ROSS ENVIRONMENTAL ASSOCIATES, INC.

Hydrogeology, Water Quality, GIS Planning, Remediation,
Contaminant Fate & Transport, Regulatory Compliance and
Permitting, Environmental Site Assessments, and Radon Sampling

9 January 2018

Mr. Andrew Meyer
1781 Group, LLC.
andrew@vermontnaturalcoatings.com

RE: *Septic Tank and Soil Sampling & Analysis*
Former Greensboro Garage/Yellow Barn – 281 VT Route 15 – Hardwick, Vermont

Dear Mr. Meyer:

In September 2017, Ross Environmental Associates, Inc. (***R.E.A.***) completed a Phase I Environmental Site Assessment (ESA) at 281 VT Route 15 (subject property) in Hardwick, Vermont (**Figure 1**, Attachment A). During the site visit, the threat of a historical release was identified based on the historical site use of the property (automotive garage, auto body, heavy equipment maintenance repair) and the presence of a floor drain and slop sink on the property, which were identified as "Recognized Environmental Conditions (RECs)". Based on this information, ***R.E.A.*** recommended the collection and laboratory analysis of samples from the outfall of the floor drain, soil samples from exploratory test pits and an effluent sample from the former septic tank. All work was conducted in accordance with industry standards and Vermont Department of Environmental Conservation (VT DEC) guidelines.

The approximate sample locations are shown on **Figure 2**, the tabulated laboratory analytical results (**Tables 1, 2 & 3)** are included in Attachment A, photographs taken during the site visit are included in Attachment B; and the laboratory reports are included in Attachment C.

Summary of Findings

- No volatile organic compounds (VOCs) were detected in the septic tank or any of the soil samples, except for low concentrations of methylene chloride in two of the soil samples [TP-4 at 130 micrograms per kilogram (µg/Kg) and TP-5 at 54 mg/Kg]. Methylene chloride is a common component of automotive products, but is also a common solvent used by laboratories. The presence of methylene chloride without the detection of other VOCs is not indicative of an environmental release. The laboratory results for VOCs are summarized on **Table 1.**

- No polychlorinated biphenyls (PCBs) were detected in the sample collected from the septic tank or soil sample collected near the floor drain outfall. The laboratory results for PCBs are summarized on **Table 2.**

- Arsenic, cadmium, chromium, lead and mercury were detected in the septic tank sample at concentrations of 14, 22, 41.2, 200 and 0.325 micrograms per liter (µg/L), respectively. The septic tank effluent results were compared to the Vermont Groundwater Enforcement Standards (VGESs). Based on this comparison, the VGESs for arsenic, cadmium and lead were exceeded in the septic tank sample; however, there is no Vermont standard for septic tank effluent. The laboratory results for the effluent sample are summarized on **Table 3**.

- Arsenic was detected at 15.3 milligrams per kilogram (mg/Kg in the soil sample collected near the floor drain outfall (Outfall), which is above the US EPA soil screening value (SSV) for arsenic in an industrial setting. However, the arsenic concentration is below the value established for background concentrations in Vermont. Lead was detected at 44.6 mg/Kg, which is above the Vermont background level for a rural setting but below the Vermont background level for an urban setting. Barium, and chromium were also detected in the soil sample collected near the floor drain outfall (Outfall), but at concentrations below the corresponding SSVs for an industrial setting. The laboratory data for soil metal results are summarized on **Table 3**.
- PID readings on soil samples collected during the test pit excavation were all 0.0 parts per million (ppm). In addition, no unusual odors or staining were observed in any of the test pits or near the floor drain outfall.

Conclusions and Recommendations

No Vermont action levels or standards were exceeded for the septic tank effluent or soil samples collected during this assessment. The concentrations of arsenic, cadmium and lead detected in the septic tank sample did exceed the VGESs; however, there is no standard for septic tank effluent. The absence of VOCs and PCBs in the septic tank sample suggests the former septic system was not a significant threat to the subsurface environment. Based on these sample results and field observations, no further work is recommended at this time.

Field Investigation

On 16 October 2017, ***R.E.A.*** personnel collected a liquid sample (tank) from the former septic tank located on the west side of the building. In addition, one soil sample was collected from the area of the floor drain outfall (Outfall) and one soil sample was collected beneath the floor drain pipe where it exited the building (SS-1).

Five exploratory test pits (TP-1 through TP-5) were completed on the property in the vicinity of the former dry well and septic tank. Soil consisted primarily of brown fine to medium sand to a depth of four feet below grade. Soil samples for laboratory analysis were collected from test pits TP-2, TP-4 and TP-5. Soil samples from the test pits were screened for the possible presence of VOCs with a photo-ionization detector (PID). PID readings on all soil samples were 0.0 parts per million (ppm) and no unusual odors or staining were observed. A summary of the PID readings and field observations for each sample location is included on **Table 1**.

The septic tank sample was collected using a clean polyethylene tubing and a peristaltic pump, which was used to fill the appropriate sample containers. The effluent sample was analyzed for the possible presence of VOCs in accordance with EPA Method 8260, PCBs, and RCRA 8 metals. All of the soil samples were analyzed for the possible presence of volatile organic compounds (VOCs) in accordance with EPA Method 8260. In addition, the soil sample collected near the floor drain outfall (Outfall) was analyzed for the possible presence of PCBs and RCRA 8 metals. The samples were transported in an ice-filled cooler under chain-of-custody to AMRO Environmental Laboratories of Merrimack, New Hampshire for laboratory analysis.

Limitations

The work was undertaken to assess environmental conditions specifically on the subject property in accordance with generally accepted engineering and hydrogeological practices. No other warranty, express or implied, is made. Absolute assurance that any and all possible contamination at the site was identified cannot be provided. In addition, no lead paint assessment, mold testing, asbestos survey, or radon testing was completed as part of this assessment.

The report conclusions are based, in part, on information provided by the client, their agents, or third parties, including state or local officials. ***R.E.A***. assumes no responsibility for the accuracy and completeness of the information. Where visual observations are included in the report, they represent conditions at the time of the inspection, and may not be indicative of past or future site conditions.

