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May 7, 2010

Mr. Eric Warren
Russo Development, Inc.
535 East Main Street
Springville, New York 14141

Re: Phase II Environmental Site Assessment
Limited and Focused Subsurface Soil & Investigation
300 Ohio Street
Buffalo, New York
LCS Project #10B667.22
NYSDEC Spill Number 0904777

Dear Mr. Warren:

Background
At your request, Lender Consulting Services, Inc. (LCS) documented site investigation activities and prepared a summary report to present the results of the limited and focused subsurface investigation, completed at the above-referenced subject property (See Figure 1). All test boring locations and soil sampling was completed at the direction of the New York State Department of Environmental Conservation (NYSDEC) and/or their contractors.

Site Description
The subject property was historically utilized as a gasoline and diesel filling station and petroleum distribution operation. Multiple gasoline, diesel, #2 heating oil and kerosene underground storage tanks (USTs) are currently or were historically located on the subjected property. Five inoperative pump islands are currently located west and south of the subject structure. The topography of the site is generally level at grade. The Buffalo River is located approximately 250 feet from the subject property; although, does not border the subject property. The subject property is located in a primarily industrial setting.

Introduction
The purpose of this intrusive study was to better assess the environmental quality of on-site soils in accessible locations of the subject property. Soil samples were collected for stratigraphic characterization and field monitoring. Select soil samples were submitted for laboratory analysis to supplement field observations.

The following is a summary of the methods and results of the investigation.

Methods of Investigation

Soil

Soil samples were collected on March 31 through April 2, 2010, with a track-mounted percussion and hydraulically driven drive system equipped with an approximate 2-inch diameter, approximate 48-inch long macro-core sampler. Soil samples were collected within each borehole continuously from the ground surface until a depth of between approximately eight and 16 feet below the ground surface (ft. bgs). Any downhole equipment was decontaminated with an Alconox and tap water wash and tap water rinse between boreholes. The cutting shoes were decontaminated in a similar manner between collection of each sample.

The physical characteristics of all soil samples were classified using the Unified Soil Classification System (USCS) (Visual-Manual Method) and placed in separate sealable containers to allow any vapors to accumulate in the headspace. After several minutes, the container was opened slightly and total volatile organic compound (VOC) concentrations in air within the sample container were measured using a photoionization detector (PID). (The PID is designed to detect VOCs, such as those associated with petroleum.) Based on the field observations and/or screening results, soils were selected for analysis (see below).

Sample Analysis

Following labeling of the laboratory-supplied sample containers, selected samples were placed on ice. The samples were then submitted, under standard chain-of-custody, to a New York State Department of Health (NYSDOH) approved laboratory for analysis in accordance with the United States Environmental Protection agency (USEPA) SW-846 Methods as summarized below.

The following table summarizes the specific analytical testing performed and their respective sample locations.

Sample Location	Analytical Testing Performed
BH1 (8-10 ft. bgs)	VOCs (STARS List), SVOCs (STARS List)
BH10 (0-2 ft. bgs)	
BH11 (4-8 ft. bgs)	
BH13 (4-8 ft. bgs)	
BH15 (0-2 ft. bgs)	
BH18 (0-4 ft. bgs)	
BH19 (2-4 ft. bgs)	
BH21 (6-8 ft. bgs)	
BH23 (6-8 ft. bgs)	
BH24 (2-4 ft. bgs)	
BH25 (0-4 ft. bgs)	
BH26 (8-10 ft. bgs)	
BH27 (8-10 ft. bgs)	
BH28 (6-8 ft. bgs)	
BH29 (10-12 ft. bgs)	
BH30 (8-12 ft. bgs)	
BH31 (8-10 ft. bgs)	
BH34 (6-8 ft. bgs)	
BH37 (0-4 ft. bgs)	
BH38 (6-8 ft. bgs)	
BH40 (8-10 ft. bgs)	
BH41 (4-8 ft. bgs)	
BH42 (2-4 ft. bgs)	

ft. bgs = feet below ground surface
VOCs (STARS List+ 10 TICs) = Spill Technology and Remediation Series volatile organic compounds + 10 Tentatively Identified Compounds via USEPA Test Method 8260
SVOCs (STARS List + 20 TICs) = Spill Technology and Remediation Series semi-volatile organic compounds + 20 Tentatively Identified Compound via USEPA Test Method 8270

Results of Field Investigation

Forty-one boreholes (BH1 through BH35 and BH37 through BH42) were completed in accessible areas of the subject property proximate to the environmental concerns. Test boring BH36 was not completed due to its proximity to two natural gas utility lines. (See Figure 2.) A total of 197 soil samples were collected for geologic description. Fill material consisting of asphalt, brick, gravel, clay, sand and silt was noted within all of the test borings with the exception of BH26, BH31 and BH40 through BH42 to a maximum depth of approximately eight ft. bgs. Generally, the native soils encountered consisted of varying mixtures of gravel, sand, silt and clay to the bottom of the test borings. Apparent groundwater was encountered in BH1, BH4, BH7, BH12, BH18, BH20, BH25, BH29 through BH34 and BH37 between approximately four and 12 ft. bgs. Equipment refusal was encountered within test boring BH7 at approximately eight ft. bgs. The cause of the equipment refusal could not be determined.

PID measurements were above total ambient air background VOC measurements (i.e., 0.0 parts per million, ppm) in 184 of the 197 soil samples collected. These elevated concentrations ranged from 0.1 parts per million (ppm) to 1,897 ppm (BH11, ~2-4 ft. bgs). Petroleum-type odors were detected in soil samples collected from test borings BH1, BH11, BH12, BH15, BH18, BH19, BH23 through BH29, BH31, BH37, BH38 and BH41 between approximately the ground surface and 16 ft. bgs. Petroleum-type staining was observed in soil samples collected from test borings BH38 and BH41 between approximately four and eight ft. bgs. In LCS' experience, the PID measurements and field observations (i.e., odors/staining) suggest VOC impact located west, south and east of the subject structure.

Refer to the attached subsurface logs for soil classification for each sample interval, field observations and PID measurements.

Investigation Analytical Results

The soil samples collected and analyzed detected the following analytes. The respective concentrations as well as applicable regulatory guidance values are also listed for comparison. Analytes not detected are not shown.

