CONESTOGA-ROVERS & ASSOCIATES

2055 Niagara Falls Blvd., Suite #3
Niagara Falls, New York 14304
Telephone: (716) 297-6150 Fax: (716) 297-2265
www.CRAworld.com

MEMORANDUM

TO: Klaus Schmidtke

REF. NO.: 081618

FROM: Kathy Willy/bjw/2

DATE: December 11, 2014
REVISION: December 15, 2014

RE: **Analytical Results and Full Validation**
Soil Vapor Investigation
Glenn Springs Holdings, Inc.
Hicksville, New York
October-November 2014

1.0 Introduction

The following document details a validation of analytical results for soil vapor samples collected in support of the soil vapor investigation at the Hicksville Site during October-November 2014. Samples were submitted to TestAmerica Laboratories, located in Knoxville, Tennessee. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Full Contract Laboratory Program (CLP) equivalent raw data deliverables were provided by the laboratory. Evaluation of the data was based on information obtained from the finished data sheets, raw data, chain of custody forms, calibration data, blank data, duplicate data, recovery data from surrogate spikes, laboratory control samples (LCS), and field quality assurance/quality control (QA/QC) samples. The assessment of analytical and in-house data included checks for: data consistency (by observing comparability of duplicate analyses), adherence to accuracy and precision criteria, and transmittal errors.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

i) "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-08-01, June 2008

Item i) will subsequently be referred to as the "Guidelines" in this Memorandum.

2.0 Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were delivered and stored properly by the laboratory.

3.0 Gas Chromatography/Mass Spectrometer (GC/MS) – Tuning and Mass Calibration (Instrument Performance Check) and Inductively Coupled Plasma/Mass Spectrometer (ICP/MS)

Organic Analyses

Prior to volatile organic compound (VOC) analysis, GC/MS instrumentation is tuned to ensure optimization over the mass range of interest. To evaluate instrument tuning, the method requires the analysis of specific tuning compound bromofluorobenzene (BFB). The resulting spectra must meet the criteria cited in the methods before analysis is initiated. Analysis of the tuning compound must then be repeated every 24 hours throughout sample analysis to ensure the continued optimization of the instrument.

Tuning compounds were analyzed at the required frequency throughout the VOC analysis periods. All tuning criteria were met, indicating that proper optimization of the instrumentation was achieved.

4.0 Initial Calibration - Organic Analyses

GC/MS

To quantify VOC compounds of interest in samples, calibration of the GC/MS over a specific concentration range must be performed. Initially, a five-point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each analyte over a specific concentration range. Linearity of the calibration curve and instrument sensitivity are evaluated against the following criteria:

i) All relative response factors (RRFs) must be greater than or equal to 0.05 (0.01 for poor responders)

ii) The percent relative standard deviation (RSD) values must not exceed 30.0 percent or a minimum correlation coefficient (R) of 0.995 and minimum coefficient of determination (R^2) of 0.99 if linear and quadratic equation calibration curves, respectively, are used

The initial calibration data for VOCs were reviewed. All compounds met the above criteria for sensitivity and linearity.

5.0 Continuing Calibration - Organic Analyses

GC/MS

To ensure that instrument calibration for VOC analyses is acceptable throughout the sample analysis period, continuing calibration standards must be analyzed and compared to the initial calibration curve every 24 hours.

The following criteria were employed to evaluate continuing calibration data:

i) All RRF values must be greater than or equal to 0.05

ii) Percent difference (%D) values must not exceed 30 percent.

Calibration standards were analyzed at the required frequency, and the results met the above criteria for instrument sensitivity and stability.

6.0 Laboratory Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

7.0 Surrogate spike recoveries

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for VOCs are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for VOC determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the above criteria.

8.0 Internal Standards (IS) Analyses

IS data were evaluated for all VOC sample analyses.

To ensure that changes in the GC/MS sensitivity and response do not affect sample analysis results, IS compounds are added to each sample prior to analysis. All results are then calculated as a ratio of the IS responses.

The sample IS results were evaluated against the following criteria:

i) The retention time of the IS must not vary more than ±30 seconds from the associated calibration standard

ii) IS area counts must be within 60 percent to 140 percent

All organic IS recoveries and retention times met the above criteria.

9.0 Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

10.0 Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision.

Site specific MS/MSDs were not performed for this sampling event.

11.0 Field QA/QC Samples

The field QA/QC consisted of one ambient air sample and one background sample.

Ambient/Background Sample Analysis

To assist in evaluating background contaminant levels one ambient air sample and one background sample were collected. All results were non-detect for the compounds of interest.

12.0 Analyte Reporting

The laboratory would report detected results down to the laboratory's method detection limit (MDL) for each analyte. No positive detections less than the practical quantitation limit (PQL) but greater than the MDL were reported. Non-detect results were presented as non-detect at the PQL in Table 2.

13.0 Target Compound Identification

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to the identification criteria established by the methods. The samples identified in Table 1 were reviewed. The organic compounds reported adhered to the specified identification criteria.