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Please call me if you have any questions or comments regarding this report.

Sincerely,

Ross Environmental Associates, Inc.

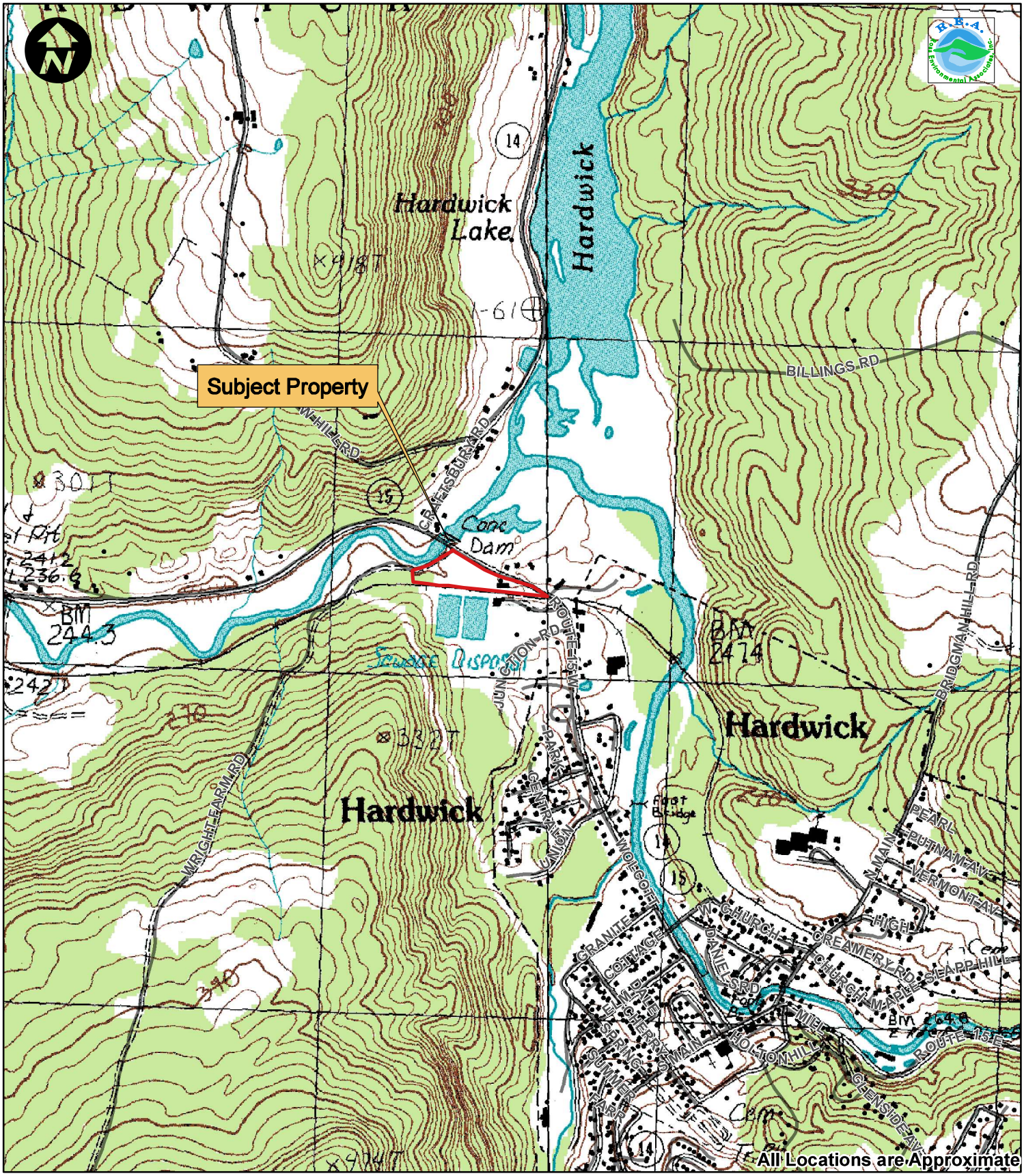
Robert J. Ross, CGWP
Principal Hydrogeologist

Attachments:

Rjr/Ref: 37085Phase II.Data

ATTACHMENT A

SITE FIGURES AND TABLES

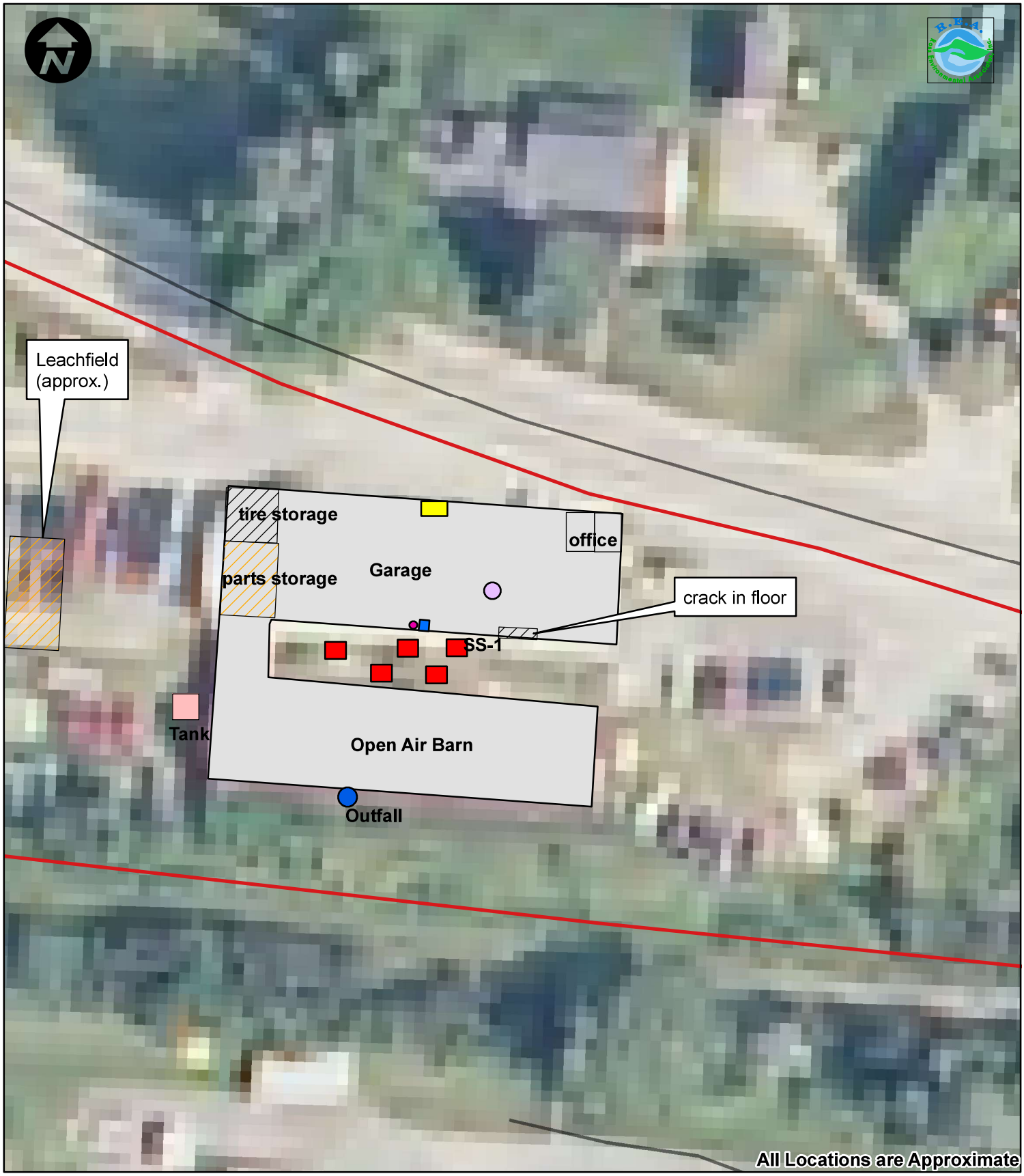


Site Coordinates: N 44º 30' 58" W 72º 22' 41" (NAD83)

Subject Property

USGS: Wolcott, Vermont Quadrangle, 1:24,000, 1986

Figure 1
USGS Map
281 VT Route 15
Wolcott, Vermont



Site Coordinates: N 44º 30' 58" W 72º 22' 41" (NAD83)

Subject Property

Test Pit

Septic Tank

Floor Drain

275-gal. AST

Slop Sink

Cleanout

Imagery: 2009 NAIP

Figure 2
Sample Locations
281 VT Route 15
Wolcott, Vermont

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS (VOCs)

281 VT Route 281
Hardwick, Vermont
Monitoring Date: 16 October 2017

Analyte	VT DEC - Soil Screening Values (SSVs)		VDH - Cleanup Criteria	outfall	SS-1	TP-2	TP-4	TP-5	VGES	tank
	Residential Soil	Industrial Soil	---	soil	soil	soil	soil	soil	--	effluent
Volatile Organic Compounds - 8260 (ug/Kg, dry)										ug/L
Tetrachloroethene (PCE)	24,000	100,000	1,570	ND<51	ND<51	ND<63	ND<42	ND<52	5.0	ND<200
Trichloroethene (TCE)	940	6,000	471	ND<51	ND<51	ND<63	ND<42	ND<52	5.0	ND<200
Benzene	1,200	5,100	471.000	ND<25	ND<25	ND<32	ND<21	ND<26	5.000	ND<200
MtBE	47,000	210,000	647,000	ND<25	ND<25	ND<32	ND<21	ND<26	40	ND<200
Toluene	4,900,000	47,000,000	--	ND<25	ND<25	ND<32	ND<21	ND<26	700	ND<200
ethylbenzene	5,800	25,000	--	ND<25	ND<25	ND<32	ND<21	ND<26	1,000	ND<200
1,3,5-trimethylbenzene	270,000	1,500,000	35,100	ND<25	ND<25	ND<32	ND<21	ND<26	350	ND<200
1,2,4-trimethylbenzene	300,000	1,800,000	41,600	ND<25	ND<25	ND<32	ND<21	ND<26		ND<200
total xylenes	580,000	2,500,000	--	ND<51	ND<51	ND<63	ND<42	ND<52	10,000	ND<40
naphthalene	3,800	17,000	1,530	ND<51	ND<51	ND<63	ND<42	ND<52	20	ND<500
methylene chloride	57,000	1,000,000	--	ND<51	ND<51	ND<63	130	54	5.0	ND<500
Field Screening										
PID (ppmv)	VT DEC action level*			0.0	0.0	0.0	0.0	0.0	---	0.0

Notes:

VT DEC Soil Screening Values (SSVs) - IROCP, April 2012. May 2016. Values reported as indicated in ug/Kg.
VDH - Vermont Department of Health.
VGES - Vermont Groundwater Enforcement Standard
ND: Not detected above indicated detection limit. "---" sample not analyzed for parameter.
*VT DEC Action Level for PID field screening - 10 ppmv for gasoline and 20 ppmv for diesel/fuel oil
PID: Photo-ionization detector (IonScience PhoCheck Tiger). ppm: parts-per-million

TABLE 2
SUMMARY OF ANALYTICAL RESULTS (PCBs)

281 VT Route 281
Hardwick, Vermont
Monitoring Date: 16 October 2017

Polychlorinated biphenyls (PCBs)	VT DEC Soil Screening Values (SSVs) (values in mg/Kg)		VDH - Cleanup Criteria	outfall	VGES	tank
	Residential Soils	Industrial Soils	---	soil mg/Kg	---	effluent ug/L
Aroclor 1016	**4.1**	**2.7**	--	ND<0.030	--	ND<0.5
Aroclor 1221	**0.20**	**0.83**	--	ND<0.030	--	ND<0.5
Aroclor 1232	**0.17**	**0.72**	--	ND<0.030	--	ND<0.5
Aroclor 1242	**0.23**	**0.95**	--	ND<0.030	--	ND<0.5
Aroclor 1248	**0.23**	**0.95**	--	ND<0.030	--	ND<0.5
Aroclor 1254	**0.24**	**0.97**	--	ND<0.030	--	ND<0.5
Aroclor 1260	**0.24**	**0.99**	--	ND<0.030	--	ND<0.5
Total PCBs	--	--	--	**ND<0.030**	**0.5**	**ND<0.5**