VOCs by USEPA SW-846 Method 8260 (STARS List)

Sample ID	BH1	BH10	BH11	BH13	BH15	BH18	BH19	BH21	BH23	BH24	BH25	TAGM Recommended Soil Cleanup Objectives
Date Sampled	3/31/10	3/31/10	3/31/10	3/31/10	4/1/10	4/1/10	4/1/10	4/1/10	4/1/10	4/1/10	4/1/10	
Sample Depth	8-10 ft. bgs	0-2 ft. bgs	4-8 ft. bgs	4-8 ft. bgs	0-2 ft. bgs	0-4 ft. bgs	2-4 ft. bgs	6-8 ft. bgs	6-8 ft. bgs	2-4 ft. bgs	0-4 ft. bgs	
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Benzene	<34	10 J	900 J	<22	<1,700	750	2,000	1,200	<41,000	<1,900	<740	80
Toluene	<34	19	<2,100	<22	<1,700	400 J	700 J	<410	<41,000	<1,900	<740	1,500
Ethylbenzene	<34	140	2,000 J	22	<1,700	960	5,300	2,200	<41,000	<1,900	<740	5,500
m,p,-Xylene	<34	68	4,900	110	<1,700	1,500	3,200	1,900	<41,000	<1,900	<740	1,200*
o-Xylene	<34	7 J	1,000 J	27	<1,700	400 J	<780	200 J	<41,000	<1,900	<740	1,200*
Isopropylbenzene	<34	92	<2,100	<22	<1,700	4,900	3,000	400 J	<41,000	<1,900	<740	2,300
n-Propylbenzene	<34	230	2,000 J	22	<1,700	3,300	2,400	300 J	<41,000	2,000 J	400 J	3,700
1,3,5-Trimethylbenzene	<34	360	3,500	69	<1,700	2,900	3,300	200 J	<41,000	900 J	<740	3,300
1,2,4-Trimethylbenzene	<34	450	12,000	240	<1,700	2,600	1,200	630	<41,000	1,000 J	700 J	10,000
sec-Butylbenzene	<34	50	<2,100	<22	<1,700	600 J	700 J	<410	<41,000	<1,900	<740	10,000
4-Isopropyltoluene	<34	51	<2,100	<22	<1,700	500 J	500 J	<410	<41,000	<1,900	<740	10,000
n-Butylbenzene	<34	130	1,000 J	<22	<1,700	1,500	1,400	<410	<41,000	1,000 J	<740	10,000
Naphthalene	<34	210	2,900	36	2,300	2,800	3,300	580	<41,000	2,100	920	13,000

VOCs by USEPA SW-846 Method 8260 (STARS List)

Sample ID	BH26	BH27	BH28	BH29	BH30	BH31	BH34	BH37	BH38	BH40	BH41	BH42	TAGM Recommended Soil Cleanup Objectives
Date Sampled	4/1/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	
Sample Depth	8-10 ft. bgs	8-10 ft. bgs	6-8 ft. bgs	10-12 ft. bgs	8-12 ft. bgs	8-10 ft. bgs	6-8 ft. bgs	0-4 ft. bgs	6-8 ft. bgs	8-10 ft. bgs	4-8 ft. bgs	2-4 ft. bgs	
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Benzene	<710	<1,800	<1,800	<36,000	<750	<770	<700	<1,700	<860	<780	<1,900	<390	80
Toluene	<710	<1,800	<1,800	<36,000	<750	<770	<700	<1,700	<860	<780	<1,900	<390	1,500
Ethylbenzene	<710	2,000 J	<1,800	<36,000	<750	<770	<700	3,700	<860	<780	<1,900	<390	5,500
m,p,-Xylene	<710	2,400	<1,800	<36,000	<750	1,300	<700	4,700	<860	<780	<1,900	<390	1,200*
o-Xylene	<710	<1,800	<1,800	<36,000	<750	<770	<700	<1,700	<860	<780	<1,900	<390	1,200*
Isopropylbenzene	<710	<1,800	<1,800	<36,000	<750	<770	<700	1,000 J	<860	<780	<1,900	<390	2,300
n-Propylbenzene	<710	2,000 J	1,000 J	<36,000	<750	<770	400 J	1,800	<860	<780	1,000 J	<390	3,700
1,3,5-Trimethylbenzene	<710	2,400	<1,800	<36,000	<750	400 J	<700	3,000	<860	<780	<1,900	<390	3,300
1,2,4-Trimethylbenzene	<710	4,600	<1,800	<36,000	<750	1,200	<700	13,000	<860	<780	1,900	<390	10,000
tert-Butyl Benzene	<710	<1,800	<1,800	<36,000	<750	<770	<700	<1,700	<860	<780	<1,900	<390	10,000
4-Isopropyltoluene	<710	<1,800	<1,800	<36,000	<750	<770	<700	<1,700	<860	<780	<1,900	<390	10,000
n-Butylbenzene	<710	<1,800	<1,800	<36,000	<750	<770	<700	<1,700	<860	<780	<1,900	<390	10,000
Naphthalene	<710	1,000 J	3,100	<36,000	<750	<770	<700	4,500	<860	<780	<1,900	1,800	13,000

ug/kg = micrograms per kilogram
ft. bgs = feet below ground surface
* = Based on the sum of the Total Xylenes.
J = Analyte detected below quantitation limits
STARS = Spill Technology and Remediation Series
TAGM Recommended Soil Cleanup Objectives = Division Technical and Administrative Guidance Memorandum (TAGM 4046): Determination of Soil Cleanup Objectives and Cleanup Levels and addendum (August, 2001)
= Analyte that is detected above the TAGM Recommended Soil Cleanup Objectives.

SVOCs by USEPA SW-846 Method 8270 (STARS list)

