< 9.57
Bromoform	< 23.9
Carbon Tetrachloride	< 9.57
Chloroethane	< 9.57
Chloromethane	< 9.57
2-Chloroethyl vinyl Ether	< 47.9
Chloroform	< 9.57
Dibromochloromethane	< 9.57
1,1-Dichloroethane	< 9.57
1,2-Dichloroethane	< 9.57
1,1-Dichloroethene	< 9.57
cis-1,2-Dichloroethene	< 9.57
trans-1,2-Dichloroethene	< 9.57
1,2-Dichloropropane	< 9.57
cis-1,3-Dichloropropene	< 9.57
trans-1,3-Dichloropropene	< 9.57
Methylene chloride	37.4
1,1,2,2-Tetrachloroethane	< 9.57
Tetrachloroethene	290
1,1,1-Trichloroethane	< 9.57
1,1,2-Trichloroethane	< 9.57
Trichloroethene	14.4
Trichlorofluoromethane	< 9.57
Vinyl chloride	< 9.57

ELAP Number 10958

Method: EPA 8260B

Aromatics	Results in ug / Kg
Benzene	< 9.57
Chlorobenzene	< 9.57
Ethylbenzene	27.3
Toluene	< 9.57
m,p-Xylene	111
o-Xylene	70.4
Styrene	< 23.9
1,2-Dichlorobenzene	< 9.57
1,3-Dichlorobenzene	< 9.57
1,4-Dichlorobenzene	< 9.57

Ketones	Results in ug / Kg
Acetone	< 47.9
2-Butanone	< 47.9
2-Hexanone	< 23.9
4-Methyl-2-pentanone	< 23.9

Miscellaneous	Results in ug / Kg
Carbon disulfide	9.89
Vinyl acetate	< 23.9

Data File: V85480.D

Comments: ug / Kg = microgram per Kilogram

Surrogate outliers indicate probable matrix interference

Signature: _____

Bruce Hoogesteger, Technical Director

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112256V4.XLS

**Volatile Analysis Report for Soils/Solids/Sludges**Client: **Hazard Evaluations Inc.**

Client Job Site: Ridge Road Phase II

Lab Project Number: 11-2256

Lab Sample Number: 7547

Client Job Number: N/A

Field Location: (7,9,10 4-8' Composite)

Date Sampled: 06/03/2011

Field ID Number: N/A

Date Received: 06/07/2011

Sample Type: Soil

Date Analyzed: 06/11/2011

Halocarbons	Results in ug / Kg
Bromodichloromethane	< 16.4
Bromomethane	< 16.4
Bromoform	< 41.0
Carbon Tetrachloride	< 16.4
Chloroethane	< 16.4
Chloromethane	< 16.4
2-Chloroethyl vinyl Ether	< 81.9
Chloroform	< 16.4
Dibromochloromethane	< 16.4
1,1-Dichloroethane	< 16.4
1,2-Dichloroethane	< 16.4
1,1-Dichloroethene	< 16.4
cis-1,2-Dichloroethene	< 16.4
trans-1,2-Dichloroethene	< 16.4
1,2-Dichloropropane	< 16.4
cis-1,3-Dichloropropene	< 16.4
trans-1,3-Dichloropropene	< 16.4
Methylene chloride	< 41.0
1,1,2,2-Tetrachloroethane	< 16.4
Tetrachloroethene	72.6
1,1,1-Trichloroethane	< 16.4
1,1,2-Trichloroethane	< 16.4
Trichloroethene	< 16.4
Trichlorofluoromethane	< 16.4
Vinyl chloride	< 16.4

ELAP Number 10958

Method: EPA 8260B

Aromatics	Results in ug / Kg
Benzene	< 16.4
Chlorobenzene	< 16.4
Ethylbenzene	< 16.4
Toluene	< 16.4
m,p-Xylene	18.8
o-Xylene	< 16.4
Styrene	< 41.0
1,2-Dichlorobenzene	< 16.4
1,3-Dichlorobenzene	< 16.4
1,4-Dichlorobenzene	< 16.4