Notes:
All soil results reported as micrograms per kilogram (ug/Kg), unless indicated otherwise.
VT DEC Soil Screening Values (SSVs) - IROCP, April 2012, updated in November 2017.
VDH - Vermont Department of Health
VGES - Vermont Groundwater Enforcement Standard
ND: Not detected at indicated detection limit.
Areas shaded are exceedences of the SSV and/or VDH Cleanup Criteria

TABLE 3
SUMMARY OF ANALYTICAL RESULTS (Metals)

281 VT Route 281
Hardwick, Vermont
Monitoring Date: 16 October 2017

RCRA 8 Metals	VT DEC - Soil Screening Values (SSVs) (Values in mg/Kg)		VDH - Cleanup Criteria	VT background concentrations	outfall	VGES	tank
	Residential soil	Industrial soil	---	rural / urban	mg/Kg	---	(ug/L)
Arsenic	0.68	3.00	--	16	15.3	10	14
Barium	15,000	22,000	--	---	69.0	2,000	ND <200
Cadmium	71	980	65.6	---	ND<0.746	5.0	22
Chromium	---	---	34,500	---	41.5	100	41.2
Lead	400	800	--	41 / 111	44.6	15	200
Mercury	11	46	--	---	ND<0.0401	2.0	0.325
Selenium	390	5,800	--	---	ND<1.5	50	ND<5.0
Silver	390	5,800	--	---	ND<2.09	--	ND<7.0

Notes:
All soil results reported as milligrams per kilogram (mg/Kg), unless indicated otherwise.
VT DEC Soil Screening Values (SSVs) - IROCP, April 2012, updated in November 2017.
VDH - Vermont Department of Health
VGES - Vermont Groundwater Enforcement Standard
ND: Not detected at indicated detection limit.
Areas shaded are exceedences of the SSV and/or VDH Cleanup Criteria
mg/Kg - milligrams per kilogram

ATTACHMENT B

SITE PHOTOGRAPHS

Photograph 1. Area of former septic tank and test pit excavation - View to the west.

Photograph 2. Floor drain pipe exiting building. Approximate location of sample SS-1.

Photograph 3. Area of test pit excavation.

Photograph 4. Top of former septic tank.

Photograph 5. Area of test pitting on the western side of building near the former septic tank.

Photograph 6. Area of test pitting on the western side of building – View to the east.

LABORATORY ANALYTICAL REPORT

ATTACHMENT C

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT: Ross Environmental Associates
Project: 37-085 Greensboro Garage
Lab Order: 1710038
Date Received: 10/18/2017

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date	Collection Time
1710038-01A	Tank	10/16/2017	2:30 PM
1710038-01B	Tank	10/16/2017	2:30 PM
1710038-01C	Tank	10/16/2017	2:30 PM
1710038-02A	Outfall	10/16/2017	1:00 PM
1710038-02B	Outfall	10/16/2017	1:00 PM
1710038-03A	SS-1	10/16/2017	12:30 PM
1710038-03B	SS-1	10/16/2017	12:30 PM
1710038-04A	TP-2	10/16/2017	11:00 AM
1710038-04B	TP-2	10/16/2017	11:00 AM
1710038-05A	TP-4	10/16/2017	12:00 PM
1710038-05B	TP-4	10/16/2017	12:00 PM
1710038-06A	TP-5	10/16/2017	11:30 AM
1710038-06B	TP-5	10/16/2017	11:30 AM

DATA COMMENT PAGE

Organic Data Qualifiers

ND	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than the method detection limit.
H	Method prescribed holding time exceeded.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
B	This flag is used when the analyte is found in the associated blank as well as in the sample.
R	RPD outside accepted recovery limits
RL	Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
S	Spike Recovery outside accepted recovery limits.
#	See Case Narrative
Q	RPD between signal 1 and signal 2 >40%.

Micro Data Qualifiers

TNTC	Too numerous to count

Inorganic Data Qualifiers

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J	Indicates a value greater than or equal to the method detection limit, but less than the quantitation limit.
H	Indicates analytical holding time exceedance.
B	Indicates that the analyte is found in the associated blank, as well as in the sample.
MSA	Indicates value determined by the Method of Standard Addition
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
R	RPD outside accepted recovery limits
RL	Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
S	Spike Recovery outside accepted recovery limits.
PS	The analyte was below the Reporting Limit but has significant matrix interference as noted by the poor recovery of the Post Digestion Spike.
#	See Case Narrative
*	MCL Exceeded

Report Comments:

1. Soil, sediment and sludge sample results are reported on a "dry weight" basis.
2. Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT: Ross Environmental Associates
Project: 37-085 Greensboro Garage

Lab Order: 1710038

Lab ID: 1710038-01
Collection Date: 10/16/2017 2:30:00 PM
Collection Time:
Client Sample ID: Tank
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846		**SW6010C**				Analyst: **AL**
Barium	ND	200		µg/L	1	10/23/2017 4:57:15 PM
Cadmium	22.0	5.00		µg/L	1	10/23/2017 4:57:15 PM
Chromium	41.2	10.0		µg/L	1	10/23/2017 4:57:15 PM
Lead	200	12.0		µg/L	1	10/23/2017 4:57:15 PM
Silver	ND	7.00		µg/L	1	10/23/2017 4:57:15 PM
ARSENIC, TOTAL		**SW7060A**				Analyst: **REB**
Arsenic	14	2.0	MSA	µg/L	1	10/24/2017 12:18:01 PM
MERCURY, TOTAL		**SW7470A**				Analyst: **AL**
Mercury	0.325	0.200		µg/L	1	11/1/2017 2:56:10 PM
SELENIUM, TOTAL		**SW7740**				Analyst: **REB**
Selenium	ND	5.0	PS	µg/L	1	10/24/2017 2:38:39 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT: Ross Environmental Associates
Project: 37-085 Greensboro Garage
Lab Order: 1710038

Lab ID: 1710038-02
Collection Date: 10/16/2017 1:00:00 PM
Collection Time:
Client Sample ID: Outfall
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010C**				Analyst: **AL**
Barium	69.0	29.9		mg/Kg-dry	1	10/23/2017 3:26:10 PM
Cadmium	ND	0.746		mg/Kg-dry	1	10/23/2017 3:26:10 PM
Chromium	41.5	1.49		mg/Kg-dry	1	10/23/2017 3:26:10 PM
Lead	44.6	3.73		mg/Kg-dry	1	10/23/2017 3:26:10 PM
Silver	ND	2.09		mg/Kg-dry	1	10/23/2017 3:26:10 PM
ARSENIC, SOIL 3051/7060		**SW7060A**				Analyst: **REB**
Arsenic	15.3	2.99	MSA	mg/Kg-dry	2	10/24/2017 1:00:21 PM
MERCURY, 7471A		**SW7471B**				Analyst: **AL**
Mercury	ND	0.0401		mg/Kg-dry	1	10/24/2017 12:43:36 PM
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	18.3	0		wt%	1	10/21/2017
SELENIUM, SOIL 3051/7740		**SW7740**				Analyst: **REB**
Selenium	ND	1.5	PS	mg/Kg-dry	1	10/24/2017 3:15:34 PM

Lab ID: 1710038-03
Collection Date: 10/16/2017 12:30:00 PM
Collection Time:
Client Sample ID: SS-1
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	15.9	0		wt%	1	10/21/2017

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT: Ross Environmental Associates
Project: 37-085 Greensboro Garage
Lab Order: 1710038

Lab ID: 1710038-04
Collection Date: 10/16/2017 11:00:00 AM
Collection Time:
Client Sample ID: TP-2
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	34.0	0		wt%	1	10/21/2017

Lab ID: 1710038-05
Collection Date: 10/16/2017 12:00:00 PM
Collection Time:
Client Sample ID: TP-4
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	0.4	0		wt%	1	10/21/2017

Lab ID: 1710038-06
Collection Date: 10/16/2017 11:30:00 AM
Collection Time:
Client Sample ID: TP-5
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	3.8	0		wt%	1	10/21/2017

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	Tank
Lab Order:	1710038	**Collection Date:**	10/16/2017 2:30:00 PM
Project:	37-085 Greensboro Garage	**Matrix:**	AQUEOUS
Lab ID:	1710038-01A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS		**SW8260C**				Analyst: **JK**
Dichlorodifluoromethane	ND	500		µg/L	100	10/25/2017 7:52:00 PM
Chloromethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Vinyl chloride	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Chloroethane	ND	500		µg/L	100	10/25/2017 7:52:00 PM
Bromomethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Trichlorofluoromethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Diethyl ether	ND	500		µg/L	100	10/25/2017 7:52:00 PM
Acetone	ND	1,000		µg/L	100	10/25/2017 7:52:00 PM
1,1-Dichloroethene	ND	100		µg/L	100	10/25/2017 7:52:00 PM
Carbon disulfide	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Methylene chloride	ND	500		µg/L	100	10/25/2017 7:52:00 PM
Methyl tert-butyl ether	ND	200		µg/L	100	10/25/2017 7:52:00 PM
trans-1,2-Dichloroethene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,1-Dichloroethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
2-Butanone	ND	1,000		µg/L	100	10/25/2017 7:52:00 PM
2,2-Dichloropropane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
cis-1,2-Dichloroethene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Chloroform	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Tetrahydrofuran	ND	1,000		µg/L	100	10/25/2017 7:52:00 PM
Bromochloromethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,1,1-Trichloroethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,1-Dichloropropene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Carbon tetrachloride	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,2-Dichloroethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Benzene	ND	100		µg/L	100	10/25/2017 7:52:00 PM
Trichloroethene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,2-Dichloropropane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Bromodichloromethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Dibromomethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
4-Methyl-2-pentanone	ND	1,000		µg/L	100	10/25/2017 7:52:00 PM
cis-1,3-Dichloropropene	ND	100		µg/L	100	10/25/2017 7:52:00 PM
Toluene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
trans-1,3-Dichloropropene	ND	100		µg/L	100	10/25/2017 7:52:00 PM
1,1,2-Trichloroethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,2-Dibromoethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
2-Hexanone	ND	1,000		µg/L	100	10/25/2017 7:52:00 PM
1,3-Dichloropropane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Tetrachloroethene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Dibromochloromethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	Tank
Lab Order:	1710038	**Collection Date:**	10/16/2017 2:30:00 PM
Project:	37-085 Greensboro Garage	**Matrix:**	AQUEOUS
Lab ID:	1710038-01A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,1,1,2-Tetrachloroethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Ethylbenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
m,p-Xylene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
o-Xylene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Styrene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Bromoform	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Isopropylbenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,1,2,2-Tetrachloroethane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,2,3-Trichloropropane	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Bromobenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
n-Propylbenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
2-Chlorotoluene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
4-Chlorotoluene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,3,5-Trimethylbenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
tert-Butylbenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,2,4-Trimethylbenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
sec-Butylbenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
4-Isopropyltoluene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,3-Dichlorobenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,4-Dichlorobenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
n-Butylbenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,2-Dichlorobenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
1,2-Dibromo-3-chloropropane	ND	500		µg/L	100	10/25/2017 7:52:00 PM
1,2,4-Trichlorobenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Hexachlorobutadiene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Naphthalene	ND	500		µg/L	100	10/25/2017 7:52:00 PM
1,2,3-Trichlorobenzene	ND	200		µg/L	100	10/25/2017 7:52:00 PM
Surr: Dibromofluoromethane	107	74-138		%REC	100	10/25/2017 7:52:00 PM
Surr: 1,2-Dichloroethane-d4	96.9	64-138		%REC	100	10/25/2017 7:52:00 PM
Surr: Toluene-d8	94.5	77-128		%REC	100	10/25/2017 7:52:00 PM
Surr: 4-Bromofluorobenzene	94.0	81-113		%REC	100	10/25/2017 7:52:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	Outfall
Lab Order:	1710038	**Collection Date:**	10/16/2017 1:00:00 PM
Project:	37-085 Greensboro Garage	**Matrix:**	SOIL
Lab ID:	1710038-02A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS, EPA 5035A M SW8260C						Analyst: **JK**
Dichlorodifluoromethane	ND	100		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Chloromethane	ND	100		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Vinyl chloride	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Chloroethane	ND	100		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Bromomethane	ND	100		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Trichlorofluoromethane	ND	100		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Diethyl ether	ND	250		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Acetone	ND	250		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,1-Dichloroethene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Carbon disulfide	ND	100		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Methylene chloride	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Methyl tert-butyl ether	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
trans-1,2-Dichloroethene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,1-Dichloroethane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
2-Butanone	ND	250		µg/Kg-dry	1	10/20/2017 2:26:00 PM
2,2-Dichloropropane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
cis-1,2-Dichloroethene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Chloroform	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Tetrahydrofuran	ND	250		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Bromochloromethane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,1,1-Trichloroethane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,1-Dichloropropene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Carbon tetrachloride	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,2-Dichloroethane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Benzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Trichloroethene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,2-Dichloropropane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Bromodichloromethane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Dibromomethane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
4-Methyl-2-pentanone	ND	250		µg/Kg-dry	1	10/20/2017 2:26:00 PM
cis-1,3-Dichloropropene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Toluene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
trans-1,3-Dichloropropene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,1,2-Trichloroethane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,2-Dibromoethane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
2-Hexanone	ND	250		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,3-Dichloropropane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Tetrachloroethene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Dibromochloromethane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	Outfall
Lab Order:	1710038	**Collection Date:**	10/16/2017 1:00:00 PM
Project:	37-085 Greensboro Garage	**Matrix:**	SOIL
Lab ID:	1710038-02A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,1,1,2-Tetrachloroethane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Ethylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
m,p-Xylene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
o-Xylene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Styrene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Bromoform	ND	100		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Isopropylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,1,2,2-Tetrachloroethane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,2,3-Trichloropropane	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Bromobenzene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
n-Propylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
2-Chlorotoluene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
4-Chlorotoluene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,3,5-Trimethylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
tert-Butylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,2,4-Trimethylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
sec-Butylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
4-Isopropyltoluene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,3-Dichlorobenzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,4-Dichlorobenzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
n-Butylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,2-Dichlorobenzene	ND	25		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,2-Dibromo-3-chloropropane	ND	130		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,2,4-Trichlorobenzene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Hexachlorobutadiene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Naphthalene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
1,2,3-Trichlorobenzene	ND	51		µg/Kg-dry	1	10/20/2017 2:26:00 PM
Surr: Dibromofluoromethane	100	63-141		%REC	1	10/20/2017 2:26:00 PM
Surr: 1,2-Dichloroethane-d4	97.2	54-134		%REC	1	10/20/2017 2:26:00 PM
Surr: Toluene-d8	99.2	53-142		%REC	1	10/20/2017 2:26:00 PM
Surr: 4-Bromofluorobenzene	91.9	65-132		%REC	1	10/20/2017 2:26:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	SS-1
Lab Order:	1710038	**Collection Date:**	10/16/2017 12:30:00 PM
Project:	37-085 Greensboro Garage	**Matrix:**	SOIL
Lab ID:	1710038-03A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS, EPA 5035A M SW8260C						Analyst: **JK**
Dichlorodifluoromethane	ND	100		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Chloromethane	ND	100		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Vinyl chloride	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Chloroethane	ND	100		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Bromomethane	ND	100		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Trichlorofluoromethane	ND	100		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Diethyl ether	ND	250		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Acetone	ND	250		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,1-Dichloroethene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Carbon disulfide	ND	100		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Methylene chloride	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Methyl tert-butyl ether	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
trans-1,2-Dichloroethene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,1-Dichloroethane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
2-Butanone	ND	250		µg/Kg-dry	1	10/20/2017 3:04:00 PM
2,2-Dichloropropane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
cis-1,2-Dichloroethene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Chloroform	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Tetrahydrofuran	ND	250		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Bromochloromethane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,1,1-Trichloroethane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,1-Dichloropropene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Carbon tetrachloride	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,2-Dichloroethane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Benzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Trichloroethene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,2-Dichloropropane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Bromodichloromethane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Dibromomethane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
4-Methyl-2-pentanone	ND	250		µg/Kg-dry	1	10/20/2017 3:04:00 PM
cis-1,3-Dichloropropene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Toluene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
trans-1,3-Dichloropropene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,1,2-Trichloroethane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,2-Dibromoethane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
2-Hexanone	ND	250		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,3-Dichloropropane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Tetrachloroethene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Dibromochloromethane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	SS-1
Lab Order:	1710038	**Collection Date:**	10/16/2017 12:30:00 PM
Project:	37-085 Greensboro Garage	**Matrix:**	SOIL
Lab ID:	1710038-03A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,1,1,2-Tetrachloroethane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Ethylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
m,p-Xylene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
o-Xylene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Styrene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Bromoform	ND	100		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Isopropylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,1,2,2-Tetrachloroethane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,2,3-Trichloropropane	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Bromobenzene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
n-Propylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
2-Chlorotoluene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
4-Chlorotoluene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,3,5-Trimethylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
tert-Butylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,2,4-Trimethylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
sec-Butylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
4-Isopropyltoluene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,3-Dichlorobenzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,4-Dichlorobenzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
n-Butylbenzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,2-Dichlorobenzene	ND	25		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,2-Dibromo-3-chloropropane	ND	130		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,2,4-Trichlorobenzene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Hexachlorobutadiene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Naphthalene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
1,2,3-Trichlorobenzene	ND	51		µg/Kg-dry	1	10/20/2017 3:04:00 PM
Surr: Dibromofluoromethane	106	63-141		%REC	1	10/20/2017 3:04:00 PM
Surr: 1,2-Dichloroethane-d4	101	54-134		%REC	1	10/20/2017 3:04:00 PM
Surr: Toluene-d8	104	53-142		%REC	1	10/20/2017 3:04:00 PM
Surr: 4-Bromofluorobenzene	94.0	65-132		%REC	1	10/20/2017 3:04:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	TP-2
Lab Order:	1710038	**Collection Date:**	10/16/2017 11:00:00 AM
Project:	37-085 Greensboro Garage	**Matrix:**	SOIL
Lab ID:	1710038-04A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS, EPA 5035A M SW8260C						Analyst: **JK**
Dichlorodifluoromethane	ND	130		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Chloromethane	ND	130		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Vinyl chloride	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Chloroethane	ND	130		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Bromomethane	ND	130		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Trichlorofluoromethane	ND	130		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Diethyl ether	ND	320		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Acetone	ND	320		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,1-Dichloroethene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Carbon disulfide	ND	130		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Methylene chloride	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Methyl tert-butyl ether	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
trans-1,2-Dichloroethene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,1-Dichloroethane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
2-Butanone	ND	320		µg/Kg-dry	1	10/20/2017 3:42:00 PM
2,2-Dichloropropane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
cis-1,2-Dichloroethene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Chloroform	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Tetrahydrofuran	ND	320		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Bromochloromethane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,1,1-Trichloroethane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,1-Dichloropropene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Carbon tetrachloride	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,2-Dichloroethane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Benzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Trichloroethene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,2-Dichloropropane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Bromodichloromethane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Dibromomethane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
4-Methyl-2-pentanone	ND	320		µg/Kg-dry	1	10/20/2017 3:42:00 PM
cis-1,3-Dichloropropene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Toluene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
trans-1,3-Dichloropropene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,1,2-Trichloroethane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,2-Dibromoethane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
2-Hexanone	ND	320		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,3-Dichloropropane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Tetrachloroethene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Dibromochloromethane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	TP-2
Lab Order:	1710038	**Collection Date:**	10/16/2017 11:00:00 AM
Project:	37-085 Greensboro Garage	**Matrix:**	SOIL
Lab ID:	1710038-04A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,1,1,2-Tetrachloroethane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Ethylbenzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
m,p-Xylene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
o-Xylene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Styrene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Bromoform	ND	130		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Isopropylbenzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,1,2,2-Tetrachloroethane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,2,3-Trichloropropane	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Bromobenzene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
n-Propylbenzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
2-Chlorotoluene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
4-Chlorotoluene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,3,5-Trimethylbenzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
tert-Butylbenzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,2,4-Trimethylbenzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
sec-Butylbenzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
4-Isopropyltoluene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,3-Dichlorobenzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,4-Dichlorobenzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
n-Butylbenzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,2-Dichlorobenzene	ND	32		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,2-Dibromo-3-chloropropane	ND	160		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,2,4-Trichlorobenzene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Hexachlorobutadiene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Naphthalene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
1,2,3-Trichlorobenzene	ND	63		µg/Kg-dry	1	10/20/2017 3:42:00 PM
Surr: Dibromofluoromethane	94.4	63-141		%REC	1	10/20/2017 3:42:00 PM
Surr: 1,2-Dichloroethane-d4	102	54-134		%REC	1	10/20/2017 3:42:00 PM
Surr: Toluene-d8	104	53-142		%REC	1	10/20/2017 3:42:00 PM
Surr: 4-Bromofluorobenzene	94.1	65-132		%REC	1	10/20/2017 3:42:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	TP-4
Lab Order:	1710038	**Collection Date:**	10/16/2017 12:00:00 PM
Project:	37-085 Greensboro Garage	**Matrix:**	SOIL
Lab ID:	1710038-05A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS, EPA 5035A M SW8260C						Analyst: **JK**
Dichlorodifluoromethane	ND	82		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Chloromethane	ND	82		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Vinyl chloride	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Chloroethane	ND	82		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Bromomethane	ND	82		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Trichlorofluoromethane	ND	82		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Diethyl ether	ND	210		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Acetone	ND	210		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,1-Dichloroethene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Carbon disulfide	ND	82		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Methylene chloride	130	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Methyl tert-butyl ether	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
trans-1,2-Dichloroethene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,1-Dichloroethane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
2-Butanone	ND	210		µg/Kg-dry	1	10/20/2017 4:21:00 PM
2,2-Dichloropropane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
cis-1,2-Dichloroethene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Chloroform	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Tetrahydrofuran	ND	210		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Bromochloromethane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,1,1-Trichloroethane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,1-Dichloropropene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Carbon tetrachloride	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,2-Dichloroethane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Benzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Trichloroethene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,2-Dichloropropane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Bromodichloromethane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Dibromomethane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
4-Methyl-2-pentanone	ND	210		µg/Kg-dry	1	10/20/2017 4:21:00 PM
cis-1,3-Dichloropropene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Toluene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
trans-1,3-Dichloropropene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,1,2-Trichloroethane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,2-Dibromoethane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
2-Hexanone	ND	210		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,3-Dichloropropane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Tetrachloroethene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Dibromochloromethane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	TP-4
Lab Order:	1710038	**Collection Date:**	10/16/2017 12:00:00 PM
Project:	37-085 Greensboro Garage	**Matrix:**	SOIL
Lab ID:	1710038-05A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,1,1,2-Tetrachloroethane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Ethylbenzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
m,p-Xylene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
o-Xylene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Styrene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Bromoform	ND	82		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Isopropylbenzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,1,2,2-Tetrachloroethane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,2,3-Trichloropropane	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Bromobenzene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
n-Propylbenzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
2-Chlorotoluene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
4-Chlorotoluene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,3,5-Trimethylbenzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
tert-Butylbenzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,2,4-Trimethylbenzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
sec-Butylbenzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
4-Isopropyltoluene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,3-Dichlorobenzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,4-Dichlorobenzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
n-Butylbenzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,2-Dichlorobenzene	ND	21		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,2-Dibromo-3-chloropropane	ND	100		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,2,4-Trichlorobenzene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Hexachlorobutadiene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Naphthalene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
1,2,3-Trichlorobenzene	ND	41		µg/Kg-dry	1	10/20/2017 4:21:00 PM
Surr: Dibromofluoromethane	98.9	63-141		%REC	1	10/20/2017 4:21:00 PM
Surr: 1,2-Dichloroethane-d4	108	54-134		%REC	1	10/20/2017 4:21:00 PM
Surr: Toluene-d8	107	53-142		%REC	1	10/20/2017 4:21:00 PM
Surr: 4-Bromofluorobenzene	104	65-132		%REC	1	10/20/2017 4:21:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	TP-5
Lab Order:	1710038	**Collection Date:**	10/16/2017 11:30:00 AM
Project:	37-085 Greensboro Garage	**Matrix:**	SOIL
Lab ID:	1710038-06A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260C VOLATILES BY GC/MS, EPA 5035A M SW8260C						Analyst: **JK**
Dichlorodifluoromethane	ND	100		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Chloromethane	ND	100		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Vinyl chloride	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Chloroethane	ND	100		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Bromomethane	ND	100		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Trichlorofluoromethane	ND	100		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Diethyl ether	ND	260		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Acetone	ND	260		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,1-Dichloroethene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Carbon disulfide	ND	100		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Methylene chloride	54	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Methyl tert-butyl ether	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
trans-1,2-Dichloroethene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,1-Dichloroethane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
2-Butanone	ND	260		µg/Kg-dry	1	10/20/2017 4:59:00 PM
2,2-Dichloropropane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
cis-1,2-Dichloroethene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Chloroform	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Tetrahydrofuran	ND	260		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Bromochloromethane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,1,1-Trichloroethane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,1-Dichloropropene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Carbon tetrachloride	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,2-Dichloroethane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Benzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Trichloroethene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,2-Dichloropropane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Bromodichloromethane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Dibromomethane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
4-Methyl-2-pentanone	ND	260		µg/Kg-dry	1	10/20/2017 4:59:00 PM
cis-1,3-Dichloropropene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Toluene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
trans-1,3-Dichloropropene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,1,2-Trichloroethane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,2-Dibromoethane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
2-Hexanone	ND	260		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,3-Dichloropropane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Tetrachloroethene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Dibromochloromethane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	TP-5
Lab Order:	1710038	**Collection Date:**	10/16/2017 11:30:00 AM
Project:	37-085 Greensboro Garage	**Matrix:**	SOIL
Lab ID:	1710038-06A		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,1,1,2-Tetrachloroethane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Ethylbenzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
m,p-Xylene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
o-Xylene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Styrene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Bromoform	ND	100		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Isopropylbenzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,1,2,2-Tetrachloroethane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,2,3-Trichloropropane	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Bromobenzene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
n-Propylbenzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
2-Chlorotoluene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
4-Chlorotoluene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,3,5-Trimethylbenzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
tert-Butylbenzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,2,4-Trimethylbenzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
sec-Butylbenzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
4-Isopropyltoluene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,3-Dichlorobenzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,4-Dichlorobenzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
n-Butylbenzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,2-Dichlorobenzene	ND	26		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,2-Dibromo-3-chloropropane	ND	130		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,2,4-Trichlorobenzene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Hexachlorobutadiene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Naphthalene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
1,2,3-Trichlorobenzene	ND	52		µg/Kg-dry	1	10/20/2017 4:59:00 PM
Surr: Dibromofluoromethane	113	63-141		%REC	1	10/20/2017 4:59:00 PM
Surr: 1,2-Dichloroethane-d4	108	54-134		%REC	1	10/20/2017 4:59:00 PM
Surr: Toluene-d8	110	53-142		%REC	1	10/20/2017 4:59:00 PM
Surr: 4-Bromofluorobenzene	103	65-132		%REC	1	10/20/2017 4:59:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	Tank
Lab Order:	1710038	**Collection Date:**	10/16/2017 2:30:00 PM
Project:	37-085 Greensboro Garage	**Matrix:**	AQUEOUS
Lab ID:	1710038-01B		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PCBS BY EPA8082		**SW8082A**				Analyst: **NS**
Aroclor 1016	ND	0.50		µg/L	1	11/1/2017 4:55:00 PM
Aroclor 1221	ND	0.50		µg/L	1	11/1/2017 4:55:00 PM
Aroclor 1232	ND	0.50		µg/L	1	11/1/2017 4:55:00 PM
Aroclor 1242	ND	0.50		µg/L	1	11/1/2017 4:55:00 PM
Aroclor 1248	ND	0.50		µg/L	1	11/1/2017 4:55:00 PM
Aroclor 1254	ND	0.50		µg/L	1	11/1/2017 4:55:00 PM
Aroclor 1260	ND	0.50		µg/L	1	11/1/2017 4:55:00 PM
Surr: Decachlorobiphenyl	57.6	27-131		%REC	1	11/1/2017 4:55:00 PM
Surr: Tetrachloro-m-xylene	72.3	37-130		%REC	1	11/1/2017 4:55:00 PM

AMRO Environmental Laboratories Corp.

Date: *03-Nov-17*

CLIENT:	Ross Environmental Associates	**Client Sample ID:**	Outfall
Lab Order:	1710038	**Collection Date:**	10/16/2017 1:00:00 PM
Project:	37-085 Greensboro Garage	**Matrix:**	SOIL
Lab ID:	1710038-02B		

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PCBS BY EPA8082		**SW8082A**				Analyst: **NS**
Aroclor 1016	ND	30		µg/Kg-dry	1	10/20/2017 4:33:00 PM
Aroclor 1221	ND	30		µg/Kg-dry	1	10/20/2017 4:33:00 PM
Aroclor 1232	ND	30		µg/Kg-dry	1	10/20/2017 4:33:00 PM
Aroclor 1242	ND	30		µg/Kg-dry	1	10/20/2017 4:33:00 PM
Aroclor 1248	ND	30		µg/Kg-dry	1	10/20/2017 4:33:00 PM
Aroclor 1254	ND	30		µg/Kg-dry	1	10/20/2017 4:33:00 PM
Aroclor 1260	ND	30		µg/Kg-dry	1	10/20/2017 4:33:00 PM
Surr: Tetrachloro-m-xylene	109	18-143		%REC	1	10/20/2017 4:33:00 PM
Surr: Decachlorobiphenyl	88.2	31-149		%REC	1	10/20/2017 4:33:00 PM