Sample ID	BH1	BH10	BH11	BH13	BH15	BH18	BH19	BH21	BH23	BH24	BH25	TAGM Recommended Soil Cleanup Objectives
Date Sampled	3/31/10	3/31/10	3/31/10	3/31/10	4/1/10	4/1/10	4/1/10	4/1/10	4/1/10	4/1/10	4/1/10	
Sample Depth	8-10 ft. bgs	0-2 ft. bgs	4-8 ft. bgs	4-8 ft. bgs	0-2 ft. bgs	0-4 ft. bgs	2-4 ft. bgs	6-8 ft. bgs	6-8 ft. bgs	2-4 ft. bgs	0-4 ft. bgs	
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Acenaphthene	<3,700	<40,000	<460	<4,900	<37,000	<41,000	<43,000	<450	<460	<42,000	<810	50,000*
Fluorene	<3,700	<40,000	200 J	<4,900	<37,000	<41,000	8,000 J	<450	<460	8,000 J	<810	50,000*
Phenanthrene	<3,700	<40,000	630	<4,900	10,000 J	20,000 J	30,000 J	<450	870	40,000 J	5,000	50,000*
Anthracene	<3,700	<40,000	100 J	<4,900	<37,000	<41,000	9,000 J	<450	<460	10,000 J	<810	50,000*
Fluoanthene	<3,700	<40,000	730	<4,900	5,000 J	8,000 J	40,000 J	<450	100 J	40,000 J	890	50,000*
Pyrene	<3,700	<40,000	550	<4,900	6,000 J	8,000 J	30,000 J	<450	100 J	30,000 J	860	50,000*
Benzo(a)anthracene	<3,700	<40,000	300 J	<4,900	<37,000	5,000 J	20,000 J	<450	<460	20,000 J	300 J	224 or MDL
Chrysene	<3,700	<40,000	300 J	<4,900	<37,000	6,000 J	20,000 J	<450	<460	10,000 J	300 J	400
Benzo(b)fluoranthene	<3,700	<40,000	300 J	<4,900	<37,000	<41,000	10,000 J	<450	<460	8,000 J	<810	220 or MDL
Benzo(k)fluoranthene	<3,700	4,000 J	300 J	<4,900	<37,000	7,000 J	10,000 J	<450	<460	10,000 J	<810	220 or MDL
Benzo(a)pyrene	800 J	4,000 J	200 J	<4,900	<37,000	5,000 J	20,000 J	1,900	<460	10,000 J	<810	61 or MDL
Indeno(1,2,3-cd)pyrene	<3,700	4,000 J	<460	<4,900	<37,000	<41,000	<43,000	<450	<460	<42,000	<810	3,200
Benzo(g,h,i)perylene	<3,700	5,000 J	<460	<4,900	<37,000	<41,000	10,000 J	<450	<460	<42,000	<810	50,000*

SVOCs by USEPA SW-846 Method 8270 (STARS list)

Sample ID	BH26	BH27	BH28	BH29	BH30	BH31	BH34	BH37	BH38	BH40	BH41	BH42	TAGM Recommended Soil Cleanup Objectives
Date Sampled	4/1/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	4/2/10	
Sample Depth	8-10 ft. bgs	8-10 ft. bgs	6-8 ft. bgs	10-12 ft. bgs	8-12 ft. bgs	8-10 ft. bgs	6-8 ft. bgs	0-4 ft. bgs	6-8 ft. bgs	8-10 ft. bgs	4-8 ft. bgs	2-4 ft. bgs	
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Acenaphthene	<390	<400	<3,900	<390	<410	900 J	<380	<3,600	<4,700	<4,300	<41,000	200,000 J	50,000*
Fluorene	<390	<400	<3,900	<390	<410	800 J	<380	<3,600	<4,700	<4,300	7,000 J	200,000 J	50,000*
Phenanthrene	60 J	<400	14,000	70 J	300 J	9,400	60 J	1,000 J	600 J	10,000 J	30,000 J	1,900,000	50,000*
Anthracene	<390	90 J	<3,900	<390	<410	2,000 J	70 J	<3,600	<4,700	<4,300	20,000 J	660,000	50,000*
Fluoanthene	<390	40 J	<3,900	<390	300 J	12,000	<380	700 J	3,000 J	10,000 J	91,000	2,600,000	50,000*
Pyrene	<390	<400	3,000 J	<390	200 J	10,000	<380	1,000 J	2,000 J	10,000 J	84,000	2,200,000	50,000*
Benzo(a)anthracene	<390	<400	<3,900	<390	100 J	5,400	<380	<3,600	3,000 J	<4,300	53,000	1,100,000	224 or MDL
Chrysene	<390	<400	<3,900	<390	100 J	5,100	<380	<3,600	3,000 J	<4,300	72,000	1,300,000	400
Benzo(b)fluoranthene	<390	<400	<3,900	<390	90 J	4,000 J	<380	<3,600	3,000 J	<4,300	98,000	970,000	220 or MDL
Benzo(k)fluoranthene	<390	<400	<3,900	<390	90 J	3,000 J	<380	<3,600	2,000 J	<4,300	95,000	1,900,000	220 or MDL
Benzo(a)pyrene	<390	<400	<3,900	<390	100 J	5,000	<380	<3,600	2,000 J	<4,300	120,000	1,800,000	61 or MDL
Indeno(1,2,3-cd)pyrene	<390	<400	<3,900	<390	<410	3,000 J	<380	<3,600	2,000 J	<4,300	81,000	1,000,000	3,200
Benzo(g,h,i)perylene	<390	<400	<3,900	<390	<410	4,000 J	<380	<3,600	2,000 J	<4,300	100,000	1,200,000	50,000*

ug/kg = micrograms per kilogram
ft. bgs = feet below ground surface
J = Analyte detected below quantitation limits
STARS = Spill Technology and Remediation Series
* = Total SVOCs must be ≤ 500,000ug/kg, and Individual non-carcinogenic SVOCs must be ≤ 50,000ug/kg
TAGM Recommended Soil Cleanup Objectives = Division Technical and Administrative Guidance Memorandum (TAGM 4046): Determination of Soil Cleanup Objectives and Cleanup Levels and addendum (August, 2001)
B = This analyte was also detected within the laboratory's method blank and may be the result of laboratory contamination.
= Analyte that is detected above the TAGM Recommended Soil Cleanup Objective.

Conclusions

The purpose of this intrusive study was to better assess the environmental quality of on-site soils in accessible locations of the subject property proximate to the historic pump islands and the current and historic USTs. All test boring locations and soil sampling was completed at the direction of the New York State Department of Environmental Conservation (NYSDEC) and/or their contractors.

The following table summarizes the field observations and the laboratory results.

