EcolSciences, Inc.
Environmental Management & Regulatory Compliance

April 27, 2011

VIA EMAIL AND US MAIL

Mr. Javier Perez-Maldonado, Project Manager
Division of Environmental Remediation, Remedial Bureau B
New York State Department of Environmental Conservation
625 Broadway – 12th Floor
Albany, NY 12233-7016

Re: Remedial Investigation/Feasibility Study Workplan
Addendum 1 – Vapor Intrusion Sampling Workplan Revision 2
Former W.L.K. Corporation Inactive Hazardous Waste Disposal Site
58-30 57th Street, Maspeth – Queens County, NY
Registry No. 241097

Dear Mr. Perez-Maldonado:

On September 22, 2010, a hard copy of the approved *Remedial Investigation/Feasibility Study (RI/FS) Workplan* was submitted to the New York Department of Environmental Conservation (NYSDEC) pursuant to the Order on Consent (Order) for the above-referenced Site. As outlined in Section 3.2.3 of the RI/FS Workplan, additional on-Site and off-site investigations were to be proposed to comply with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). An electronic copy of Addendum 1 to the RI/FS Workplan, containing details regarding the sampling of indoor air and sub-slab soil gas at the subject Site and its downgradient neighbor, Norampac, was submitted to NYSDEC on February 4, 2011. Based on comments received on February 18, 2011, EcolSciences submitted Revision 1 to Addendum 1 on March 2, 2011 (electronic format only). Additional comments from our teleconference on April 21, 2011, are reflected in the attached revision. Accordingly, EcolSciences respectfully submits a hard copy of Revision 2 to the *Remedial Investigation/Feasibility Study Workplan - Addendum 1 – Vapor Intrusion Sampling Workplan* for NJDEP approval.

1.0 SCHEDULE

Based on the schedule included in the RI/FS Workplan (Table 8), the sampling is to be conducted during the next heating season, beginning November 15, 2011 and ending March 30, 2012.

2.0 CITIZEN PARTICIPATION PLAN

In accordance with 6 N.Y.C.R.R. Part 375, Ruby Realty prepared a Citizen Participation Plan (CPP) to fulfill the citizen participation requirements. On September 22, 2010, a copy of the approved RI/FS Workplan was placed in the Document Repository at:

Queens Library - Maspeth Branch
69-70 Grand Avenue
Maspeth, NY 11378
(718) 639-5228

Upon approval of this Addendum a hard copy will be placed in the Document Repository.

Should have any questions, please contact me at (973) 366-9500 or at mraser@ecolsciences.com.

Sincerely
EcolSciences, Inc.

Marie C. Raser, P.E.
Assistant Vice President

Cc: Chris Doroski – NYSDEC DOH
Dolores A. Tuohy, Esq. – NYSDEC
Mark A. Chertok, Esq. – Sive, Paget & Riesel, P.C.
Walter Lieb - Ruby Realty Company
Frank J. Ardizzone – Delta Corrugated
King Moy, P.E. - EcolSciences, Inc. (*without enclosure*)

ATTACHMENT: Remedial Investigation/Feasibility Study Workplan
Addendum 1 – Revision 1
Vapor Intrusion Sampling Workplan
Former W.L.K. Corp.
Inactive Hazardous Waste Disposal Site
58-30 57th Street – Maspeth, NY
Registry No. 241097
April 27, 2011

ATTACHMENT

Remedial Investigation/Feasibility Study Workplan
Addendum 1 – Revision 2
Vapor Intrusion Sampling Workplan

EcolSciences, Inc.
Environmental Management & Regulatory Compliance

REMEDIAL INVESTIGATION
FEASIBILITY STUDY WORKPLAN
ADDENDUM 1 – REVISION 2
VAPOR INTRUSION SAMPLING WORKPLAN
Former W.L.K. Corp.
Inactive Hazardous Waste Disposal Site
58-30 57th Street – Maspeth, NY
Registry No. 241097

Submitted To:
Division of Environmental Remediation,
Remedial Bureau B
New York State Department of Environmental Conservation
625 Broadway – 12th Floor
Albany, NY 12233-7016
Attention: Mr. Javier Perez-Maldonado, Project Manager

Prepared for:
Ruby Realty Company

Prepared by:
EcolSciences, Inc.
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April 27, 2011

REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORKPLAN

ADDENDUM 1 – REVISION 2
VAPOR INTRUSION SAMPLING WORKPLAN
April 27, 2011
Former W.L.K. Corp.
Inactive Hazardous Waste Disposal Site
Registry No. 241097
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Inactive Hazardous Waste Disposal Site
Registry No. 241097

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VAPOR INTRUSION WORKPLAN
April 27, 2011
Former W.L.K. Corp.
Inactive Hazardous Waste Disposal Site
Registry No. 241097

1.0 INTRODUCTION

EcolSciences, Inc. (EcolSciences) was retained by Ruby Realty Company (Ruby Realty) to prepare a Remedial Investigation/Feasibility Study (RI/FS) Workplan for the Former W.L.K. Corp. Inactive Hazardous Waste Disposal Site located at 58-30 57th Street in Maspeth, Queens County, New York, Block 2610, Lots 412 and 410 ("Site"). The Site is listed under Registry Number 241097 under the New York State Department of Environmental Conservation (NYSDEC) State Superfund Program, Classification 02. The RI/FS Workplan was approved by NYSDEC on September 15, 2010. The purpose of this addendum is to provide details regarding the sampling of indoor air and sub-slab soil gas at the subject Site and its downgradient neighbor, Norampac.

2.0 INDOOR AIR QUALITY EVALUATION – 2009

Based on the concentration of volatile organic compounds (VOCs) in the subsurface at and in the vicinity of the on-Site building, and the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006), indoor air quality was evaluated in the on-Site buildings in August 2009. Eight samples were collected from both inside and outside the building. The following is a summary of the results of the evaluation. See Table 5 and Figure 3 in the RI/FS Workplan (also attached here) for complete results.

The two background samples (AS-1 and AS-2) were collected from outdoor locations to the north/northwest of the on-Site building. VOCs were detected in the samples at levels below NYSDOH Guidance Values; TCE was not detected in either sample.

The two samples in the warehouse portion of the northernmost building (AS-3 and AS-4), are located in closest proximity to the highest subsurface chlorinated VO contamination. TCE was identified in these air samples at 13 and 4 ug/m^3, respectively. The TCE concentration of 13 ug/m^3 is above the NYSDOH Guidance Value of 5 ug/m^3.

Two samples in the office portion of the building immediately adjacent to the northernmost warehouse building (AS-5 and AS-6) identified no exceedances of NYSDOH Guidance Values.

Two samples in the Manufacturers Corrugated Box Company office portion of the southern most building (AS-7 and AS-8) identified VOCs in the samples at levels below NYSDOH Guidance Values; TCE was not detectable in either sample.

3.0 SUB-SLAB SOIL VAPOR AND INDOOR AIR EVALUATIONS

The 2009 RI work included preliminary soil vapor intrusion investigation in the form of indoor air sampling of the on-Site building. A single sample in the warehouse portion of the northernmost building (AS-3) identified TCE at 13 ug/m^3, which is above the NYSDOH Guidance Value of 5 ug/m^3. Additional on-Site and off-site investigations are proposed here to comply with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006).

The scope of this sub-slab soil vapor and indoor air evaluation will include indoor and outdoor background samples during the heating season, as soil vapor intrusion is more likely to occur when the building's heating system is in operation and doors and windows are closed. As per the DOH Vapor Guidance, the heating season in New York is generally from November 15 to March 31. All methods/approaches will be consistent with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006) and NYSDOH Indoor Air Sampling & Analysis Guidance (February 2005). For indoor and ambient air sampling analysis, TO+15 is to be run with a low-level target Reporting Limit (RL) of 1.0 ug/m3 or less for all compounds with the exception of TCE and carbon tetrachloride, which will be run with a low level target RL of 0.25 ug/m3. Reporting Limits and Method Detection Limits for sub-slab soil vapor sampling are attached as Tables 9A and 9B.

3.1 Sample Locations

Sub-slab soil vapor and indoor air samples will be collected on both the subject Site and on the neighboring Norampac Property. In order to comply with NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006), sub slab and indoor air samples will be taken concurrently.