14.0 Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable without qualification.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

					Analysis/Parameters	
Sample Identification	***Location***	***Matrix***	***Collection Date (mm/dd/yyyy)***	***Collection Time (hr:min)***	***TO 15***	***Comments***
SG-81618-102214-RR-002	VP-4	Soil Gas	10/22/2014	14:08:00	x	
SG-81618-102214-RR-003	VP-7	Soil Gas	10/22/2014	15:55:00	x	
SG-81618-102214-RR-004	VP-31	Soil Gas	10/22/2014	16:59:00	x	
SG-81618-102214-RR-001	Background	Soil Gas	10/23/2014	11:10:00	x	Background
SG-81618-102314-RR-005	VP-8	Soil Gas	10/23/2014	08:45:00	x	
SG-81618-102314-RR-006	VP-9	Soil Gas	10/23/2014	10:05:00	x	
SG-81618-102314-RR-007	VP-10	Soil Gas	10/23/2014	11:23:00	x	
SG-81618-102314-RR-008	VP-12	Soil Gas	10/23/2014	12:49:00	x	
SG-81618-102314-RR-009	VP-13	Soil Gas	10/23/2014	00:00:00	x	
SG-81618-111014-RR-002	VP-2	Soil Gas	11/10/2014	12:42:00	x	
SG-81618-111014-RR-001	VP-3	Soil Gas	11/10/2014	14:01:00	x	
SG-81618-111014-RR-004	VP-5	Soil Gas	11/10/2014	14:20:00	x	
SG-81618-111014-RR-003	VP-6	Soil Gas	11/10/2014	15:15:00	x	
SG-81618-111014-RR-005	VP-11	Soil Gas	11/10/2014	16:22:00	x	
SG-81618-111014-RR-006	VP-14	Soil Gas	11/10/2014	16:14:00	x	
SG-81618-111114-RR-007	Ambient Air	Soil Gas	11/11/2014	12:55:00	x	Ambient Air
SG-81618-111114-AB-008	VP-21	Soil Gas	11/11/2014	09:36:00	x	
SG-81618-111114-RR-009	VP-32	Soil Gas	11/11/2014	08:36:00	x	
SG-81618-111114-RR-013	VP-41	Soil Gas	11/11/2014	11:11:00	x	
SG-81618-111114-RR-011	VP-42	Soil Gas	11/11/2014	10:00:00	x	
SG-81618-111114-AB-012	VP-46	Soil Gas	11/11/2014	12:13:00	x	
SG-81618-111114-AB-010	VP-47	Soil Gas	11/11/2014	11:01:00	x	

Notes:

TO-15 - Toxic Organic Compounds in Air

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	*Ambient Air*	*Background*	*VP-2*	*VP-3*
	Sample ID:	*SG-81618-111114-RR-007*	*SG-81618-102214-RR-001*	*SG-81618-111014-RR-002*	*SG-81618-111014-RR-001*
	Sample Date:	*11/11/2014*	*10/23/2014*	*11/10/2014*	*11/10/2014*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,1,2,2-Tetrachloroethane	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,1,2-Trichloroethane	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,1-Dichloroethane	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,1-Dichloroethene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,2,4-Trichlorobenzene	ppbv	4.0 U	4.0 U	4.0 U	4.0 U
1,2,4-Trimethylbenzene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,2-Dichlorobenzene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,2-Dichloroethane	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,2-Dichloropropane	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,3,5-Trimethylbenzene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,3-Butadiene	ppbv	1.6 U	1.6 U	1.6 U	1.6 U
1,3-Dichlorobenzene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,4-Dichlorobenzene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
1,4-Dioxane	ppbv	2.0 U	2.0 U	2.0 U	2.0 U
2,2,4-Trimethylpentane	ppbv	1.6 U	1.6 U	1.6 U	1.6 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	4.0 U	4.0 U	4.0 U	4.0 U
2-Chlorotoluene	ppbv	1.6 U	1.6 U	1.6 U	1.6 U
2-Hexanone	ppbv	2.0 U	2.0 U	2.0 U	2.0 U
4-Ethyl toluene	ppbv	1.6 U	1.6 U	1.6 U	1.6 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	*Ambient Air*	*Background*	*VP-2*	*VP-3*
	Sample ID:	*SG-81618-111114-RR-007*	*SG-81618-102214-RR-001*	*SG-81618-111014-RR-002*	*SG-81618-111014-RR-001*
	Sample Date:	*11/11/2014*	*10/23/2014*	*11/10/2014*	*11/10/2014*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
Acetone	ppbv	20 U	20 U	20 U	20 U
Allyl chloride	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Benzene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Bromodichloromethane	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Bromoform	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Bromomethane (Methyl bromide)	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Carbon disulfide	ppbv	2.0 U	2.0 U	2.0 U	2.0 U
Carbon tetrachloride	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Chlorobenzene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Chloroethane	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Chloroform (Trichloromethane)	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Chloromethane (Methyl chloride)	ppbv	2.0 U	2.0 U	2.0 U	2.0 U
cis-1,2-Dichloroethene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
cis-1,3-Dichloropropene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Cyclohexane	ppbv	1.6 U	1.6 U	1.6 U	1.6 U
Dibromochloromethane	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Dichlorodifluoromethane (CFC-12)	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Ethylbenzene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Hexachlorobutadiene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Hexane	ppbv	2.0 U	2.0 U	2.0 U	2.0 U
Isopropyl alcohol	ppbv	8.0 U	8.0 U	8.0 U	8.0 U
m&p-Xylenes	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Methyl tert butyl ether (MTBE)	ppbv	4.0 U	4.0 U	4.0 U	4.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	*Ambient Air*	*Background*	*VP-2*	*VP-3*
	Sample ID:	*SG-81618-111114-RR-007*	*SG-81618-102214-RR-001*	*SG-81618-111014-RR-002*	*SG-81618-111014-RR-001*
	Sample Date:	*11/11/2014*	*10/23/2014*	*11/10/2014*	*11/10/2014*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
Methylene chloride	ppbv	2.0 U	2.0 U	2.0 U	2.0 U
N-Heptane	ppbv	1.6 U	1.6 U	1.6 U	1.6 U
o-Xylene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Styrene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
tert-Butyl alcohol	ppbv	8.0 U	8.0 U	8.0 U	8.0 U
Tetrachloroethene	ppbv	0.80 U	0.80 U	60	15
Tetrahydrofuran	ppbv	4.0 U	4.0 U	4.0 U	4.0 U
Toluene	ppbv	1.2 U	1.2 U	1.2 U	1.2 U
trans-1,2-Dichloroethene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
trans-1,3-Dichloropropene	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Trichloroethene	ppbv	0.40 U	0.40 U	2.0	0.40 U
Trichlorofluoromethane (CFC-11)	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Trifluorotrichloroethane (Freon 113)	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Vinyl bromide (Bromoethene)	ppbv	0.80 U	0.80 U	0.80 U	0.80 U
Vinyl chloride	ppbv	0.80 U	0.80 U	0.80 U	0.80 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	***VP-4***	***VP-5***	***VP-6***	***VP-7***
	Sample ID:	***SG-81618-102214-RR-002***	***SG-81618-111014-RR-004***	***SG-81618-111014-RR-003***	***SG-81618-102214-RR-003***
	Sample Date:	***10/22/2014***	***11/10/2014***	***11/10/2014***	***10/22/2014***