Sample ID	Depth of Refusal	Depth of Groundwater	Highest PID Reading		Petroleum-Type Odors	Petroleum-Type Staining	Free Product	Analytes Detected Above Regulatory Criteria
	ft. bgs	ft. bgs	ppm	ft. bgs	ft. bgs	ft. bgs	ft. bgs	
BH1	None	12	1,541	8-10	8-10	None	None	Yes
BH2	None	None	1.7	0-4	None	None	None	NA
BH3	None	None	0.4	0-2	None	None	None	NA
BH4	None	8	None	None	None	None	None	NA
BH5	None	None	0.6	2-4	None	None	None	NA
BH6	None	None	3.5	0-4	None	None	None	NA
BH7	8	4	2.9	2-4	None	None	None	NA
BH8	None	None	1.8	0-4	None	None	None	NA
BH9	None	None	3.2	0-2	None	None	None	NA
BH10	None	None	35.1	0-2	None	None	None	Yes
BH11	None	None	1,897	4-8	1-11	None	None	Yes
BH12	None	8	583	8-12	3-4	None	None	NA
BH13	None	None	13.2	4-8	None	None	None	No**
BH14	None	None	1.5	8-10	None	None	None	NA
BH15	None	None	52.3	0.4-2	0-5	None	None	No**
BH16	None	None	2.7	10-12	None	None	None	NA
BH17	None	None	1.8	2-4	None	None	None	NA
BH18	None	8	527	0.4-4	3-10	None	None	Yes
BH19	None	None	923	2-4	1-10	None	None	Yes
BH20	None	9	2.8	8-10	None	None	None	NA
BH21	None	None	21.3	6-8	None	None	None	Yes
BH22	None	None	6.8	6-8	None	None	None	NA
BH23	None	None	303	6-8	3-8	None	None	NA
BH24	None	None	616	2-4	3-5.5	None	None	No**
BH25	None	8	157	0.4-4	0-10	None	None	Yes
BH26	None	None	175	8-10	8-10	None	None	No
BH27	None	None	998	8-10	2-12	None	None	Yes
BH28	None	None	523	6-8	1-8	None	None	No**
BH29	None	8	>999	10-12	8-12	None	None	No**
BH30	None	11	26	8-12	None	None	None	Yes
BH31	None	8	663	8-10	8-11	None	None	Yes
BH32	None	9	6	4-8	None	None	None	NA
BH33	None	10	3	0.4-12	None	None	None	NA
BH34	None	8	22.5	6-8	None	None	None	No
BH35	None	None	5	4-8	None	None	None	NA
BH36	*	*	*	*	*	None	*	*
BH37	None	10	>999	0.4-8, 12-16	0.4-16	None	None	Yes
BH38	None	None	>999	4-8	6-8	6-8	None	Yes
BH39	None	None	8	0-4	None	None	None	No**
BH40	None	None	27	0-4	None	None	None	No**
BH41	None	None	392	4-8	4-8	4-8	None	Yes
BH42	None	None	10	2-4	None	None	None	Yes

NA = not analyzed
* = test boring was not completed due to proximity to natural gas utility lines
** = elevated laboratory method detection limit

Based on the analytical results, analytes were detected at concentrations above TAGM Recommended Soil Cleanup Objectives in soil samples collected from west, south and east of the subject structure. Analytes were not detected at concentrations above TAGM Recommended Soil Cleanup Objectives in soil samples collected from test borings BH15, BH23, BH28, BH29 and BH40. Based on the field observations (i.e. elevated PID readings, odors, staining) analytes may be present in soil samples collected from those test borings; however, were not detected due to elevated laboratory method detection limits.

Recommendations

Contaminated soil and groundwater (if any) should be remediated in accordance with the requirements of the NYSDEC. Similarly, non compliant UST systems should be properly abandoned (i.e., closed-in-place or excavated and removed).

Thank you for allowing LCS to service your environmental needs. If you have any questions or require additional information, please do not hesitate to call our office.

Sincerely,

Adam Zebrowski
Environmental Analyst

Reviewed by:

Douglas B. Reid
Sr. VP, Environmental Services
Sr. Environmental Scientist

SITE LOCATION MAP

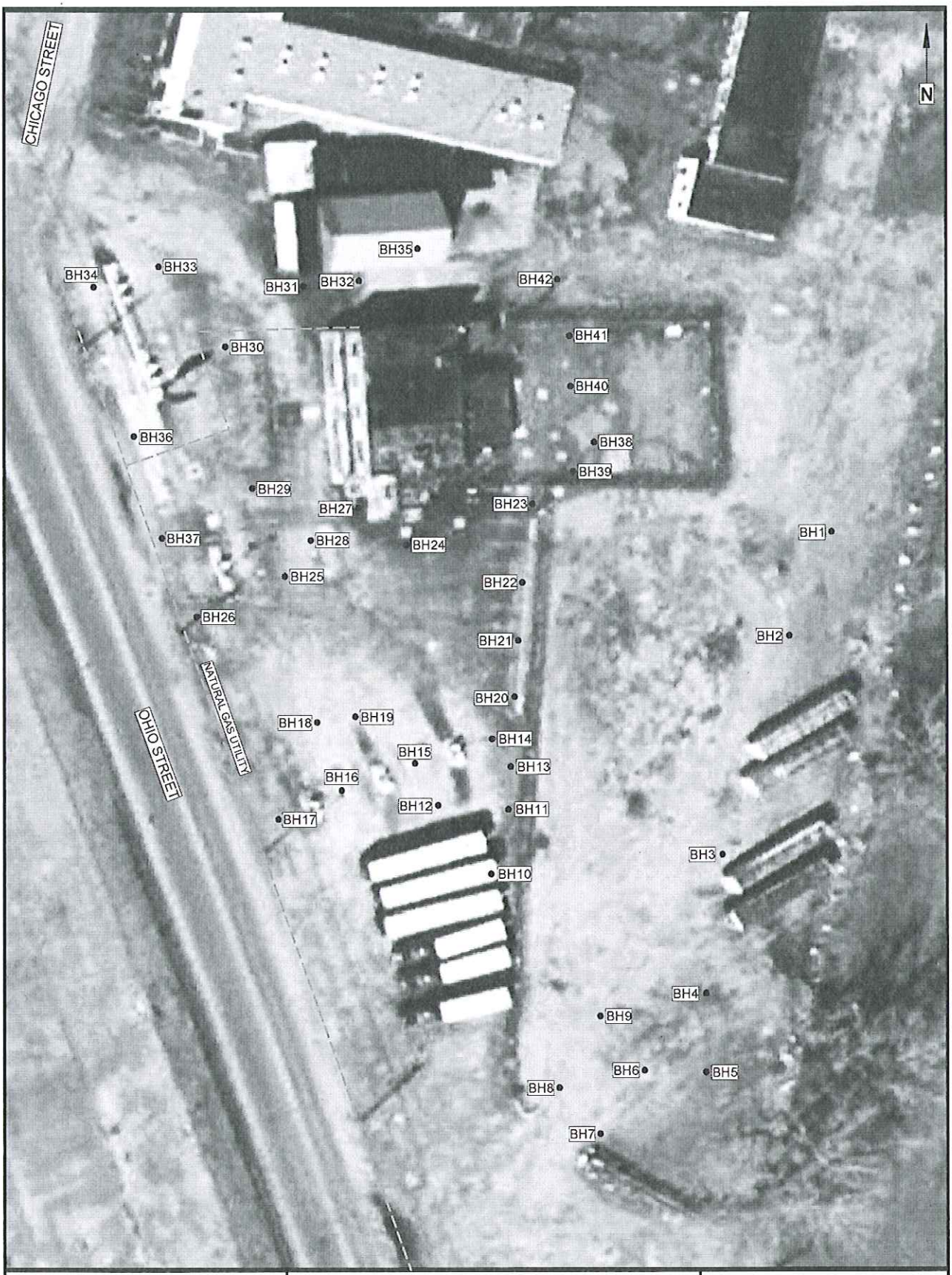
Send To Printer Back To MSR Maps Change to 11x17 Print Size Show Grid Lines Change to Landscape