Seven (8) Sub-slab soil vapor and indoor air sample pairs (16 samples) will be collected in the locations shown on the attached Figure 8. Locations have been chosen to represent indoor spaces in and around the source area as well as upgradient and downgradient

locations.

Sub-slab soil vapor samples will be collected from the area immediately below the basement slab or slab-on-grade.

Sub-slab soil vapor samples will be collected in at least one central location away from foundation footings.

One sample pair will be located in the Norampac office space.

A single representative outdoor air sample (without corresponding sub-slab soil vapor sample) will be collected from an upwind location, away from wind obstructions (e.g., trees or bushes), and at a height above the ground to represent breathing zones (3 to 5 feet).

3.2 Sample Numbering

Air samples and Soil vapor samples will be noted with the prefix "AS" as with the 2009 samples, beginning with AS sample 9 (as 8 samples were taken as part of the 2009 investigation). Each sample will end with I for indoor air, S for sub-slab, or O for outdoor. AS-9O will be the first air sample, collected outdoors, as part of this proposed investigation. Sample pairs AS-10S/I and AS-11I/S will be collected indoors at the subject Site. Sample pairs AS-12I/S through AS-17S/I will be collected indoors at the Norampac Site (Attached Figure 8).

3.3 Sample Methodology

3.3.1. Pre Sampling Inspection and Building Preparation

A pre-sampling inspection will be performed prior to each sampling event to identify conditions that may affect or interfere with the proposed testing. The inspection will evaluate the type of structure, floor layout, physical conditions, and airflows of the buildings being studied. The inspection information will be recorded on the Indoor Air Quality Questionnaire and Building Inventory Form (NYSDOH Indoor Air Sampling and Analysis Guidance). In addition, potential sources of chemicals of concern will be evaluated within the building by conducting a product inventory. The primary objective of the product inventory is to identify potential air sampling interference by characterizing the occurrence and use of chemicals and products throughout the building, keeping in mind the goal of the investigation and site specific contaminants of concern (CVOC's).

Unnecessary building ventilation will be avoided within the 24 hours prior to and during

testing. Heating systems should be operating under normal occupied conditions for at least 24 hours prior to and during the scheduled sampling time.

3.3.2. Sample Collection

In order to comply with NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006), sub slab and indoor air samples will be taken concurrently.

To obtain representative samples and to minimize possible discrepancies, soil vapor samples will be collected in the following manner at all locations:

- At least 24 hours after the installation of permanent probes and shortly after the installation of temporary probes, one to three implant volumes (i.e., the volume of the sample probe and tube) should be purged prior to collecting the samples;
- Sample flow rates will be consistent for indoor air, outdoor air, and sub-slab samples;
- Flow rates for both purging and collecting not to exceed 0.2 liters per minute to minimize outdoor air infiltration during sampling;
- Samples will be collected, using conventional sampling methods, in an appropriate container consistent with the sampling and analytical methods (e.g., low flow rate; Summa® canisters if analyzing by using EPA Method TO-15), and certified clean by the laboratory.

Sub-slab vapor probe installations will be made in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006).

Indoor air samples will be collected in the following manner at all locations:

- Sampling duration will reflect the exposure scenario being evaluated without compromising the detection limit or sample collection flow rate (e.g., an 8 hour sample from a workplace with a single shift versus a 24 hour sample from a workplace with multiple shifts);
- Personnel will avoid lingering in the immediate area of the sampling device while samples are being collected;
- Sample flow rates will conform to the specifications in the sample collection method and, if possible, should be consistent with the flow rates for concurrent outdoor air and sub-slab samples; and
- Samples will be collected, using conventional sampling methods, in an appropriate container consistent with the sampling and analytical methods (e.g., low flow rate; Summa® canisters if analyzing by using EPA Method TO-15), and certified clean by the laboratory.

Outdoor air samples will collected simultaneously with indoor air samples and soil vapor samples. To obtain representative samples, outdoor air samples will be collected in a manner

consistent with that for indoor air samples.

3.3.3. Recordkeeping During Sampling Events

The following actions will be taken to document conditions during sampling and ultimately to aid in the interpretation of the sampling results:

- Historic and current storage and uses of volatile chemicals will be identified;
- The use of heating systems during sampling will be noted;
- The location of the samples will be noted on a floor plan of the building with locations of any chemical storage areas, garages, doorways, stairways, sumps or subsurface drains and utility perforations through building foundations, HVAC system air supply and return registers noted as well;
- Weather conditions (e.g., precipitation and indoor and outdoor temperature) and ventilation conditions (e.g., heating system active and windows closed) will be noted; and
- Any observations, such as spills, floor stains, odors and field instrumentation readings will be noted.

In accordance with NYSDOH Guidance, the field sampling team will maintain a logbook tracking the following information:

- Sample identification,
- Date and time of sample collection,
- Sampling depth,
- Identity of samplers,
- Sampling methods and devices,
- Soil vapor purge volumes,
- Volume of soil vapor extracted,
- Vacuum of canisters before and after samples collected,
- Apparent moisture content (dry, moist, saturated, etc.) of the sampling zone, and
- Chain of custody.

3.4 Sample Analysis

All samples will be transported to Accutest Laboratories of Dayton, NJ (NELAP Registration Number 12129), and analyzed for volatile organics using EPA Method TO-15.

3.4.1. Reporting Limits

For indoor and ambient air sampling analysis, TO+15 is to be run with a low-level target Reporting Limit (RL) of 1.0 ug/m3 or less for all compounds with the exception of TCE and carbon tetrachloride, which will be run with a low level target RL of 0.25 ug/m3. Reporting Limits and Method Detection Limits for sub-slab soil vapor sampling are attached as Tables 9A and 9B.

3.4.2. Data Reporting and Additional Sampling

All laboratory data results will be forwarded to NYSDEC for review as part of the RI/FS Report. Based on these results, NYSDEC may recommend further sampling to further evaluate the potential for soil vapor intrusion.

4.0 WASTE MANAGEMENT

Waste generated from the installation of sample points for sub-slab soil gas will be backfilled at the location from where they were derived, unless the material is grossly contaminated. Grossly contaminated soils will be placed into 55-gallon DOT-approved drums. Plastic sheeting and grossly contaminated PPE will be consolidated into DOT approved drums. Drums will be properly labeled and staged in a secure area on site. All investigation-derived waste will be characterized and disposed of in accordance with applicable requirements.

5.0 QA/QC AND HEALTH AND SAFETY CONTROL PROTOCOLS

The quality assurance/quality control protocols and the health and safety protocols for this Addendum are provided in Attachments C and D to the September 2010 RI/FS Workplan, respectively.

6.0 SCHEDULE AND REPORTING

The estimated schedule was presented as Table 8 in the September 2010 RI/FS Workplan. As per the Order on Consent, Progress Reports will be submitted to the NYSDEC on a monthly basis. Progress Reports will describe the status of the on-going activities and identify any anticipated scheduling or investigatory changes. Upon completion of the investigations, all soil gas and indoor air laboratory data will be submitted to NYSDEC as part of the RI/FS Report. The RI/FS report will follow the outline as per DER-10.

7.0 CITIZEN PARTICIPATION ACTIVITIES

In accordance with 6 N.Y.C.R.R. Part 375, Ruby Realty prepared a Citizen Participation Plan (CPP) to fulfill the citizen participation requirements. On September 22, 2010, a copy of the approved RI/FS Workplan was placed in the Document Repository at:

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TABLES

EcolSciences, Inc.
Environmental Management & Regulatory Compliance

TABLE 5
2009 INDOOR AIR SAMPLING RESULTS - VOLATILE ORGANICS
58 - 30 57TH Street Site - Maspeth, NY