Ketones	Results in ug / Kg
Acetone	< 81.9
2-Butanone	< 81.9
2-Hexanone	< 41.0
4-Methyl-2-pentanone	< 41.0

Miscellaneous	Results in ug / Kg
Carbon disulfide	< 16.4
Vinyl acetate	< 41.0

Data File: V85481.D

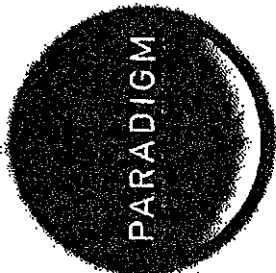
Comments: ug / Kg = microgram per Kilogram

Signature: _____

Bruce Hoogesteger: Technical Director

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112266V5.XLS



179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

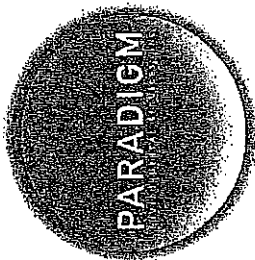
REPORT TO:		INVOICE TO:	
COMPANY: Hazard Evaluations Inc.	COMPANY: Same	LAB PROJECT #: 11-2256	CLIENT PROJECT #:
ADDRESS: 3752 N. Buffalo Rd.	ADDRESS:	TURNAROUND TIME (WORKING DAYS)	
CITY: Orchard Park	CITY:	STATE: NY	ZIP:
PHONE: (716) 667-3120	PHONE:	FAX:	
ATTN:	ATTN:	OTHER:	
PROJECT NAME/SITE NAME: Ridge Road Phase II		Quotation #	
COMMENTS:			

REQUESTED ANALYSIS										PARADIGM LAB SAMPLE NUMBER
DATE	TIME	COMPOSITE	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A I N E R S	8260 TCL	8270 STARS B/N	7C B5	
16/3/11			X	SB2(0-4')	Soil	1	X			7543
26/3/11			X	SB5(4-8')			X			7544
36/3/11			X	SB6(8-12')			X			7545
46/3/11			X	SB8(0-4')			X			7546
56/3/11		X		(1,9,10 4-8' composite)		↑	X			7547
6										
7										
8										
9										
10										

LAB USE ONLY - BELOW THIS LINE	
Sample Condition: Per NELAC/ELAP 210/241/242/243/244	
Receipt Parameter	
Container Type:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Preservation:	N/A
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Temperature:	10°Ciced
Comments:	
Comments:	
Comments:	
Comments:	
NELAC Compliance	
Total Cost:	
P.I.F.	
Sampled By: Joshua J. Kofy 6/3/11 Date/Time	
Relinquished By: [Signature] 6/6/11 Date/Time	
Received By: [Signature] 6/6/11 Date/Time	
Received @ Lab By: Elizabeth A. Honch 6/7/11 1055 Date/Time	

Adk 10F1
110608035

CHAIN OF CUSTODY



PARADIGM

REPORT TO: INVOICE TO:

COMPANY: Paradigm Environmental	COMPANY: Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY:	CITY:	STATE:	ZIP:
PHONE:	PHONE:	FAX:	
ATTN: Jane Dalcia	ATTN: Meredith Dillman	STD	OTHER
		1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5	
COMMENTS: Please email results to khansen@paradigmenv.com and jdalcia@paradigmenv.com	Date Due: 6/15/11		

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRA B	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAINER	REMARKS	PARADIGM LAB SAMPLE NUMBER
1 6/3/11				11-2256-7546	soil	1		
2 ↓				↓ 7547	↓	↓	Report as dry weight.	001
3								002
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 <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	
Preservation:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	
Holding Time:	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	
Temperature:	Y <input type="checkbox"/> N <input type="checkbox"/>	Y <input type="checkbox"/> N <input type="checkbox"/>	
Comments:	14°C		

Client	Date/Time	Total Cost:
Sampled By: Elizabeth A. Honch	6/7/11 1600	
Relinquished By:	Date/Time	
Received By: [Signature]	6/8/11 11:16 AM	
Received @ Lab By:	Date/Time	

P.I.F. ☐