USGS **Buffalo, New York, United States** 01 Jul 1995

m 200 400 600
yds 200 400 600

Image courtesy of the U.S. Geological Survey

SUBSURFACE INVESTIGATION MAP



LCS INC.

FIGURE 2 - SITE INVESTIGATION PLAN

300 OHIO STREET
BUFFALO, NEW YORK

Drawn by: AKZ

Checked by: DBR

Not to Scale

LCS Project # 10B667.22

SUBSURFACE LOGS

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH1

DATE STARTED: 3/31/2010 DATE COMPLETED: 3/31/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~12 ft. bgs AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.7	0-2	U	-	-	20	0-8ft: Blackish-gray sandy gravelly silt (low plasticity, moist)
2	0.1	2-4	U	-	-	20	8-10ft: Brown clay (high plasticity, soft, moist)
3	1.6	4-8	U	-	-	15	10-12ft: Brownish-gray sandy silt (low plasticity, moist)
4	1,541	8-10	U	-	-	24	12-14ft: Brownish-gray silty sand (fine, dense, wet)
5	51.1	10-12	U	-	-	24	14-16ft: Brown silty clay (medium plasticity, stiff, moist)
6	1.9	12-14	U	-	-	24	
7	0.6	14-16	U	-	-	24	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~8 ft. bgs

Suspect petroleum-type odors @ 8-10 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH2

DATE STARTED: 3/31/2010 DATE COMPLETED: 3/31/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: N/A AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.7	0-4	U	-	-	20	0-0.4ft: Brownish-gray gravel (coarse, angular, packed, moist)
2	0.7	4-6	U	-	-	18	0.4-4ft: Brownish-black gravelly sandy silt (low plasticity, moist)
3	0.3	6-8	U	-	-	18	4-6ft: Black sandy silt (low plasticity, moist)
4	0.3	8-10	U	-	-	15	6-10ft: Brown silty clay (medium plasticity, soft, moist)
5	0.0	10-12	U	-	-	15	10-12ft: Brownish-gray sandy silt (low plasticity, moist)

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~6 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH3

DATE STARTED: 3/31/2010 DATE COMPLETED: 3/31/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.4	0-2	U	-	-	20	0-6ft: Blackish-gray gravely silt (low plasticity, moist)
2	0.1	2-4	U	-	-	20	6-9ft: Brown clay (medium plasticity, soft, moist)
3	0.0	4-6	U	-	-	18	9-12ft: Brownish-orange silty clay (low plasticity, stiff, moist)
4	0.0	6-8	U	-	-	18	
5	0.0	8-10	U	-	-	18	
6	0.0	10-12	U	-	-	18	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~6 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH4

DATE STARTED: 3/31/2010 DATE COMPLETED: 3/31/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~8 ft. bgs AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0-2	U	-	-	20	0-0.4ft: Gray gravel (coarse, angular, packed, moist)
2	0.0	2-4	U	-	-	20	0.4-4.5ft: Black silty sand (coarse, medium, fine, dense, moist)
3	0.0	4-8	U	-	-	15	4.5-8ft: Brownish-gray silty clay (high plasticity, soft, moist)
4	0.0	8-12	U	-	-	20	8-10ft: Gray silty sand (coarse, medium, fine, dense, wet)
							10-12ft: Gray silty clay (medium plasticity, soft, moist

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH5

DATE STARTED: 3/31/2010 DATE COMPLETED: 3/31/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.4	0-2	U	-	-	20	0-0.4ft: Black silty gravel (coarse, angular, packed, moist)
2	0.6	2-4	U	-	-	20	0.4-5ft: Black sandy gravelly silt (low plasticity, moist)
3	0.3	4-6	U	-	-	20	5-12ft: Brown silty clay (high plasticity, soft, moist)
4	0.3	6-8	U	-	-	20	
5	0.2	8-10	U	-	-	20	
6	0.2	10-12	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH6

DATE STARTED: 3/31/2010 DATE COMPLETED: 3/31/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	3.5	0-4	U	-	-	18	0-1ft: Brown gravel with brick (coarse, angular, packed, moist)
2	0.3	4-6	U	-	-	21	1-5ft: Black silty sand (coarse, medium, fine, dense, moist)
3	0.1	6-8	U	-	-	21	5-10ft: Brown silty clay (high plasticity, soft, moist)
4	0.5	8-10	U	-	-	20	10-12ft: Blackish-gray sandy silt (no plasticity, moist)
5	0.3	10-12	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH7

DATE STARTED: 3/31/2010 DATE COMPLETED: 3/31/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~4 ft. bgs AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.8	0-2	U	-	-	20	0-4ft: Black sandy gravelly silt with brick (low plasticity, moist)
2	2.9	2-4	U	-	-	20	4-8ft: Black gravelly silt (low plasticity, wet)
3	0.8	4-8	U	-	-	15	Refusal @ 8 ft. bgs

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~8 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH8

DATE STARTED: 3/31/2010 DATE COMPLETED: 3/31/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.8	0-4	U	-	-	10	0-5ft: Gray gravel with brick (coarse, angular, loose, moist)
2	0.9	4-8	U	-	-	10	5-5.5ft: Black gravel (coarse, angular, loose, moist)
3	0.8	8-10	U	-	-	15	5.5-10ft: Blackish-gray clayey silt (low plasticity, moist)
4	0.9	10-12	U	-	-	15	10-12ft: Brownish-orange silty sand (fine, dense, moist)

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~5.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH9