		Outdoor - Background				Indoor Feldman Lumber Warehouse				Indoor Feldman Lumber Office				Indoor Ruby Realty Office			
Sample ID	**NY State**	**AS-1**			**AS-2**			**AS-3**			**AS-4**			**AS-5**			**AS-6**			**AS-7**			**AS-8**		
Lab Sample No.	**DOH**	**JA26195-1**			**JA26195-2**			**JA26195-3**			**JA26195-4**			**JA26195-5**			**JA26195-6**			**JA26195-7**			**JA26195-8**		
Sampling Date	**Air**	**8/21/2009**			**8/21/2009**			**8/21/2009**			**8/21/2009**			**8/21/2009**			**8/21/2009**			**8/21/2009**			**8/21/2009**		
Units	**Guidline**	**ug/m3**			**ug/m3**			**ug/m3**			**ug/m3**			**ug/m3**			**ug/m3**			**ug/m3**			**ug/m3**		
	ug/m3	**Result**	**Q**	**D**	**Result**	**Q**	**D**	**Result**	**Q**	**D**	**Result**	**Q**	**D**	**Result**	**Q**	**D**	**Result**	**Q**	**D**	**Result**	**Q**	**D**	**Result**	**Q**	**D**
Acetone	--	65.3		1	91.5		1	373		1	444		1	213		1	234		1	34.9		1	48.2		1
1,3-Butadiene	--	0.44	U	1	0.44	U	1	0.44	U	1	2.2	U	1	1.8	U	1	1.8	U	1	0.44	U	1	0.44	U	1
Benzene	--	0.83		1	1.1		1	2.0		1	1.5	J	1	6.7		1	2.8		1	0.83		1	0.83		1
Bromodichloromethane	--	1.3	U	1	1.3	U	1	1.3	U	1	6.7	U	1	5.4	U	1	5.4	U	1	1.3	U	1	1.3	U	1
Bromoform	--	2.1	U	1	2.1	U	1	2.1	U	1	10	U	1	8.3	U	1	8.3	U	1	2.1	U	1	2.1	U	1
Bromomethane	--	0.78	U	1	0.78	U	1	0.78	U	1	3.9	U	1	3.1	U	1	3.1	U	1	0.78	U	1	0.78	U	1
Bromoethene	--	0.87	U	1	0.87	U	1	0.87	U	1	4.4	U	1	3.5	U	1	3.5	U	1	0.87	U	1	0.87	U	1
Benzyl Chloride	--	1.0	U	1	1.0	U	1	1.0	U	1	5.2	U	1	4.1	U	1	4.1	U	1	1.0	U	1	1.0	U	1
Carbon disulfide	--	0.62	U	1	8.4		1	0.72		1	3.1	U	1	2.5	U	1	2.5	U	1	0.40	J	1	0.62	U	1
Chlorobenzene	--	0.92	U	1	0.92	U	1	0.92	U	1	4.6	U	1	3.7	U	1	3.7	U	1	0.92	U	1	0.92	U	1
Chloroethane	--	0.53	U	1	0.53	U	1	0.53	U	1	2.6	U	1	2.1	U	1	2.1	U	1	0.53	U	1	0.53	U	1
Chloroform	--	0.98	U	1	0.98	U	1	0.98	U	1	4.9	U	1	3.9	U	1	3.9	U	1	0.98	U	1	0.98	U	1
Chloromethane	--	3.7		1	1.9		1	2.9		1	3.1		1	1.7	U	1	2.3		1	1.3		1	1.6		1
3-Chloropropene	--	0.63	U	1	0.63	U	1	0.63	U	1	3.1	U	1	2.5	U	1	2.5	U	1	0.63	U	1	0.63	U	1
2-Chlorotoluene	--	1.0	U	1	1.0	U	1	1.0	U	1	5.2	U	1	4.1	U	1	4.1	U	1	1.0	U	1	1.0	U	1
Carbon tetrachloride	--	1.3	U	1	0.69	J	1	1.3	U	1	6.3	U	1	5.0	U	1	5.0	U	1	1.3	U	1	1.3	U	1
Cyclohexane	--	0.38	J	1	0.69	U	1	0.69	U	1	1.8	J	1	3.4		1	2.2	J	1	0.69	U	1	0.69	U	1
1,1-Dichloroethane	--	0.81	U	1	0.81	U	1	0.81	U	1	4.0	U	1	3.2	U	1	3.2	U	1	0.81	U	1	0.81	U	1
1,1-Dichloroethylene	--	0.79	U	1	0.79	U	1	0.79	U	1	4.0	U	1	3.2	U	1	3.2	U	1	0.79	U	1	0.79	U	1
1,2-Dibromoethane	--	1.5	U	1	1.5	U	1	1.5	U	1	7.7	U	1	6.1	U	1	6.1	U	1	1.5	U	1	1.5	U	1
1,2-Dichloroethane	--	0.81	U	1	0.81	U	1	0.81	U	1	4.0	U	1	3.2	U	1	3.2	U	1	0.81	U	1	0.81	U	1
1,2-Dichloropropane	--	0.92	U	1	0.92	U	1	0.92	U	1	4.6	U	1	3.7	U	1	3.7	U	1	0.92	U	1	0.92	U	1
1,4-Dioxane	--	0.72	U	1	0.72	U	1	0.72	U	1	3.6	U	1	2.9	U	1	2.9	U	1	0.72	U	1	0.72	U	1
Dichlorodifluoromethane	--	3.7		1	7.9		1	4.5		1	4.5	J	1	4.0	U	1	4.3		1	2.5		1	3.4		1
Dibromochloromethane	--	1.7	U	1	1.7	U	1	1.7	U	1	8.5	U	1	6.8	U	1	6.8	U	1	1.7	U	1	1.7	U	1
trans-1,2-Dichloroethylene	--	0.79	U	1	0.79	U	1	0.79	U	1	4.0	U	1	3.2	U	1	3.2	U	1	0.79	U	1	0.79	U	1
cis-1,2-Dichloroethylene	--	0.79	U	1	0.79	U	1	3.0		1	4.0	U	1	3.2	U	1	3.2	U	1	0.79	U	1	0.79	U	1
cis-1,3-Dichloropropene	--	0.91	U	1	0.91	U	1	0.91	U	1	4.5	U	1	3.6	U	1	3.6	U	1	0.91	U	1	0.91	U	1
m-Dichlorobenzene	--	1.2	U	1	1.2	U	1	1.2	U	1	6.0	U	1	4.8	U	1	4.8	U	1	1.2	U	1	1.2	U	1
o-Dichlorobenzene	--	1.2	U	1	1.2	U	1	1.2	U	1	6.0	U	1	4.8	U	1	4.8	U	1	1.2	U	1	1.2	U	1
p-Dichlorobenzene	--	1.9		1	1.4		1	1.4		1	6.0	U	1	4.6	J	1	4.8	U	1	1.4		1	1.9		1
trans-1,3-Dichloropropene	--	0.91	U	1	0.91	U	1	0.91	U	1	4.5	U	1	3.6	U	1	3.6	U	1	0.91	U	1	0.91	U	1
Ethanol	--	21.7		1	18		1	87.8		1	107		1	2960	E	1	938	E	1	20.5		1	41.8		1
Ethylbenzene	--	1.0		1	1.8		1	4.8		1	6.1		1	10		1	7.4		1	0.87		1	0.91		1
Ethyl Acetate	--	0.72	U	1	0.72	U	1	12		1	13		1	5.4		1	5.4		1	4.0		1	7.2		1
4-Ethyltoluene	--	0.98	U	1	0.98	U	1	12		1	15		1	21		1	11		1	0.54	J	1	0.98	U	1
Freon 113	--	1.5	U	1	1.5	U	1	0.77	J	1	7.7	U	1	6.1	U	1	6.1	U	1	0.84	J	1	1.5	U	1
Freon 114	--	1.4	U	1	1.4	U	1	1.4	U	1	7.0	U	1	5.6	U	1	5.6	U	1	1.4	U	1	1.4	U	1
Heptane	--	1.5		1	2.3		1	20		1	24		1	17		1	12		1	1.1		1	1.2		1
Hexachlorobutadiene	--	2.1	U	1	2.1	U	1	2.1	U	1	11	U	1	8.5	U	1	8.5	U	1	2.1	U	1	2.1	U	1
Hexane	--	0.99		1	1.2		1	15		1	20		1	33		1	19		1	1.0		1	1.0		1
2-Hexanone	--	0.82	U	1	0.82	U	1	2.7		1	4.1	U	1	3.3	U	1	3.3	U	1	0.82	U	1	0.82	U	1
Isopropyl Alcohol	--	17		1	21		1	38.8		1	57.5		1	769	E	1	195		1	6.4		1	20		1
Methylene chloride	60	2.2		1	1.7		1	2.5		1	3.5		1	2.5	J	1	2.4	J	1	2.0		1	1.9		1
Methyl ethyl ketone	--	9.1		1	19		1	17		1	16		1	6.2		1	17		1	5.0		1	4.4		1

TABLE 5
2009 INDOOR AIR SAMPLING RESULTS - VOLATILE ORGANICS
58 - 30 57TH Street Site - Maspeth, NY