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,1,2,2-Tetrachloroethane	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,1,2-Trichloroethane	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,1-Dichloroethane	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,1-Dichloroethene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,2,4-Trichlorobenzene	ppbv	10 U	10 U	4.0 U	4.0 U
1,2,4-Trimethylbenzene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,2-Dichlorobenzene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,2-Dichloroethane	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,2-Dichloropropane	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,3,5-Trimethylbenzene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,3-Butadiene	ppbv	4.0 U	4.0 U	1.6 U	1.6 U
1,3-Dichlorobenzene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,4-Dichlorobenzene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
1,4-Dioxane	ppbv	5.0 U	5.0 U	2.0 U	2.0 U
2,2,4-Trimethylpentane	ppbv	4.0 U	4.0 U	1.6 U	1.6 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	10 U	10 U	4.0 U	55
2-Chlorotoluene	ppbv	4.0 U	4.0 U	1.6 U	1.6 U
2-Hexanone	ppbv	5.0 U	5.0 U	2.0 U	23
4-Ethyl toluene	ppbv	4.0 U	4.0 U	1.6 U	1.6 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	5.0 U	5.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	*VP-4*	*VP-5*	*VP-6*	*VP-7*
	Sample ID:	*SG-81618-102214-RR-002*	*SG-81618-111014-RR-004*	*SG-81618-111014-RR-003*	*SG-81618-102214-RR-003*
	Sample Date:	*10/22/2014*	*11/10/2014*	*11/10/2014*	*10/22/2014*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
Acetone	ppbv	50 U	50 U	22	160
Allyl chloride	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Benzene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Bromodichloromethane	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Bromoform	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Bromomethane (Methyl bromide)	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Carbon disulfide	ppbv	5.0 U	5.0 U	2.0 U	2.0 U
Carbon tetrachloride	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Chlorobenzene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Chloroethane	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Chloroform (Trichloromethane)	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Chloromethane (Methyl chloride)	ppbv	5.0 U	5.0 U	2.0 U	4.2
cis-1,2-Dichloroethene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
cis-1,3-Dichloropropene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Cyclohexane	ppbv	4.0 U	4.0 U	1.6 U	1.6 U
Dibromochloromethane	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Dichlorodifluoromethane (CFC-12)	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Ethylbenzene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Hexachlorobutadiene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Hexane	ppbv	5.0 U	5.0 U	2.0 U	2.0 U
Isopropyl alcohol	ppbv	20 U	20 U	8.0 U	8.0 U
m&p-Xylenes	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Methyl tert butyl ether (MTBE)	ppbv	10 U	10 U	4.0 U	4.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	*VP-4*	*VP-5*	*VP-6*	*VP-7*
	Sample ID:	*SG-81618-102214-RR-002*	*SG-81618-111014-RR-004*	*SG-81618-111014-RR-003*	*SG-81618-102214-RR-003*
	Sample Date:	*10/22/2014*	*11/10/2014*	*11/10/2014*	*10/22/2014*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
Methylene chloride	ppbv	5.0 U	5.0 U	2.0 U	2.0 U
N-Heptane	ppbv	4.0 U	4.0 U	1.6 U	1.6 U
o-Xylene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Styrene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
tert-Butyl alcohol	ppbv	20 U	20 U	8.0 U	8.0 U
Tetrachloroethene	ppbv	320	140	58	88
Tetrahydrofuran	ppbv	10 U	10 U	4.0 U	4.0 U
Toluene	ppbv	3.0 U	3.0 U	1.2 U	1.2 U
trans-1,2-Dichloroethene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
trans-1,3-Dichloropropene	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Trichloroethene	ppbv	4.8	1.8	0.63	0.40 U
Trichlorofluoromethane (CFC-11)	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Trifluorotrichloroethane (Freon 113)	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Vinyl bromide (Bromoethene)	ppbv	2.0 U	2.0 U	0.80 U	0.80 U
Vinyl chloride	ppbv	2.0 U	2.0 U	0.80 U	0.80 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	***VP-8***	***VP-9***	***VP-10***	***VP-11***
	Sample ID:	***SG-81618-102314-RR-005***	***SG-81618-102314-RR-006***	***SG-81618-102314-RR-007***	***SG-81618-111014-RR-005***
	Sample Date:	***10/23/2014***	***10/23/2014***	***10/23/2014***	***11/10/2014***
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,1,2,2-Tetrachloroethane	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,1,2-Trichloroethane	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,1-Dichloroethane	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,1-Dichloroethene	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,2,4-Trichlorobenzene	ppbv	4.0 U	4.0 U	4.0 U	170 U
1,2,4-Trimethylbenzene	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,2-Dichlorobenzene	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,2-Dichloroethane	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,2-Dichloropropane	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,3,5-Trimethylbenzene	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,3-Butadiene	ppbv	1.6 U	1.6 U	1.6 U	70 U
1,3-Dichlorobenzene	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,4-Dichlorobenzene	ppbv	0.80 U	0.80 U	0.80 U	35 U
1,4-Dioxane	ppbv	2.0 U	2.0 U	2.0 U	87 U
2,2,4-Trimethylpentane	ppbv	1.6 U	1.6 U	1.6 U	70 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	4.0 U	4.0 U	4.0 U	170 U
2-Chlorotoluene	ppbv	1.6 U	1.6 U	1.6 U	70 U
2-Hexanone	ppbv	2.0 U	2.0 U	2.0 U	87 U
4-Ethyl toluene	ppbv	1.6 U	1.6 U	1.6 U	70 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	2.0 U	2.0 U	2.0 U	87 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	***VP-8***	***VP-9***	***VP-10***	***VP-11***
	Sample ID:	***SG-81618-102314-RR-005***	***SG-81618-102314-RR-006***	***SG-81618-102314-RR-007***	***SG-81618-111014-RR-005***
	Sample Date:	***10/23/2014***	***10/23/2014***	***10/23/2014***	***11/10/2014***
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
Acetone	ppbv	20 U	20 U	20 U	870 U
Allyl chloride	ppbv	0.80 U	0.80 U	0.80 U	35 U
Benzene	ppbv	0.80 U	0.80 U	0.80 U	35 U
Bromodichloromethane	ppbv	0.80 U	0.80 U	0.80 U	35 U
Bromoform	ppbv	0.80 U	0.80 U	0.80 U	35 U
Bromomethane (Methyl bromide)	ppbv	0.80 U	0.80 U	0.80 U	35 U
Carbon disulfide	ppbv	2.0 U	2.0 U	2.0 U	87 U
Carbon tetrachloride	ppbv	0.80 U	0.80 U	0.80 U	35 U
Chlorobenzene	ppbv	0.80 U	0.80 U	0.80 U	35 U
Chloroethane	ppbv	0.80 U	0.80 U	0.80 U	35 U
Chloroform (Trichloromethane)	ppbv	0.80 U	0.80 U	0.80 U	35 U
Chloromethane (Methyl chloride)	ppbv	2.0 U	2.0 U	2.0 U	87 U
cis-1,2-Dichloroethene	ppbv	0.80 U	0.80 U	0.80 U	140
cis-1,3-Dichloropropene	ppbv	0.80 U	0.80 U	0.80 U	35 U
Cyclohexane	ppbv	1.6 U	1.6 U	1.6 U	70 U
Dibromochloromethane	ppbv	0.80 U	0.80 U	0.80 U	35 U
Dichlorodifluoromethane (CFC-12)	ppbv	0.80 U	0.80 U	0.80 U	35 U
Ethylbenzene	ppbv	0.80 U	0.80 U	0.80 U	35 U
Hexachlorobutadiene	ppbv	0.80 U	0.80 U	0.80 U	35 U
Hexane	ppbv	2.0 U	2.0 U	2.0 U	87 U
Isopropyl alcohol	ppbv	8.0 U	8.0 U	8.0 U	350 U
m&p-Xylenes	ppbv	0.80 U	0.80 U	0.80 U	35 U
Methyl tert butyl ether (MTBE)	ppbv	4.0 U	4.0 U	4.0 U	170 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	*VP-8*	*VP-9*	*VP-10*	*VP-11*
	Sample ID:	*SG-81618-102314-RR-005*	*SG-81618-102314-RR-006*	*SG-81618-102314-RR-007*	*SG-81618-111014-RR-005*
	Sample Date:	*10/23/2014*	*10/23/2014*	*10/23/2014*	*11/10/2014*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
Methylene chloride	ppbv	2.0 U	2.0 U	2.0 U	87 U
N-Heptane	ppbv	1.6 U	1.6 U	1.6 U	70 U
o-Xylene	ppbv	0.80 U	0.80 U	0.80 U	35 U
Styrene	ppbv	0.80 U	0.80 U	0.80 U	35 U
tert-Butyl alcohol	ppbv	8.0 U	8.0 U	8.0 U	350 U
Tetrachloroethene	ppbv	34	140	160	4100
Tetrahydrofuran	ppbv	4.0 U	4.0 U	4.0 U	170 U
Toluene	ppbv	1.2 U	1.2 U	1.2 U	52 U
trans-1,2-Dichloroethene	ppbv	0.80 U	0.80 U	0.80 U	35 U
trans-1,3-Dichloropropene	ppbv	0.80 U	0.80 U	0.80 U	35 U
Trichloroethene	ppbv	0.40 U	0.40 U	0.63	330
Trichlorofluoromethane (CFC-11)	ppbv	0.80 U	0.80 U	0.80 U	35 U
Trifluorotrichloroethane (Freon 113)	ppbv	0.80 U	0.80 U	0.80 U	35 U
Vinyl bromide (Bromoethene)	ppbv	0.80 U	0.80 U	0.80 U	35 U
Vinyl chloride	ppbv	0.80 U	0.80 U	0.80 U	35 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	*VP-12*	*VP-13*	*VP-14*	*VP-21*
	Sample ID:	*SG-81618-102314-RR-008*	*SG-81618-102314-RR-009*	*SG-81618-111014-RR-006*	*SG-81618-111114-AB-008*
	Sample Date:	*10/23/2014*	*10/23/2014*	*11/10/2014*	*11/11/2014*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,1,2,2-Tetrachloroethane	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,1,2-Trichloroethane	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,1-Dichloroethane	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,1-Dichloroethene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,2,4-Trichlorobenzene	ppbv	10 U	4.0 U	4.0 U	18 U
1,2,4-Trimethylbenzene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,2-Dichlorobenzene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,2-Dichloroethane	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,2-Dichloropropane	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,3,5-Trimethylbenzene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,3-Butadiene	ppbv	4.0 U	1.6 U	1.6 U	7.3 U
1,3-Dichlorobenzene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,4-Dichlorobenzene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
1,4-Dioxane	ppbv	5.0 U	2.0 U	2.0 U	9.1 U
2,2,4-Trimethylpentane	ppbv	4.0 U	1.6 U	1.6 U	7.3 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	10 U	4.0 U	4.0 U	18 U
2-Chlorotoluene	ppbv	4.0 U	1.6 U	1.6 U	7.3 U
2-Hexanone	ppbv	5.0 U	2.0 U	2.0 U	9.1 U
4-Ethyl toluene	ppbv	4.0 U	1.6 U	1.6 U	7.3 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	5.0 U	2.0 U	2.0 U	9.1 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	*VP-12*	*VP-13*	*VP-14*	*VP-21*
	Sample ID:	*SG-81618-102314-RR-008*	*SG-81618-102314-RR-009*	*SG-81618-111014-RR-006*	*SG-81618-111114-AB-008*
	Sample Date:	*10/23/2014*	*10/23/2014*	*11/10/2014*	*11/11/2014*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
Acetone	ppbv	50 U	20 U	20 U	91 U
Allyl chloride	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Benzene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Bromodichloromethane	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Bromoform	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Bromomethane (Methyl bromide)	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Carbon disulfide	ppbv	5.0 U	2.0 U	2.0 U	9.1 U
Carbon tetrachloride	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Chlorobenzene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Chloroethane	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Chloroform (Trichloromethane)	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Chloromethane (Methyl chloride)	ppbv	5.0 U	2.0 U	2.0 U	9.1 U
cis-1,2-Dichloroethene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
cis-1,3-Dichloropropene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Cyclohexane	ppbv	4.0 U	1.6 U	1.6 U	7.3 U
Dibromochloromethane	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Dichlorodifluoromethane (CFC-12)	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Ethylbenzene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Hexachlorobutadiene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Hexane	ppbv	5.0 U	2.0 U	2.0 U	9.1 U
Isopropyl alcohol	ppbv	20 U	8.0 U	8.0 U	36 U
m&p-Xylenes	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Methyl tert butyl ether (MTBE)	ppbv	10 U	4.0 U	4.0 U	18 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	***VP-12***	***VP-13***	***VP-14***	***VP-21***
	Sample ID:	***SG-81618-102314-RR-008***	***SG-81618-102314-RR-009***	***SG-81618-111014-RR-006***	***SG-81618-111114-AB-008***
	Sample Date:	***10/23/2014***	***10/23/2014***	***11/10/2014***	***11/11/2014***
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
Methylene chloride	ppbv	5.0 U	2.0 U	2.0 U	9.1 U
N-Heptane	ppbv	4.0 U	1.6 U	1.6 U	7.3 U
o-Xylene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Styrene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
tert-Butyl alcohol	ppbv	20 U	8.0 U	8.0 U	36 U
Tetrachloroethene	ppbv	250	25	48	390
Tetrahydrofuran	ppbv	10 U	4.0 U	4.0 U	18 U
Toluene	ppbv	3.0 U	1.2 U	1.2 U	5.5 U
trans-1,2-Dichloroethene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
trans-1,3-Dichloropropene	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Trichloroethene	ppbv	11	0.40 U	5.7	1.8 U
Trichlorofluoromethane (CFC-11)	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Trifluorotrichloroethane (Freon 113)	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Vinyl bromide (Bromoethene)	ppbv	2.0 U	0.80 U	0.80 U	3.6 U
Vinyl chloride	ppbv	2.0 U	0.80 U	0.80 U	3.6 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	***VP-31***	***VP-32***	***VP-41***
	Sample ID:	***SG-81618-102214-RR-004***	***SG-81618-111114-RR-009***	***SG-81618-111114-RR-013***
	Sample Date:	***10/22/2014***	***11/11/2014***	***11/11/2014***
Parameters	***Units***			
Volatile Organic Compounds				
1,1,1-Trichloroethane	ppbv	1.6 U	120 U	3.6 U
1,1,2,2-Tetrachloroethane	ppbv	1.6 U	120 U	3.6 U
1,1,2-Trichloroethane	ppbv	1.6 U	120 U	3.6 U
1,1-Dichloroethane	ppbv	1.6 U	120 U	3.6 U
1,1-Dichloroethene	ppbv	1.6 U	120 U	3.6 U
1,2,4-Trichlorobenzene	ppbv	8.0 U	580 U	18 U
1,2,4-Trimethylbenzene	ppbv	1.6 U	120 U	3.6 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	1.6 U	120 U	3.6 U
1,2-Dichlorobenzene	ppbv	1.6 U	120 U	3.6 U
1,2-Dichloroethane	ppbv	1.6 U	120 U	3.6 U
1,2-Dichloropropane	ppbv	1.6 U	120 U	3.6 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppbv	1.6 U	120 U	3.6 U
1,3,5-Trimethylbenzene	ppbv	1.6 U	120 U	3.6 U
1,3-Butadiene	ppbv	3.2 U	230 U	7.3 U
1,3-Dichlorobenzene	ppbv	1.6 U	120 U	3.6 U
1,4-Dichlorobenzene	ppbv	1.6 U	120 U	3.6 U
1,4-Dioxane	ppbv	4.0 U	290 U	9.1 U
2,2,4-Trimethylpentane	ppbv	3.2 U	230 U	7.3 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	8.0 U	580 U	18 U
2-Chlorotoluene	ppbv	3.2 U	230 U	7.3 U
2-Hexanone	ppbv	4.0 U	290 U	9.1 U
4-Ethyl toluene	ppbv	3.2 U	230 U	7.3 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	4.0 U	290 U	9.1 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	***VP-31***	***VP-32***	***VP-41***
	Sample ID:	***SG-81618-102214-RR-004***	***SG-81618-111114-RR-009***	***SG-81618-111114-RR-013***
	Sample Date:	***10/22/2014***	***11/11/2014***	***11/11/2014***
Parameters	***Units***			
Volatile Organic Compounds (Continued)				
Acetone	ppbv	40 U	2900 U	91 U
Allyl chloride	ppbv	1.6 U	120 U	3.6 U
Benzene	ppbv	1.6 U	120 U	3.6 U
Bromodichloromethane	ppbv	1.6 U	120 U	3.6 U
Bromoform	ppbv	1.6 U	120 U	3.6 U
Bromomethane (Methyl bromide)	ppbv	1.6 U	120 U	3.6 U
Carbon disulfide	ppbv	4.0 U	290 U	9.1 U
Carbon tetrachloride	ppbv	1.6 U	120 U	3.6 U
Chlorobenzene	ppbv	1.6 U	120 U	3.6 U
Chloroethane	ppbv	1.6 U	120 U	3.6 U
Chloroform (Trichloromethane)	ppbv	1.6 U	120 U	3.6 U
Chloromethane (Methyl chloride)	ppbv	4.0 U	290 U	9.1 U
cis-1,2-Dichloroethene	ppbv	1.6 U	510	3.6 U
cis-1,3-Dichloropropene	ppbv	1.6 U	120 U	3.6 U
Cyclohexane	ppbv	3.2 U	230 U	7.3 U
Dibromochloromethane	ppbv	1.6 U	120 U	3.6 U
Dichlorodifluoromethane (CFC-12)	ppbv	1.6 U	120 U	3.6 U
Ethylbenzene	ppbv	1.6 U	120 U	3.6 U
Hexachlorobutadiene	ppbv	1.6 U	120 U	3.6 U
Hexane	ppbv	4.0 U	290 U	9.1 U
Isopropyl alcohol	ppbv	16 U	1200 U	36 U
m&p-Xylenes	ppbv	1.6 U	120 U	3.6 U
Methyl tert butyl ether (MTBE)	ppbv	8.0 U	580 U	18 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	***VP-31***	***VP-32***	***VP-41***
	Sample ID:	***SG-81618-102214-RR-004***	***SG-81618-111114-RR-009***	***SG-81618-111114-RR-013***
	Sample Date:	***10/22/2014***	***11/11/2014***	***11/11/2014***
Parameters	***Units***			
Volatile Organic Compounds (Continued)				
Methylene chloride	ppbv	4.0 U	290 U	9.1 U
N-Heptane	ppbv	3.2 U	230 U	7.3 U
o-Xylene	ppbv	1.6 U	120 U	3.6 U
Styrene	ppbv	1.6 U	120 U	3.6 U
tert-Butyl alcohol	ppbv	16 U	1200 U	36 U
Tetrachloroethene	ppbv	250	10000	320
Tetrahydrofuran	ppbv	8.0 U	580 U	18 U
Toluene	ppbv	2.4 U	170 U	5.5 U
trans-1,2-Dichloroethene	ppbv	1.6 U	120 U	3.6 U
trans-1,3-Dichloropropene	ppbv	1.6 U	120 U	3.6 U
Trichloroethene	ppbv	0.80 U	900	9.5
Trichlorofluoromethane (CFC-11)	ppbv	1.6 U	120 U	3.6 U
Trifluorotrichloroethane (Freon 113)	ppbv	1.6 U	120 U	3.6 U
Vinyl bromide (Bromoethene)	ppbv	1.6 U	120 U	3.6 U
Vinyl chloride	ppbv	1.6 U	120 U	3.6 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	***VP-42***	***VP-46***	***VP-47***
	Sample ID:	***SG-81618-111114-RR-011***	***SG-81618-111114-AB-012***	***SG-81618-111114-AB-010***
	Sample Date:	***11/11/2014***	***11/11/2014***	***11/11/2014***
Parameters	***Units***			
Volatile Organic Compounds				
1,1,1-Trichloroethane	ppbv	3.6 U	0.80 U	1.3
1,1,2,2-Tetrachloroethane	ppbv	3.6 U	0.80 U	0.80 U
1,1,2-Trichloroethane	ppbv	3.6 U	0.80 U	0.80 U
1,1-Dichloroethane	ppbv	3.6 U	0.80 U	0.80 U
1,1-Dichloroethene	ppbv	3.6 U	0.80 U	0.80 U
1,2,4-Trichlorobenzene	ppbv	18 U	4.0 U	4.0 U
1,2,4-Trimethylbenzene	ppbv	3.6 U	0.80 U	0.80 U
1,2-Dibromoethane (Ethylene dibromide)	ppbv	3.6 U	0.80 U	0.80 U
1,2-Dichlorobenzene	ppbv	3.6 U	0.80 U	0.80 U
1,2-Dichloroethane	ppbv	3.6 U	0.80 U	0.80 U
1,2-Dichloropropane	ppbv	3.6 U	0.80 U	0.80 U
1,2-Dichlorotetrafluoroethane (CFC 114)	ppbv	3.6 U	0.80 U	0.80 U
1,3,5-Trimethylbenzene	ppbv	3.6 U	0.80 U	0.80 U
1,3-Butadiene	ppbv	7.1 U	1.6 U	1.6 U
1,3-Dichlorobenzene	ppbv	3.6 U	0.80 U	0.80 U
1,4-Dichlorobenzene	ppbv	3.6 U	0.80 U	0.80 U
1,4-Dioxane	ppbv	8.9 U	2.0 U	2.0 U
2,2,4-Trimethylpentane	ppbv	7.1 U	1.6 U	1.6 U
2-Butanone (Methyl ethyl ketone) (MEK)	ppbv	18 U	4.0 U	4.0 U
2-Chlorotoluene	ppbv	7.1 U	1.6 U	1.6 U
2-Hexanone	ppbv	8.9 U	2.0 U	2.0 U
4-Ethyl toluene	ppbv	7.1 U	1.6 U	1.6 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ppbv	8.9 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	*VP-42*	*VP-46*	*VP-47*
	Sample ID:	*SG-81618-111114-RR-011*	*SG-81618-111114-AB-012*	*SG-81618-111114-AB-010*
	Sample Date:	*11/11/2014*	*11/11/2014*	*11/11/2014*
Parameters	***Units***			
Volatile Organic Compounds (Continued)				
Acetone	ppbv	89 U	20 U	20 U
Allyl chloride	ppbv	3.6 U	0.80 U	0.80 U
Benzene	ppbv	3.6 U	0.80 U	0.80 U
Bromodichloromethane	ppbv	3.6 U	0.80 U	0.80 U
Bromoform	ppbv	3.6 U	0.80 U	0.80 U
Bromomethane (Methyl bromide)	ppbv	3.6 U	0.80 U	0.80 U
Carbon disulfide	ppbv	8.9 U	4.9	10
Carbon tetrachloride	ppbv	3.6 U	1.0	0.80 U
Chlorobenzene	ppbv	3.6 U	0.80 U	0.80 U
Chloroethane	ppbv	3.6 U	0.80 U	0.80 U
Chloroform (Trichloromethane)	ppbv	3.6 U	0.80 U	0.80 U
Chloromethane (Methyl chloride)	ppbv	8.9 U	2.0 U	2.0 U
cis-1,2-Dichloroethene	ppbv	3.6 U	0.80 U	0.80 U
cis-1,3-Dichloropropene	ppbv	3.6 U	0.80 U	0.80 U
Cyclohexane	ppbv	7.1 U	1.6 U	1.6 U
Dibromochloromethane	ppbv	3.6 U	0.80 U	0.80 U
Dichlorodifluoromethane (CFC-12)	ppbv	3.6 U	0.80 U	0.85
Ethylbenzene	ppbv	3.6 U	0.80 U	0.80 U
Hexachlorobutadiene	ppbv	3.6 U	0.80 U	0.80 U
Hexane	ppbv	8.9 U	2.0 U	2.0 U
Isopropyl alcohol	ppbv	36 U	8.0 U	8.0 U
m&p-Xylenes	ppbv	3.6 U	0.91	0.80 U
Methyl tert butyl ether (MTBE)	ppbv	18 U	4.0 U	4.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

	Sample Location:	*VP-42*	*VP-46*	*VP-47*
	Sample ID:	*SG-81618-111114-RR-011*	*SG-81618-111114-AB-012*	*SG-81618-111114-AB-010*
	Sample Date:	*11/11/2014*	*11/11/2014*	*11/11/2014*
Parameters	***Units***			
Volatile Organic Compounds (Continued)				
Methylene chloride	ppbv	8.9 U	2.0 U	2.0 U
N-Heptane	ppbv	7.1 U	1.6 U	1.6 U
o-Xylene	ppbv	3.6 U	0.80 U	0.80 U
Styrene	ppbv	3.6 U	0.80 U	0.80 U
tert-Butyl alcohol	ppbv	36 U	8.0 U	8.0 U
Tetrachloroethene	ppbv	430	78	19
Tetrahydrofuran	ppbv	18 U	4.0 U	4.0 U
Toluene	ppbv	5.3 U	1.2 U	1.2 U
trans-1,2-Dichloroethene	ppbv	3.6 U	0.80 U	0.80 U
trans-1,3-Dichloropropene	ppbv	3.6 U	0.80 U	0.80 U
Trichloroethene	ppbv	13	1.4	4.9
Trichlorofluoromethane (CFC-11)	ppbv	3.6 U	0.80 U	0.80 U
Trifluorotrichloroethane (Freon 113)	ppbv	3.6 U	0.80 U	0.80 U
Vinyl bromide (Bromoethene)	ppbv	3.6 U	0.80 U	0.80 U
Vinyl chloride	ppbv	3.6 U	0.80 U	0.80 U

Notes:

U - Not detected at the associated reporting limit.

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
SOIL VAPOR INVESTIGATION
GLENN SPRINGS HOLDINGS, INC.
HICKSVILLE, NEW YORK
OCTOBER - NOVEMBER 2014

Parameter	*Method*	*Matrix*	*Holding Time*	
			Collection to Extraction (Days)	*Collection or Extraction to Analysis (Days)*
VOC	TO-15 [1]	Soil gas	-	14

Notes

[1] - "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999
VOC - Volatile Organic Compound