DATE STARTED: 3/31/2010 DATE COMPLETED: 3/31/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.8	0-2	U	-	-	24	0-3ft: Black silty gravel with brick (coarse, angular, loose, moist)
2	3.2	2-4	U	-	-	24	3-4ft: Black silty gravelly sand (coarse, medium, fine, dense, moist)
3	1.4	4-6	U	-	-	16	4-12ft: Blackish-gray silty clay (high plasticity, soft, moist)
4	1.1	6-8	U	-	-	16	
5	1.2	8-10	U	-	-	24	
6	0.7	10-12	U	-	-	24	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH10

DATE STARTED: 3/31/2010 DATE COMPLETED: 3/31/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	35.1	0-2	U	-	-	15	0-3.5ft: Black sandy silt (no plasticity, moist)
2	1.2	2-4	U	-	-	15	3.5-6ft: Gray sand (coarse, medium, fine, dense, moist)
3	1.0	4-6	U	-	-	20	6-10ft: Brownish-gray silty clay (high plasticity, soft, moist)
4	1.3	6-8	U	-	-	20	10-12ft: brownish-gray silty sand (coarse, medium, fine, dense, moist)
5	0.7	8-10	U	-	-	20	
6	0.3	10-12	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~3.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH11

DATE STARTED: 3/31/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	832	0-2	U	-	-	14	0-1ft: Black silty sandy gravel with brick (fine, angular, packed, moist)
2	1,784	2-4	U	-	-	14	1-4ft: Black silty sand (fine, dense, moist)
3	1,897	4-8	U	-	-	20	4-12ft: Gray silty clay (high plasticity, soft, moist)
4	98.8	8-10	U	-	-	18	
5	41.1	10-12	U	-	-	18	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~1 ft. bgs

Suspect petroleum-type odors @ 1-11 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH12

DATE STARTED: 3/31/2010 DATE COMPLETED: 3/31/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~8 ft. bgs AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	11.1	0-4	U	-	-	15	0-3ft: Brown gravelly clayey sand (coarse, medium, fine, dense, moist)
2	-	4-8	U	-	-	-	3-4ft: Black sand (coarse, medium, fine, dense, moist)
3	583	8-12	U	-	-	20	4-8ft: No recovery
4	3.0	12-16	U	-	-	10	8-16ft: Black sandy silt (low plasticity, wet)

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~3 ft. bgs

Suspect petroleum-type odors @ 3-4 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH13

DATE STARTED: 3/31/2010 DATE COMPLETED: 3/31/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 45°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	3.2	0.4-2	U	-	-	15	0-0.4ft: Asphalt
2	2.6	2-4	U	-	-	20	0.4-1ft: Black gravelly silt (no plasticity, moist)
3	13.2	4-8	U	-	-	20	1-3ft: Black sand (coarse, medium, fine, dense, moist)
4	2.6	8-12	U	-	-	10	3-12ft: Brownish-gray clay (high plasticity, stiff, moist)

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~1 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH14

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/1/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.0	0.4-2	U	-	-	16	0-0.4ft: Asphalt
2	0.4	2-4	U	-	-	16	0.4-1ft: Gray gravel (coarse, angular, packed, moist)
3	0.0	4-6	U	-	-	15	1-5ft: Black clayey silt (low plasticity, moist)
4	0.0	6-8	U	-	-	15	5-10ft: Gray clayey sand (fine, dense, moist)
5	1.5	8-10	U	-	-	15	10-12ft: Gray sandy clay (fine, dense, moist)
6	0.0	10-12	U	-	-	15	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~1 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH15

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/1/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	52.3	0.4-2	U	-	-	15	0-0.4ft: Asphalt
2	44.2	2-4	U	-	-	15	0.4-4.5ft: Black silty sand (fine, dense, moist)
3	3.4	4-6	U	-	-	12	4.5-8.6ft: Brownish-gray clayey silt (low plasticity, moist)
4	2.1	6-8	U	-	-	12	8.5-12ft: Brownish-gray silty clay (high plasticity, soft, moist)
5	0.5	8-10	U	-	-	20	
6	0.4	10-12	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.4 ft. bgs

Suspect petroleum-type odors @ 0-5 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH16

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/1/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.9	0.4-4	U	-	-	20	0-0.4ft: Asphalt
2	2.1	4-6	U	-	-	15	0.4-4ft: Brownish-gray gravelly sandy clay (low plasticity, stiff, moist)
3	1.8	6-8	U	-	-	15	4-11ft: Brownish-black silty clay (high plasticity, stiff, moist)
4	2.3	8-10	U	-	-	15	11-12ft: Brownish-gray silty sand (fine, dense, moist)
5	2.7	10-12	U	-	-	15	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.4 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH17

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/1/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.2	0.4-2	U	-	-	15	0-0.4ft: Asphalt
2	1.8	2-4	U	-	-	15	0.4-8ft: Gray silt (low plasticity, moist)
3	0.3	4-8	U	-	-	18	8-12ft: Brown silty sand (fine, dense, moist)
4	0.3	8-10	U	-	-	20	
5	0.2	10-12	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.4 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH18

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/1/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~8 ft. bgs AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	527	0.4-4	U	-	-	18	0-0.4ft: Asphalt
2	451	4-6	U	-	-	16	0.4-5ft: Black sandy gravel (fine, angular, loose, moist)
3	4.2	6-8	U	-	-	16	5-8ft: Brownish-gray silty clay (medium dense, stiff, moist)
4	17.2	8-12	U	-	-	20	8-10ft: Brownish-gray silty clay (medium dense, stiff, wet)
							10-12ft: Brown silty sand (fine, dense, moist)

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~5 ft. bgs

Suspect petroleum-type odors @ 3-10 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH19

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/1/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	60.9	0.4-2	U	-	-	18	0-0.4ft: Asphalt
2	923	2-4	U	-	-	18	0.4-5.5ft: Black sandy gravelly silt (no plasticity, moist)
3	845	4-6	U	-	-	12	5.5-12ft: Brownish-gray silty clay (medium plasticity, soft, moist)
4	229	6-8	U	-	-	12	
5	51.3	8-10	U	-	-	20	
6	22.9	10-12	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~5.5 ft. bgs

Suspect petroleum-type odors @ 1-10 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH20

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/1/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~9 ft. bgs AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.0	0.4-2	U	-	-	20	0-0.4ft: Asphalt
2	1.4	2-4	U	-	-	20	0.4-2ft: Gray silty gravel (coarse, angular, packed, moist)
3	2.0	4-8	U	-	-	20	2-3ft: Brown silty sand (fine, dense, moist)
4	2.8	8-10	U	-	-	22	3-6ft: Black silty sand (fine, dense, moist)
5	2.0	10-12	U	-	-	22	6-9ft: Grayish-brown silty sand (fine, dense, moist)
							9-12ft: Brownish-gray silty sand (fine, dense, wet)