		Outdoor - Background				Indoor Feldman Lumber Warehouse				Indoor Feldman Lumber Office				Indoor Ruby Realty Office			
Sample ID	**NY State**	**AS-1**			**AS-2**			**AS-3**			**AS-4**			**AS-5**			**AS-6**			**AS-7**			**AS-8**		
Lab Sample No.	**DOH**	**JA26195-1**			**JA26195-2**			**JA26195-3**			**JA26195-4**			**JA26195-5**			**JA26195-6**			**JA26195-7**			**JA26195-8**		
Sampling Date	**Air**	**8/21/2009**			**8/21/2009**			**8/21/2009**			**8/21/2009**			**8/21/2009**			**8/21/2009**			**8/21/2009**			**8/21/2009**		
Units	**Guidline**	**ug/m3**			**ug/m3**			**ug/m3**			**ug/m3**			**ug/m3**			**ug/m3**			**ug/m3**			**ug/m3**		
	ug/m3	**Result**	**Q**	**D**	**Result**	**Q**	**D**	**Result**	**Q**	**D**	**Result**	**Q**	**D**	**Result**	**Q**	**D**	**Result**	**Q**	**D**	**Result**	**Q**	**D**	**Result**	**Q**	**D**
Methyl Isobutyl Ketone	--	0.82	U	1	0.57	J	1	3.5		1	3.2	J	1	3.3	U	1	3.3	U	1	0.70	J	1	0.66	J	1
Methyl Tert Butyl Ether	--	0.72	U	1	0.72	U	1	0.72	U	1	3.6	U	1	2.9	U	1	2.9	U	1	0.72	U	1	0.72	U	1
Propylene	--	2.1		1	2.6		1	0.86	U	1	7.0		1	3.4	U	1	3.4	U	1	0.86	U	1	0.86	U	1
Styrene	--	0.55	J	1	0.85	U	1	48.1		1	54.1		1	36		1	33		1	1.1		1	0.77	J	1
1,1,1-Trichloroethane	--	1.1	U	1	1.1	U	1	1.1	U	1	5.5	U	1	4.4	U	1	4.4	U	1	1.1	U	1	1.1	U	1
1,1,2,2-Tetrachloroethane	--	1.4	U	1	1.4	U	1	1.4	U	1	6.9	U	1	5.5	U	1	5.5	U	1	1.4	U	1	1.4	U	1
1,1,2-Trichloroethane	--	1.1	U	1	1.1	U	1	1.1	U	1	5.5	U	1	4.4	U	1	4.4	U	1	1.1	U	1	1.1	U	1
1,2,4-Trichlorobenzene	--	1.5	U	1	1.5	U	1	1.5	U	1	7.4	U	1	5.9	U	1	5.9	U	1	1.5	U	1	1.5	U	1
1,2,4-Trimethylbenzene	--	1.8		1	3.0		1	81.1		1	109		1	159		1	85.5		1	3.1		1	2.9		1
1,3,5-Trimethylbenzene	--	0.59	J	1	0.74	J	1	31		1	46		1	66.4		1	34		1	1.2		1	1.0		1
2,2,4-Trimethylpentane	--	1.3		1	1.4		1	1.8		1	4.7	U	1	7.0		1	2.8	J	1	1.1		1	1.8		1
Tertiary Butyl Alcohol	--	0.61	U	1	0.61	U	1	0.61	U	1	3.0	U	1	10		1	2.4	U	1	0.61	U	1	2.5		1
Tetrachloroethylene	100	2.6		1	0.88		1	0.81		1	1.4	U	1	1.1		1	1.1	U	1	0.75		1	0.68		1
Tetrahydrofuran	--	0.59	U	1	0.59	U	1	0.59	U	1	2.9	U	1	2.4	U	1	2.4	U	1	0.59	U	1	0.59	U	1
Toluene	--	12		1	22		1	58.0		1	53.5		1	97.6		1	59.5		1	7.9		1	8.3		1
Trichloroethylene (TCE)	**5**	0.21	U	1	0.21	U	1	***13***		1	4.0		1	1.5		1	0.86	U	1	0.21	U	1	0.21	U	1
Trichlorofluoromethane	--	2.4		1	2.9		1	2.4		1	4.8	J	1	4.5	U	1	2.3	J	1	1.6		1	1.9		1
Vinyl chloride	--	0.51	U	1	0.51	U	1	0.51	U	1	2.6	U	1	2.0	U	1	2.0	U	1	0.51	U	1	0.51	U	1
Vinyl Acetate	--	0.70	U	1	0.70	U	1	0.70	U	1	3.5	U	1	2.8	U	1	2.8	U	1	0.70	U	1	0.70	U	1
m,p-Xylene	--	3.0		1	4.8		1	31		1	39		1	68.2		1	39		1	3.2		1	3.3		1
o-Xylene	--	0.83	J	1	1.3		1	13		1	17		1	29		1	15		1	1.1		1	1.1		1
Xylenes (total)	--	3.8		1	6.1		1	43.9		1	56.5		1	96.4		1	53.4		1	4.3		1	4.3		1

Compound List Report

Product: VTO15STD Volatile Organics
Matrix: AIR Air

Feb 01, 2011 02:16 pm

Method List:	VTO14/15 AIR	**Method Ref:**	TO-15	LJ33282
Report List:	VTO15 AIR			LJ17455
RL/MDL Factor:	4			

Compound	CAS No.	RL	MDL	Units
Acetone	67-64-1	0.80	0.25	ppbv
1,3-Butadiene	106-99-0	0.80	0.11	ppbv
Benzene	71-43-2	0.80	0.20	ppbv
Bromodichloromethane	75-27-4	0.80	0.10	ppbv
Bromoform	75-25-2	0.80	0.098	ppbv
Bromomethane	74-83-9	0.80	0.10	ppbv
Bromoethene	593-60-2	0.80	0.13	ppbv
Benzyl Chloride	100-44-7	0.80	0.14	ppbv
Carbon disulfide	75-15-0	0.80	0.12	ppbv
Chlorobenzene	108-90-7	0.80	0.12	ppbv
Chloroethane	75-00-3	0.80	0.20	ppbv
Chloroform	67-66-3	0.80	0.10	ppbv
Chloromethane	74-87-3	0.80	0.21	ppbv
3-Chloropropene	107-05-1	0.80	0.14	ppbv
2-Chlorotoluene	95-49-8	0.80	0.13	ppbv
Carbon tetrachloride	56-23-5	0.80	0.091	ppbv
Cyclohexane	110-82-7	0.80	0.17	ppbv
1,1-Dichloroethane	75-34-3	0.80	0.098	ppbv
1,1-Dichloroethylene	75-35-4	0.80	0.095	ppbv
1,2-Dibromoethane	106-93-4	0.80	0.12	ppbv
1,2-Dichloroethane	107-06-2	0.80	0.094	ppbv
1,2-Dichloropropane	78-87-5	0.80	0.22	ppbv
1,4-Dioxane	123-91-1	0.80	0.16	ppbv
Dichlorodifluoromethane	75-71-8	0.80	0.29	ppbv
Dibromochloromethane	124-48-1	0.80	0.33	ppbv
trans-1,2-Dichloroethylene	156-60-5	0.80	0.14	ppbv
cis-1,2-Dichloroethylene	156-59-2	0.80	0.13	ppbv
cis-1,3-Dichloropropene	10061-01-5	0.80	0.087	ppbv
m-Dichlorobenzene	541-73-1	0.80	0.10	ppbv
o-Dichlorobenzene	95-50-1	0.80	0.13	ppbv
p-Dichlorobenzene	106-46-7	0.80	0.11	ppbv
trans-1,3-Dichloropropene	10061-02-6	0.80	0.31	ppbv
Ethanol	64-17-5	2.0	0.68	ppbv
Ethylbenzene	100-41-4	0.80	0.11	ppbv
Ethyl Acetate	141-78-6	0.80	0.31	ppbv
4-Ethyltoluene	622-96-8	0.80	0.096	ppbv
Freon 113	76-13-1	0.80	0.10	ppbv
Freon 114	76-14-2	0.80	0.12	ppbv
Heptane	142-82-5	0.80	0.094	ppbv
Hexachlorobutadiene	87-68-3	0.80	0.24	ppbv
Hexane	110-54-3	0.80	0.087	ppbv
2-Hexanone	591-78-6	0.80	0.17	ppbv
Isopropyl Alcohol	67-63-0	0.80	0.22	ppbv
Methylene chloride	75-09-2	0.80	0.11	ppbv