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~2 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH21

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/1/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.4	0.4-4	U	-	-	20	0-0.4ft: Asphalt
2	7.1	4-6	U	-	-	16	0.4-2ft: Black silty gravel (coarse, angular, loose, most)
3	21.3	6-8	U	-	-	16	2-12ft: Brownish-gray silty clay (high plasticity, soft, moist)
4	18.7	810	U	-	-	16	
5	5.2	10-12	U	-	-	16	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~2 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH22

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/12010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.7	0.4-4	U	-	-	20	0-0.4ft: Asphalt
2	4.5	4-6	U	-	-	24	0.4-1ft: Brown gravelly sandy silt (no plasticity, moist)
3	6.8	6-8	U	-	-	24	1-5.5ft: Black gravelly sandy silt (no plasticity, moist)
4	3.9	8-10	U	-	-	20	5.5-12ft: Brownish-gray sandy silty clay (high plasticity, soft, most)
5	2.7	10-12	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~1 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH23

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/1/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.1	0.4-2	U	-	-	16	0-0.4ft: Asphalt
2	50.7	2-4	U	-	-	16	0.4-8ft: Black gravelly sand (fine, dense, moist)
3	168	4-6	U	-	-	20	8-12ft: Gray silty clay (high plasticity, soft, moist)
4	303	6-8	U	-	-	20	
5	13.5	8-10	U	-	-	22	
6	14.0	10-12	U	-	-	22	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~8 ft. bgs

Suspect petroleum-type odors @ 3-8 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH24

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/1/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	241	0.4-2	U	-	-	20	0-0.4ft: Asphalt
2	616	2-4	U	-	-	20	0.4-5ft: Black gravelly silty sand (fine, dense, most)
3	462	4-6	U	-	-	18	5-8ft: Brown silty clayey sand (fine, dense, moist)
4	27.7	6-8	U	-	-	28	8-12ft: Brownish-gray silty sandy clay (high plasticity, soft, moist)
5	15.7	8-10	U	-	-	18	
6	15.4	10-12	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~5 ft. bgs

Suspect petroleum-type odors @ 3-5.5 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH25

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/1/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~8 ft. bgs AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	157	0.4-4	U	-	-	6	0-0.4ft: Asphalt
2	21.7	4-8	U	-	-	18	0.4-4ft: Black silty gravel (coarse, angular, loose, moist)
3	98.4	8-10	U	-	-	24	4-8ft: Gray silty clay (high plasticity, soft, moist)
4	16.8	10-12	U	-	-	24	8-12ft: Brownish-gray sandy silt (no plasticity, wet)

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4 ft. bgs

Suspect petroleum-type odors @ 0-10 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH26

DATE STARTED: 4/1/2010 DATE COMPLETED: 4/1/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 51°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	-	0-4	U	-	-	0	0-4ft: No recovery
2	102	4-8	U	-	-	15	4-12ft: Gray silty clay (medium plasticity, stiff, moist)
3	175	8-10	U	-	-	17	
4	32.1	10-12	U	-	-	16	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

No apparent fill encountered

Suspect petroleum-type odors @ 8-10 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH27

DATE STARTED: 4/2/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 65°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.9	0.4-2	U	-	-	17	0-0.4ft: Asphalt
2	25.1	2-4	U	-	-	17	0.4-1ft: Gray silty gravel (coarse, angular, loose, moist)
3	42.0	4-6	U	-	-	15	1-7ft: Brownish-black silty sand (fine, dense, moist)
4	961	6-8	U	-	-	15	7-9ft: Brownish-gray silty clay (high plasticity, stiff, moist)
5	998	8-10	U	-	-	20	9-12ft: Gray sandy silt (low plasticity, moist)
6	6.0	10-12	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~1 ft. bgs

Suspect petroleum-type odors @ 2-12 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH28

DATE STARTED: 4/2/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 65°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	57	0.4-2	U	-	-	17	0-0.4ft: Asphalt
2	268	2-4	U	-	-	17	0.4-1ft: Gray silty gravel (coarse, angular, loose, moist)
3	445	4-6	U	-	-	20	1-12ft: Black silty sandy clay (high plasticity, medium stiff, moist)
4	523	6-8	U	-	-	20	
5	138	8-10	U	-	-	20	
6	5	10-12	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~1 ft. bgs

Suspect petroleum-type odors @ 1-8 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH29

DATE STARTED: 4/2/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~8 ft. bgs AFTER COMPLETION: NA

WEATHER: 65°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	25	0.4-4	U	-	-	20	0-0.4ft: Asphalt
2	-	4-8	U	-	-	0	0.4-1ft: Gray silty gravel (coarse, angular, loose, moist)
3	12	8-10	U	-	-	15	1-4ft: Black gravelly silty sand (fine, dense, moist)
4	>999	10-12	U	-	-	15	4-8ft: No recovery
5	7	12-14	U	-	-	20	8-12ft: Black silty sand (fine, dense, wet)
6	8	14-16	U	-	-	20	12-16ft: Brownish-red clay (high plasticity, stiff, moist)

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4 ft. bgs

Suspect petroleum-type odors @ 8-12 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH30

DATE STARTED: 4/2/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~11 ft. bgs AFTER COMPLETION: NA

WEATHER: 65°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	3	0.4-2	U	-	-	18	0-0.4ft: Asphalt
2	3	2-4	U	-	-	18	0.4-4.5ft: Brownish-gray silty sand (coarse, medium, fine, dense, moist)
3	3	4-6	U	-	-	16	4.5-11ft: Gray silty clay (high plasticity, soft, moist)
4	8	6-8	U	-	-	16	11-12ft: Brown silty sand (coarse, medium, fine, loose, wet)
5	26	8-12	U	-	-	18	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.4 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York | PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. | BORING/WELL No. BH31

DATE STARTED: 4/2/2010 | DATE COMPLETED: 4/2/2010 | RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~8 ft. bgs | AFTER COMPLETION: NA

WEATHER: 65°F, Sunny | DRILL RIG: Geoprobe | DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core | SAMPLE HAMMER: WEIGHT NA | FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	-	0-8	U	-	-	0	0-8ft: No recovery
2	663	8-10	U	-	-	12	8-10ft: Black silty sand (coarse, medium, fine, dense, wet)
3	310	10-12	U	-	-	12	10-12ft: Brown silty sand (coarse, medium, fine, dense, wet)