Compound List Report

Product: VTO15STD Volatile Organics
Matrix: AIR Air

Feb 01, 2011 02:16 pm

Method List:	VTO14/15 AIR	**Method Ref:**	TO-15	LJ33282
Report List:	VTO15 AIR			LJ17455
RL/MDL Factor:	4			

Compound	CAS No.	RL	MDL	Units
Methyl ethyl ketone	78-93-3	0.80	0.12	ppbv
Methyl Isobutyl Ketone	108-10-1	0.80	0.15	ppbv
Methyl Tert Butyl Ether	1634-04-4	0.80	0.17	ppbv
Propylene	115-07-1	2.0	0.38	ppbv
Styrene	100-42-5	0.80	0.11	ppbv
1,1,1-Trichloroethane	71-55-6	0.80	0.097	ppbv
1,1,2,2-Tetrachloroethane	79-34-5	0.80	0.10	ppbv
1,1,2-Trichloroethane	79-00-5	0.80	0.096	ppbv
1,2,4-Trichlorobenzene	120-82-1	0.80	0.46	ppbv
1,2,4-Trimethylbenzene	95-63-6	0.80	0.11	ppbv
1,3,5-Trimethylbenzene	108-67-8	0.80	0.11	ppbv
2,2,4-Trimethylpentane	540-84-1	0.80	0.083	ppbv
Tertiary Butyl Alcohol	75-65-0	0.80	0.16	ppbv
Tetrachloroethylene	127-18-4	0.16	0.16	ppbv
Tetrahydrofuran	109-99-9	0.80	0.23	ppbv
Toluene	108-88-3	0.80	0.10	ppbv
Trichloroethylene	79-01-6	0.16	0.097	ppbv
Trichlorofluoromethane	75-69-4	0.80	0.13	ppbv
Vinyl chloride	75-01-4	0.80	0.12	ppbv
Vinyl Acetate	108-05-4	0.80	0.53	ppbv
m,p-Xylene		0.80	0.24	ppbv
o-Xylene	95-47-6	0.80	0.10	ppbv
Xylenes (total)	1330-20-7	0.80	0.10	ppbv

67 compounds reported in list VTO15

Compound List Report

Product: VTO15STD Volatile Organics
Matrix: AIR Air

Feb 01, 2011 02:16 pm

Method List:	VTO14/15 AIR	**Method Ref:**	TO-15	LJ33282
Report List:	VTO15 AIR			LJ17455
RL/MDL Factor:	4			

Compound	CAS No.	RL	MDL	Units
Acetone	67-64-1	1.9	0.60	ug/m3
1,3-Butadiene	106-99-0	1.8	0.25	ug/m3
Benzene	71-43-2	2.6	0.64	ug/m3
Bromodichloromethane	75-27-4	5.2	0.68	ug/m3
Bromoform	75-25-2	8.4	1.0	ug/m3
Bromomethane	74-83-9	3.1	0.40	ug/m3
Bromoethene	593-60-2	3.5	0.56	ug/m3
Benzyl Chloride	100-44-7	4.0	0.72	ug/m3
Carbon disulfide	75-15-0	2.5	0.36	ug/m3
Chlorobenzene	108-90-7	3.7	0.56	ug/m3
Chloroethane	75-00-3	2.1	0.52	ug/m3
Chloroform	67-66-3	3.9	0.52	ug/m3
Chloromethane	74-87-3	1.6	0.44	ug/m3
3-Chloropropene	107-05-1	2.5	0.44	ug/m3
2-Chlorotoluene	95-49-8	4.0	0.68	ug/m3
Carbon tetrachloride	56-23-5	5.2	0.56	ug/m3
Cyclohexane	110-82-7	2.8	0.56	ug/m3
1,1-Dichloroethane	75-34-3	3.2	0.40	ug/m3
1,1-Dichloroethylene	75-35-4	3.2	0.38	ug/m3
1,2-Dibromoethane	106-93-4	6.0	0.92	ug/m3
1,2-Dichloroethane	107-06-2	3.2	0.38	ug/m3
1,2-Dichloropropane	78-87-5	3.7	1.0	ug/m3
1,4-Dioxane	123-91-1	2.9	0.56	ug/m3
Dichlorodifluoromethane	75-71-8	4.0	1.4	ug/m3
Dibromochloromethane	124-48-1	6.8	2.8	ug/m3
trans-1,2-Dichloroethylene	156-60-5	3.2	0.56	ug/m3
cis-1,2-Dichloroethylene	156-59-2	3.2	0.48	ug/m3
cis-1,3-Dichloropropene	10061-01-5	3.6	0.40	ug/m3
m-Dichlorobenzene	541-73-1	4.8	0.60	ug/m3
o-Dichlorobenzene	95-50-1	4.8	0.76	ug/m3
p-Dichlorobenzene	106-46-7	4.8	0.64	ug/m3
trans-1,3-Dichloropropene	10061-02-6	3.6	1.4	ug/m3
Ethanol	64-17-5	3.8	1.3	ug/m3
Ethylbenzene	100-41-4	3.5	0.48	ug/m3
Ethyl Acetate	141-78-6	2.9	1.1	ug/m3
4-Ethyltoluene	622-96-8	3.9	0.48	ug/m3
Freon 113	76-13-1	6.0	0.80	ug/m3
Freon 114	76-14-2	5.6	0.80	ug/m3
Heptane	142-82-5	3.3	0.39	ug/m3
Hexachlorobutadiene	87-68-3	8.4	2.5	ug/m3
Hexane	110-54-3	2.8	0.30	ug/m3
2-Hexanone	591-78-6	3.3	0.68	ug/m3
Isopropyl Alcohol	67-63-0	2.0	0.52	ug/m3
Methylene chloride	75-09-2	2.8	0.37	ug/m3

Compound List Report

Product: VTO15STD Volatile Organics
Matrix: AIR Air

Feb 01, 2011 02:16 pm

Method List:	VTO14/15 AIR	**Method Ref:**	TO-15	LJ33282
Report List:	VTO15 AIR			LJ17455
RL/MDL Factor:	4			

Compound	CAS No.	RL	MDL	Units
Methyl ethyl ketone	78-93-3	2.4	0.36	ug/m3
Methyl Isobutyl Ketone	108-10-1	3.3	0.60	ug/m3
Methyl Tert Butyl Ether	1634-04-4	2.9	0.60	ug/m3
Propylene	115-07-1	3.4	0.64	ug/m3
Styrene	100-42-5	3.4	0.44	ug/m3
1,1,1-Trichloroethane	71-55-6	4.4	0.52	ug/m3
1,1,2,2-Tetrachloroethane	79-34-5	5.6	0.68	ug/m3
1,1,2-Trichloroethane	79-00-5	4.4	0.52	ug/m3
1,2,4-Trichlorobenzene	120-82-1	6.0	3.4	ug/m3
1,2,4-Trimethylbenzene	95-63-6	3.9	0.52	ug/m3
1,3,5-Trimethylbenzene	108-67-8	3.9	0.52	ug/m3
2,2,4-Trimethylpentane	540-84-1	3.7	0.39	ug/m3
Tertiary Butyl Alcohol	75-65-0	2.4	0.48	ug/m3
Tetrachloroethylene	127-18-4	1.1	1.1	ug/m3
Tetrahydrofuran	109-99-9	2.4	0.68	ug/m3
Toluene	108-88-3	3.0	0.38	ug/m3
Trichloroethylene	79-01-6	0.84	0.52	ug/m3
Trichlorofluoromethane	75-69-4	4.4	0.72	ug/m3
Vinyl chloride	75-01-4	2.0	0.30	ug/m3
Vinyl Acetate	108-05-4	2.8	1.9	ug/m3
m,p-Xylene		3.5	1.0	ug/m3
o-Xylene	95-47-6	3.5	0.44	ug/m3
Xylenes (total)	1330-20-7	3.5	0.44	ug/m3

67 compounds reported in list VTO15

Compound List Report

Product: VTO15STD Volatile Organics
Matrix: AIR Air

Feb 01, 2011 02:16 pm

Method List:	VTO14/15 AIR	**Method Ref:**	TO-15	LJ33282
Report List:	VTO15 AIR			LJ17455
RL/MDL Factor:	4			

Compound	CAS No.	RL	MDL	Units
Acetone	67-64-1	0.80	0.25	ppbv
1,3-Butadiene	106-99-0	0.80	0.11	ppbv
Benzene	71-43-2	0.80	0.20	ppbv
Bromodichloromethane	75-27-4	0.80	0.10	ppbv
Bromoform	75-25-2	0.80	0.098	ppbv
Bromomethane	74-83-9	0.80	0.10	ppbv
Bromoethene	593-60-2	0.80	0.13	ppbv
Benzyl Chloride	100-44-7	0.80	0.14	ppbv
Carbon disulfide	75-15-0	0.80	0.12	ppbv
Chlorobenzene	108-90-7	0.80	0.12	ppbv
Chloroethane	75-00-3	0.80	0.20	ppbv
Chloroform	67-66-3	0.80	0.10	ppbv
Chloromethane	74-87-3	0.80	0.21	ppbv
3-Chloropropene	107-05-1	0.80	0.14	ppbv
2-Chlorotoluene	95-49-8	0.80	0.13	ppbv
Carbon tetrachloride	56-23-5	0.80	0.091	ppbv
Cyclohexane	110-82-7	0.80	0.17	ppbv
1,1-Dichloroethane	75-34-3	0.80	0.098	ppbv
1,1-Dichloroethylene	75-35-4	0.80	0.095	ppbv
1,2-Dibromoethane	106-93-4	0.80	0.12	ppbv
1,2-Dichloroethane	107-06-2	0.80	0.094	ppbv
1,2-Dichloropropane	78-87-5	0.80	0.22	ppbv
1,4-Dioxane	123-91-1	0.80	0.16	ppbv
Dichlorodifluoromethane	75-71-8	0.80	0.29	ppbv
Dibromochloromethane	124-48-1	0.80	0.33	ppbv
trans-1,2-Dichloroethylene	156-60-5	0.80	0.14	ppbv
cis-1,2-Dichloroethylene	156-59-2	0.80	0.13	ppbv
cis-1,3-Dichloropropene	10061-01-5	0.80	0.087	ppbv
m-Dichlorobenzene	541-73-1	0.80	0.10	ppbv
o-Dichlorobenzene	95-50-1	0.80	0.13	ppbv
p-Dichlorobenzene	106-46-7	0.80	0.11	ppbv
trans-1,3-Dichloropropene	10061-02-6	0.80	0.31	ppbv
Ethanol	64-17-5	2.0	0.68	ppbv
Ethylbenzene	100-41-4	0.80	0.11	ppbv
Ethyl Acetate	141-78-6	0.80	0.31	ppbv
4-Ethyltoluene	622-96-8	0.80	0.096	ppbv
Freon 113	76-13-1	0.80	0.10	ppbv
Freon 114	76-14-2	0.80	0.12	ppbv
Heptane	142-82-5	0.80	0.094	ppbv
Hexachlorobutadiene	87-68-3	0.80	0.24	ppbv
Hexane	110-54-3	0.80	0.087	ppbv
2-Hexanone	591-78-6	0.80	0.17	ppbv
Isopropyl Alcohol	67-63-0	0.80	0.22	ppbv
Methylene chloride	75-09-2	0.80	0.11	ppbv

Compound List Report

Product: VTO15STD Volatile Organics
Matrix: AIR Air

Feb 01, 2011 02:16 pm

Method List:	VTO14/15 AIR	**Method Ref:**	TO-15	LJ33282
Report List:	VTO15 AIR			LJ17455
RL/MDL Factor:	4			

Compound	CAS No.	RL	MDL	Units
Methyl ethyl ketone	78-93-3	0.80	0.12	ppbv
Methyl Isobutyl Ketone	108-10-1	0.80	0.15	ppbv
Methyl Tert Butyl Ether	1634-04-4	0.80	0.17	ppbv
Propylene	115-07-1	2.0	0.38	ppbv
Styrene	100-42-5	0.80	0.11	ppbv
1,1,1-Trichloroethane	71-55-6	0.80	0.097	ppbv
1,1,2,2-Tetrachloroethane	79-34-5	0.80	0.10	ppbv
1,1,2-Trichloroethane	79-00-5	0.80	0.096	ppbv
1,2,4-Trichlorobenzene	120-82-1	0.80	0.46	ppbv
1,2,4-Trimethylbenzene	95-63-6	0.80	0.11	ppbv
1,3,5-Trimethylbenzene	108-67-8	0.80	0.11	ppbv
2,2,4-Trimethylpentane	540-84-1	0.80	0.083	ppbv
Tertiary Butyl Alcohol	75-65-0	0.80	0.16	ppbv
Tetrachloroethylene	127-18-4	0.16	0.16	ppbv
Tetrahydrofuran	109-99-9	0.80	0.23	ppbv
Toluene	108-88-3	0.80	0.10	ppbv
Trichloroethylene	79-01-6	0.16	0.097	ppbv
Trichlorofluoromethane	75-69-4	0.80	0.13	ppbv
Vinyl chloride	75-01-4	0.80	0.12	ppbv
Vinyl Acetate	108-05-4	0.80	0.53	ppbv
m,p-Xylene		0.80	0.24	ppbv
o-Xylene	95-47-6	0.80	0.10	ppbv
Xylenes (total)	1330-20-7	0.80	0.10	ppbv

67 compounds reported in list VTO15

Table 9 - SubSlab Sampling MDLs - ug/m3

Compound List Report

Product: VTO15STD Volatile Organics
Matrix: AIR Air

Feb 01, 2011 02:16 pm

Method List: VTO14/15 AIR **Method Ref:** TO-15 LJ33282
Report List: VTO15 AIR LJ17455
RL/MDL Factor: 4

Compound	CAS No.	RL	MDL	Units
Acetone	67-64-1	1.9	0.60	ug/m3
1,3-Butadiene	106-99-0	1.8	0.25	ug/m3
Benzene	71-43-2	2.6	0.64	ug/m3
Bromodichloromethane	75-27-4	5.2	0.68	ug/m3
Bromoform	75-25-2	8.4	1.0	ug/m3
Bromomethane	74-83-9	3.1	0.40	ug/m3
Bromoethene	593-60-2	3.5	0.56	ug/m3
Benzyl Chloride	100-44-7	4.0	0.72	ug/m3
Carbon disulfide	75-15-0	2.5	0.36	ug/m3
Chlorobenzene	108-90-7	3.7	0.56	ug/m3
Chloroethane	75-00-3	2.1	0.52	ug/m3
Chloroform	67-66-3	3.9	0.52	ug/m3
Chloromethane	74-87-3	1.6	0.44	ug/m3
3-Chloropropene	107-05-1	2.5	0.44	ug/m3
2-Chlorotoluene	95-49-8	4.0	0.68	ug/m3
Carbon tetrachloride	56-23-5	5.2	0.56	ug/m3
Cyclohexane	110-82-7	2.8	0.56	ug/m3
1,1-Dichloroethane	75-34-3	3.2	0.40	ug/m3
1,1-Dichloroethylene	75-35-4	3.2	0.38	ug/m3
1,2-Dibromoethane	106-93-4	6.0	0.92	ug/m3
1,2-Dichloroethane	107-06-2	3.2	0.38	ug/m3
1,2-Dichloropropane	78-87-5	3.7	1.0	ug/m3
1,4-Dioxane	123-91-1	2.9	0.56	ug/m3
Dichlorodifluoromethane	75-71-8	4.0	1.4	ug/m3
Dibromochloromethane	124-48-1	6.8	2.8	ug/m3
trans-1,2-Dichloroethylene	156-60-5	3.2	0.56	ug/m3
cis-1,2-Dichloroethylene	156-59-2	3.2	0.48	ug/m3
cis-1,3-Dichloropropene	10061-01-5	3.6	0.40	ug/m3
m-Dichlorobenzene	541-73-1	4.8	0.60	ug/m3
o-Dichlorobenzene	95-50-1	4.8	0.76	ug/m3
p-Dichlorobenzene	106-46-7	4.8	0.64	ug/m3
trans-1,3-Dichloropropene	10061-02-6	3.6	1.4	ug/m3
Ethanol	64-17-5	3.8	1.3	ug/m3
Ethylbenzene	100-41-4	3.5	0.48	ug/m3
Ethyl Acetate	141-78-6	2.9	1.1	ug/m3
4-Ethyltoluene	622-96-8	3.9	0.48	ug/m3
Freon 113	76-13-1	6.0	0.80	ug/m3
Freon 114	76-14-2	5.6	0.80	ug/m3
Heptane	142-82-5	3.3	0.39	ug/m3
Hexachlorobutadiene	87-68-3	8.4	2.5	ug/m3
Hexane	110-54-3	2.8	0.30	ug/m3
2-Hexanone	591-78-6	3.3	0.68	ug/m3
Isopropyl Alcohol	67-63-0	2.0	0.52	ug/m3
Methylene chloride	75-09-2	2.8	0.37	ug/m3

Compound List Report

Product: VTO15STD Volatile Organics
Matrix: AIR Air

Feb 01, 2011 02:16 pm

Method List:	VTO14/15 AIR	**Method Ref:**	TO-15	LJ33282
Report List:	VTO15 AIR			LJ17455
RL/MDL Factor:	4			

Compound	CAS No.	RL	MDL	Units
Methyl ethyl ketone	78-93-3	2.4	0.36	ug/m3
Methyl Isobutyl Ketone	108-10-1	3.3	0.60	ug/m3
Methyl Tert Butyl Ether	1634-04-4	2.9	0.60	ug/m3
Propylene	115-07-1	3.4	0.64	ug/m3
Styrene	100-42-5	3.4	0.44	ug/m3
1,1,1-Trichloroethane	71-55-6	4.4	0.52	ug/m3
1,1,2,2-Tetrachloroethane	79-34-5	5.6	0.68	ug/m3
1,1,2-Trichloroethane	79-00-5	4.4	0.52	ug/m3
1,2,4-Trichlorobenzene	120-82-1	6.0	3.4	ug/m3
1,2,4-Trimethylbenzene	95-63-6	3.9	0.52	ug/m3
1,3,5-Trimethylbenzene	108-67-8	3.9	0.52	ug/m3
2,2,4-Trimethylpentane	540-84-1	3.7	0.39	ug/m3
Tertiary Butyl Alcohol	75-65-0	2.4	0.48	ug/m3
Tetrachloroethylene	127-18-4	1.1	1.1	ug/m3
Tetrahydrofuran	109-99-9	2.4	0.68	ug/m3
Toluene	108-88-3	3.0	0.38	ug/m3
Trichloroethylene	79-01-6	0.84	0.52	ug/m3
Trichlorofluoromethane	75-69-4	4.4	0.72	ug/m3
Vinyl chloride	75-01-4	2.0	0.30	ug/m3
Vinyl Acetate	108-05-4	2.8	1.9	ug/m3
m,p-Xylene		3.5	1.0	ug/m3
o-Xylene	95-47-6	3.5	0.44	ug/m3
Xylenes (total)	1330-20-7	3.5	0.44	ug/m3

67 compounds reported in list VTO15

FIGURES

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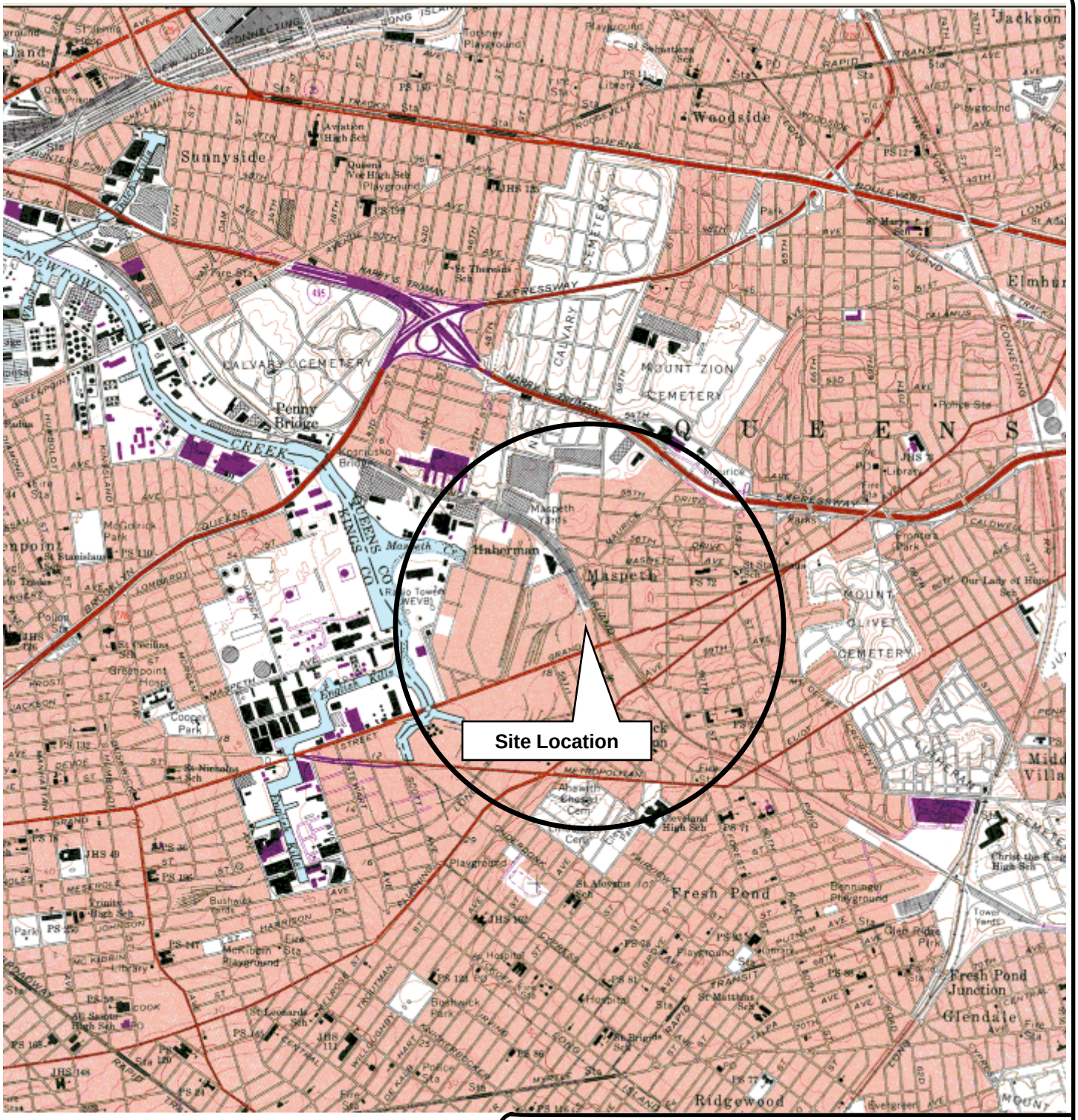

N

Legend

○ ½ Mile-radius

SOURCE:
Brooklyn Quadrangle, 7.5 MIN Topo. Series, Contour 20', 1995

FIGURE 1 – REGIONAL SITE LOCATION MAP

58-30 57th Street
Maspeth, Queens
New York City, New York

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DRAWN BY	DESIGNED BY	APPROVED BY	FIGURE NUMBER
RCS	RCS	RCS	1
DATE	SCALE	PROJECT No.	
July 29, 2010	1" = 2,000'	HW08-211	

SITE MAP

58-30 57th STREET
MASPETH-QUEENS, NEW YORK
SITE REGISTRY NO. 241097

EcolSciences, Inc.
Environmental Management & Regulatory Compliance

DRAWN BY:	DESIGNED BY:	APPROVED BY:	FIGURE NUMBER:
AG	KK	KK	2
DATE: 8/3/10	SCALE: AS SHOWN	PROJECT NO.: HWD8-211	

FILE: G:\CLIENTS\ECOLSCIENCES\HWD8-211 RUBY REALTY\BOS 8-2010\FIGURE 2.DWG, DATE: 08/03/2010 04:23:28PM

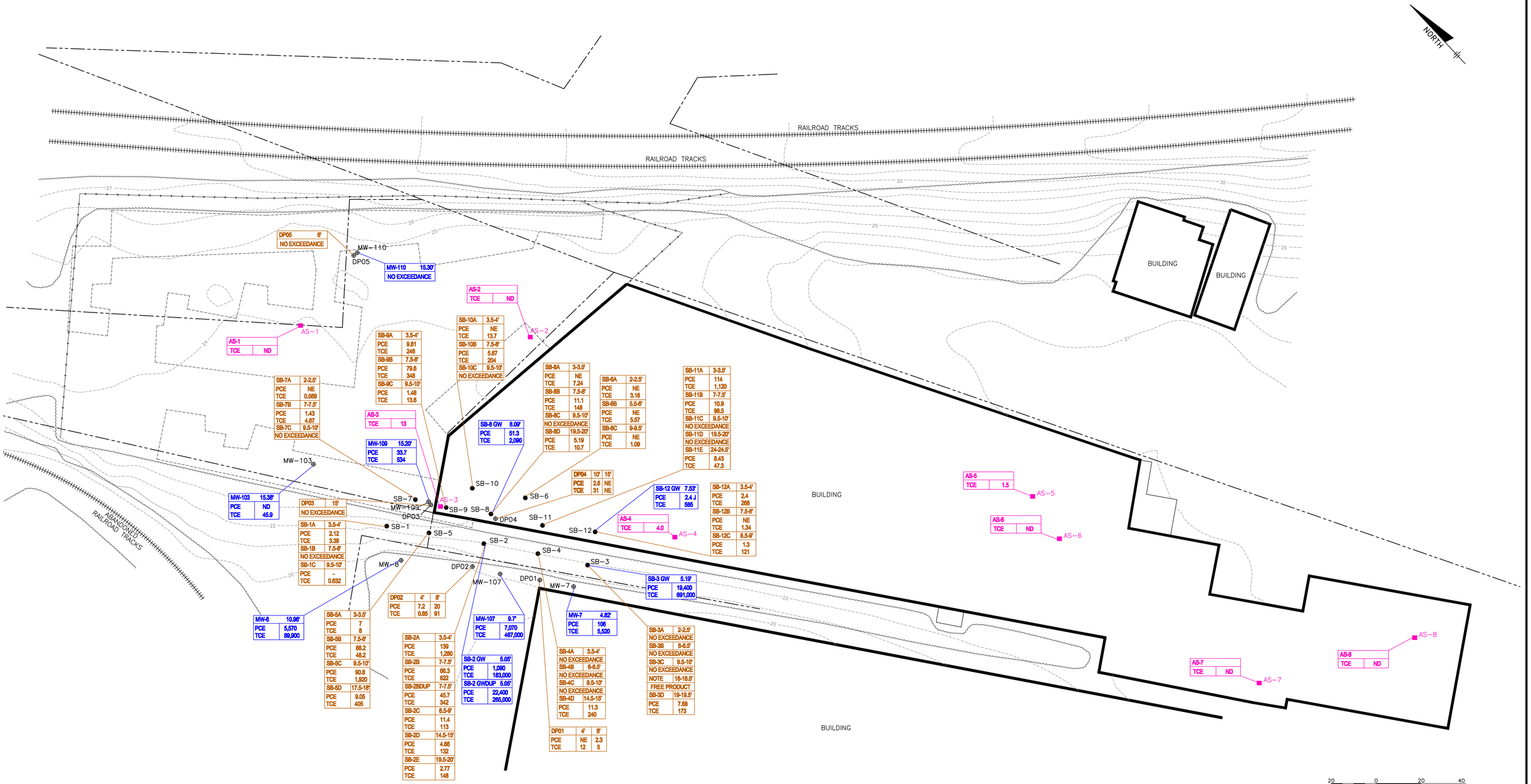

TABLE OF APPLICABLE REMEDIAL CRITERIA	
SOIL (ppm) - SEE NOTE 3	
PCE	1.3
TCE	0.47
GROUND WATER (ppb) - SEE NOTE 3	
PCE	5
TCE	5

NOTES

1. ONLY PCE AND TCE RESULTS ARE PRESENTED. OTHER CONTAMINANTS ARE PRESENT ABOVE CRITERIA.

2. SITE FEATURES AND CDM SAMPLE LOCATIONS AND DATA TAKEN FROM FIGURES AND TABLES PROVIDED IN THE "FINAL SITE CHARACTERIZATION REPORT IMMEDIATE INVESTIGATION WORK ASSIGNMENT" REPORT PREPARED BY CDM, DATED MARCH 4, 2008.

3. CLEAN-UP CRITERIA FOR SOIL AND GROUND WATER AS PER MARCH 4, 2008 REPORT (REFERENCED IN NOTE 2 ABOVE). AIR GUIDANCE VALUES VARY, AS INDICATED.

LEGEND

- PROPERTY BOUNDARY
- LUMBER STORAGE AREA
- ECOLSCIENCES SAMPLE LOCATION (JULY-AUGUST 2009)
- CDM SAMPLE LOCATION
- 2009 AIR SAMPLE LOCATIONS (ug/m3)

2006 AND 2009 SOIL SAMPLE RESULTS IN PARTS PER MILLION (ppm). "DP" SAMPLES BY CDM IN 2006 AND "SB" SAMPLES BY ECOLSCIENCES IN 2009.

2009 ECOLSCIENCES, INC. GROUND WATER RESULTS IN PARTS PER BILLION (ppb)

TITLE:

2009 INVESTIGATION SUMMARY

58-30 57th STREET
MASPETH-QUEENS, NEW YORK
SITE REGISTRY NO. 241097

EcolSciences, Inc.
Environmental Management & Regulatory Compliance

DRAWN BY:	DESIGNED BY:	APPROVED BY:	FIGURE NUMBER:
AG	KK	KK	3
DATE: 8/3/10	SCALE: AS SHOWN	PROJECT NO.: HW08-211	

FILE: G:\CLIENTS\FE_ECOLSCIENCES\HW08-211 RUBY REALTY\REVS 8-2010\FIGURE 3.DWG, DATE: 08/05/2010 04:45:44 PM

LEGEND

- PROPERTY BOUNDARY
- LUMBER STORAGE AREA
- ● ECOLSCIENCES SAMPLE LOCATION (JULY–AUGUST 2009)
- ⊕ CDM SAMPLE LOCATION
- ■ 2009 AIR SAMPLE LOCATIONS (ug/m3)
- ■ NEW AIR SAMPLE LOCATIONS (ug/m3)
- O OUTDOOR/BACKGROUND SAMPLE
- I INDOOR AIR SAMPLE
- S SUB–SLAB SAMPLE
- GENERAL GROUND WATER FLOW DIRECTION

NOTES

1. SITE FEATURES AND CDM SAMPLE LOCATIONS AND DATA TAKEN FROM FIGURES AND TABLES PROVIDED IN THE "FINAL SITE CHARACTERIZATION REPORT IMMEDIATE INVESTIGATION WORK ASSIGNMENT" REPORT PREPARED BY CDM, DATED MARCH 4, 2008 AND THE "SITE INVESTIGATION REPORT FOR STAR CORRUGATED BOX COMPANY, INC." REPORT PREPARED BY FPM GROUP, DATED OCTOBER 2001.

2. CLEAN–UP CRITERIA FOR GROUND WATER AS PER MARCH 4, 2008 REPORT (REFERENCED IN NOTE 1 ABOVE). AIR GUIDANCE VALUES VARY, AS INDICATED.

3. PROPOSED SAMPLE LOCATIONS ARE APPROXIMATE. ACTUAL LOCATIONS DEPENDENT ON FIELD CONDITIONS/ACCESSIBILITY.

4. THE FOLLOWING MONITORING WELLS ON THE NORAMPAC PROPERTY HAVE BEEN DESTROYED AND WILL NEED TO BE REINSTALLED: MW–01, MW–02, MW–03, MW–04, IW–07. IW–06 HAS BEEN DESTROYED AND WILL NOT BE REINSTALLED.

30 0 30 60
1"=30'

TITLE:

VAPOR INTRUSION SAMPLING WORKPLAN

58-30 57th STREET
MASPETH-QUEENS, NEW YORK
SITE REGISTRY NO. 241097

EcolSciences, Inc.
Environmental Management & Regulatory Compliance

DRAWN BY:	DESIGNED BY:	APPROVED BY:	FIGURE NUMBER:
AC	KK	KK	8
DATE: 2/28/11	SCALE: AS SHOWN	PROJECT NO.: HW08–211	

FILE: G:\CLIENTS\EVECOLSCIENCES\HW08-211 RUBY REALTY\MSVS 8-2010\FIGURE 8.DWG, DATE: 02/28/2011 05:56:59PM