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

No apparent fill encountered

Suspect petroleum-type odors @ 8-11 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH32

DATE STARTED: 4/2/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~9 ft. bgs AFTER COMPLETION: NA

WEATHER: 65°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	5	0.4-2	U	-	-	15	0-0.4ft: Asphalt
2	5	2-4	U	-	-	15	0.4-1ft: Black gravelly silty sand (fine, dense, moist)
3	6	4-8	U	-	-	10	4-9ft: Brown silty sand (fine, dense, moist)
4	3	8-10	U	-	-	17	9-12ft: Brown silty sand (fine, dense, wet)
5	4	10-12	U	-	-	17	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH33

DATE STARTED: 4/2/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~10 ft. bgs AFTER COMPLETION: NA

WEATHER: 65°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	3	0.4-2	U	-	-	16	0-0.4ft: Asphalt
2	3	2-4	U	-	-	16	0.4-2ft: Black silty sandy gravel (coarse, angular, loose, moist)
3	3	4-6	U	-	-	17	2-6ft: Brownish-gray clayey silty sand (coarse, medium, fine, dense, moist)
4	3	6-8	U	-	-	17	6-8ft: Brownish-gray silty sandy clay (low plasticity, stiff, moist)
5	3	8-10	U	-	-	17	8-10ft: Black sandy silt (low plasticity, wet)
6	3	10-12	U	-	-	17	10-12ft: Brownish-gray sandy silt (low plasticity, wet)

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~2 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York | PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. | BORING/WELL No. BH34

DATE STARTED: 4/2/2010 | DATE COMPLETED: 4/2/2010 | RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~8 ft. bgs | AFTER COMPLETION: NA

WEATHER: 65°F, Sunny | DRILL RIG: Geoprobe | DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core | SAMPLE HAMMER: WEIGHT NA | FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	3	0.4-2	U	-	-	15	0-0.4ft: Asphalt
2	3	2-4	U	-	-	15	0.4-8ft: Black silty clay (low plasticity, soft, moist)
3	6	4-6	U	-	-	15	8-10ft: Black silty sand (fine, dense, wet)
4	22.5	6-8	U	-	-	15	10-12ft: Red clay (high plasticity, stiff, wet)
5	12	8-10	U	-	-	20	
6	5	10-12	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH35

DATE STARTED: 4/2/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 65°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	3	0.4-4	U	-	-	20	0-0.4ft: Asphalt
2	5	4-8	U	-	-	15	0.4-5ft: Black silty gravel (coarse, angular, loose, moist)
3	4	8-10	U	-	-	12	5-8ft: Brown silty clay (high plasticity, soft, moist)
4	3	10-12	U	-	-	12	8-10ft: Blackish-gray clayey silt (low plasticity, moist)
							10-12ft: Brown sand (fine, dense, moist)

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH36

DATE STARTED: 4/2/1010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 65°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
							Did not complete due to close proximity of natural gas utility

NOTES NA = Not Applicable

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH37

DATE STARTED: 3/31/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: ~10 ft. bgs AFTER COMPLETION: NA

WEATHER: 65°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	>999	0.4-4	U	-	-	20	0-0.4ft: Asphalt
2	>999	4-6	U	-	-	17	0.4-4ft: Black silty gravel (coarse, angular, loose, moist)
3	>999	6-8	U	-	-	17	4-10ft: Blackish-green silty clay (low plasticity, medium stiff, dry)
4	-	8-12	U	-	-	0	10-16ft: Black sandy gravel (coarse, angular, loose, wet)
5	>999	12-16	U	-	-	4	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4 ft. bgs

Suspect petroleum-type odors @ 0.4-16 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH38

DATE STARTED: 4/2/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 65°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	6	0-2	U	-	-	13	0-3ft: Brownish-gray sandy silty gravel (coarse, angular, loose, moist)
2	6	2-4	U	-	-	13	3-12ft: Black silty clay (high plasticity, soft moist)
3	>999	4-6	U	-	-	16	
4	>999	6-8	U	-	-	16	
5	8	8-12	U	-	-	12	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~3 ft. bgs

Suspect petroleum-type odors @ 6-8 ft. bgs

Suspect petroleum-type staining @ 6-8 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH39

DATE STARTED: 4/2/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 65°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	8	0-4	U	-	-	15	0-8ft: Gravely silt (low plasticity, moist)
2	3	4-8	U	-	-	10	8-12ft: No recovery
3	-	8-12	U	-	-	0	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~8 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH40

DATE STARTED: 4/2/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 65°F, Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	27	0-4	U	-	-	10	0-10ft: Black gravelly silty clay (low plasticity, soft, moist)
2	4	4-8	U	-	-	10	10-12ft: Brownish-gray silty clay (low plasticity, soft, moist)
3	23	8-10	U	-	-	13	
4	6	10-12	U	-	-	13	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

No apparent fill encountered

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. BORING/WELL No. BH41

DATE STARTED: 4/2/2010 DATE COMPLETED: 4/2/2010 RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: 45° Sunny DRILL RIG: Geoprobe DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	-	0-4	U	-	-	0	0-4ft: No recovery
2	392	4-8	U	-	-	10	4-8ft: Black sandy silt (low plasticity, moist)
3	5	8-12	U	-	-	16	8-12ft: Brownish-gray silty clay (high plasticity, soft, moist)

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

No apparent fill encountered

Suspect petroleum-type odors @ 4-8 ft. bgs

Suspect petroleum-type staining @ 4-8 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C – CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 300 Ohio Street, Buffalo, New York | PROJECT No. 10B667.22

CLIENT: Russo Development, Inc. | BORING/WELL No. BH42

DATE STARTED: 3/31/2010 | DATE COMPLETED: 4/2/2010 | RECORDED BY: AZ

GROUNDWATER DEPTH WHILE DRILLING: NA | AFTER COMPLETION: NA

WEATHER: 65°F, Sunny | DRILL RIG: Geoprobe | DRILLER: Russo Development, Inc.

DRILL SIZE/TYPE: Macro-core | SAMPLE HAMMER: WEIGHT NA | FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	5	0-2	U	-	-	15	0-8ft: Black silty gravel with brick (coarse, angular, packed, moist)
2	10	2-4	U	-	-	15	8-12ft: Brownish-gray silty clayey sand (fine, dense, moist)
3	4	4-8	U	-	-	8	
4	2	8-10	U	-	-	20	
5	2	10-12	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

No apparent fill encountered

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE