

**NHDES Waste Management Division
29 Hazen Drive; PO Box 95
Concord, New Hampshire 03302-0095**

GROUNDWATER SAMPLING DATA TRANSMITTAL

**FORMER RAND LUMBER COMPANY
511 WALLIS ROAD
RYE, NEW HAMPSHIRE
NHDES #198604301
PROJECT TYPE: SITEEVAL
PROJECT #34669**

Prepared For:
Wallis Road Properties, LLC
105 Bartlett Road
Portsmouth, New Hampshire 03801
Phone Number: NA
Contact Name: Ed Hayes
Contact Email: NA

Prepared By:
GeoInsight, Inc.
186 Granite Street, 3rd Floor, Suite A
Manchester, New Hampshire 03101
Phone Number: (603) 314-0820
Contact Name: Brian D. Kisiel, P.G.
Contact Email: bdkisiel@geoinc.com

June 28, 2018
GeoInsight Project 8691-000

June 28, 2018

GeoInsight Project 8691-000

Todd E. Piskovitz, P.G.
NHDES/ORCB
29 Hazen Drive/ P.O. Box 95
Concord, NH 03302-0095

RE: Groundwater Sampling Data Transmittal
Former Rand Lumber Company
511 Wallis Road
Rye, New Hampshire
NHDES #198604301
Project Type: SITEEVAL

Dear Mr. Piskovitz:

GeoInsight, Inc. (GeoInsight) prepared this document to present the results from groundwater sampling performed on June 7, 2018 at the Former Rand Lumber Company site located at 511 Wallis Road in Rye, New Hampshire (the Site; Figure 1). The Site is currently the location of a residential development consisting of 20 residential properties known as Sea Glass Lane (Figure 2).

BACKGROUND

Prior to being developed, the Site was the location of Rand Lumber Company. Environmental investigations performed in 2001 for financing identified the presence of up to 37, 55-gallon waste oil containers. It was reported that some of the containers appeared to have leaked resulting in stained soil. Documentation from the previous owners regarding the disposal of the containers observed at the Site was not available. The area where the containers were located is identified on the attached plan from a report prepared by Exeter Environmental Associates (Figure 1).

In a letter, dated December 13, 2017, to Wallis Road Properties, LLC (Wallis), the New Hampshire Department of Environmental Services (NHDES) requested the installation of a minimum of three monitoring wells to evaluate groundwater in the vicinity of an area where 55-gallon containers reported to contain waste oil were once located.

During a meeting on January 31, 2018, the NHDES requested that Wallis submit a work scope to propose a sampling plan from groundwater sumps located in the basement of select properties in



the vicinity of the area identified where containers were stored. GeoInsight submitted a sampling plan that specified the collection of groundwater samples from three groundwater sumps located at Lots 6, 9, and 13. Lot 13 is believed to be located in an area where 55-gallon containers were stored. Lots 6 and 9 are located on the presumed downgradient boundary of where the containers were stored. Sampling would be performed at a time when the groundwater elevation results in water flowing through the sumps from the foundation perimeter drains.

One groundwater sample from each Lot would be analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260B. The groundwater sample collected from Lot 13 (source area) would be analyzed for polycyclic aromatic hydrocarbons (PAHs) by USEPA Method 8270, polychlorinated biphenyls (PCBs) by USEPA Method 8082, and Resource Conservation Recovery Act (RCRA)-8 Metals. Groundwater samples collected for PAHs and RCRA-8 Metals analyses would be field filtered.

GROUNDWATER SAMPLING RESULTS AND RECOMMENDATIONS

Previously on April 26, 2018, GeoInsight collected groundwater samples from the discharge point of sump perimeter drains located on Lot 6 and Lot 8 for analysis of VOCs. At the time of the sample collection, the perimeter drain from Lot 9 was not actively flowing; therefore, a sample was collected from the adjacent Lot 8 drain. Lot 8 is also located downgradient of the presumed source area (Lot 13).

The perimeter drain from Lot 13 was not actively flowing; therefore, a sample was not collected for laboratory analysis. As the spring season progressed, it appeared that it was unlikely that groundwater elevations would increase resulting in water flowing through the perimeter drain of Lot 13.

GeoInsight returned to the Site on June 7, 2018 to advance a hand-installed monitoring well through the sump located in the basement of the residential structure located on Lot 13. A 5-foot section of 1-inch diameter, 0.01-slot polyvinyl chloride well screen was advanced by hand to approximately 62 inches below the concrete slab through a sump (see attached photographs in Attachment A). The well was purged, and groundwater samples were collected and placed into glassware provided by the laboratory. The samples were delivered to Absolute Resource Associates, LLC of Portsmouth, New Hampshire.

VOCs, PAHs, PCBs, and RCRA-8 Metals were not detected above the laboratory reporting limits in the groundwater sample collected from Lot 13. The laboratory report is included as Attachment B.

Based upon the results of groundwater sampling from perimeter drain lines at Lot 6 and Lot 8, and from the monitoring well installed on Lot 13 on April 26, 2018 and June 7, 2018, respectively, GeoInsight recommends that further groundwater sampling is not warranted and that the NHDES issue a Certificate of No Further Action.



If you have questions regarding the information and recommendations presented herein, please contact me at (603) 314-0820.

Sincerely,
GEOINSIGHT, INC.

Brian D. Kisiel, P.G.
Principal

Attachments

cc: Ed Hayes, Wallis (electronic only)

\\geonho\NHO_Projects\8691 Sea Glass Lane Rye NH Wallis Properties\8691_2018-06-22_June Sampling Data Transmittal to NHDES.docx



FIGURES



PLOT DATE: 5-22-18
FILE: C:\Users\stmckee\appdata\local\temp\AcPublish_18420_8691D001.dwg

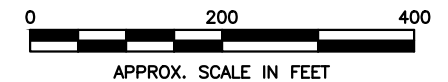


LEGEND

--- APPROXIMATE PROPERTY BOUNDARY

NOTES:

1. THIS PLAN WAS BASED UPON A SITE PLAN OBTAINED FROM A 2001 TRANSACTION SCREEN REPORT PREPARED BY EEA, INC.



CLIENT: FORMER RAND LUMBER COMPANY				 GeoInsight <i>Practical in Nature</i>
PROJECT: 511 WALLIS ROAD RYE, NEW HAMPSHIRE				
TITLE: SITE PLAN				
DESIGNED: BDK	DRAWN: STM	CHECKED: BDK	APPROVED: BDK	
SCALE: 1" = 200'	DATE: 05/22/18	FILE NO.: 8691D001	PROJECT NO.: 8691-000	FIGURE NO.: 1

PLOT DATE: 5-22-18
FILE: C:\Users\stmckee\appdata\local\temp\AcPublish_18420\8691D001.dwg

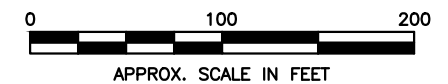


LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- SAMPLE COLLECTION LOCATION

NOTES:

1. THIS PLAN WAS BASED UPON A AUGUST 2013 PLAN ENTITLED "UTILITY PLAN" PREPARED BY BEALS ASSOCIATES, PLLC OF STRATHAM, NEW HAMPSHIRE LAST REVISED JANUARY 30, 2014.



CLIENT: FORMER RAND LUMBER COMPANY				 GeoInsight <i>Practical in Nature</i>
PROJECT: 511 WALLIS ROAD RYE, NEW HAMPSHIRE				
TITLE: CURRENT SITE DEVELOPMENT				
DESIGNED: BDK	DRAWN: STM	CHECKED: BDK	APPROVED: BDK	
SCALE: 1" = 100'	DATE: 05/22/18	FILE NO.: 8691D001	PROJECT NO.: 8691-000	FIGURE NO.: 2



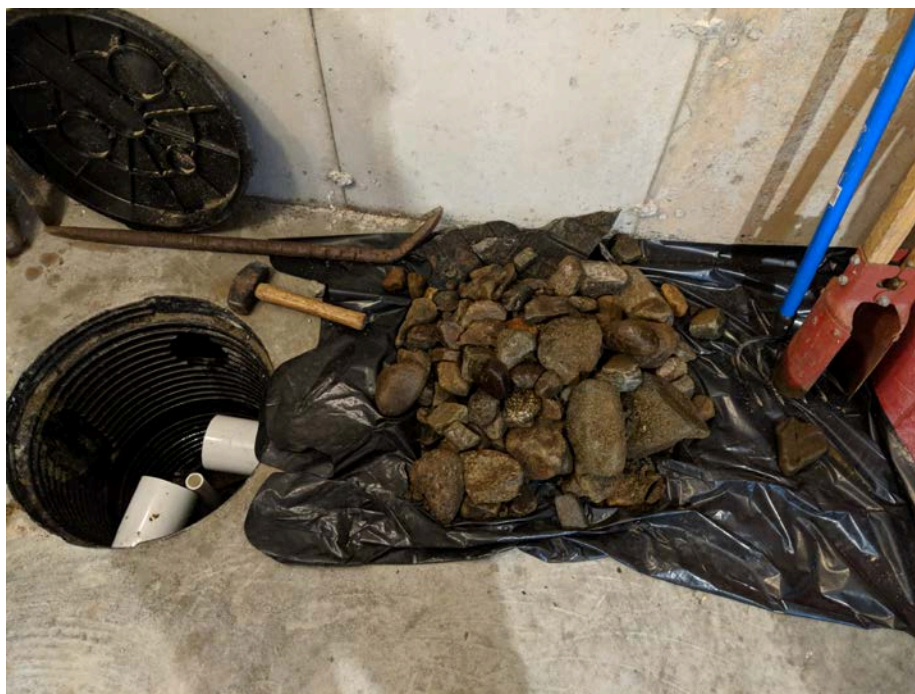
ATTACHMENT A
PHOTOGRAPHS



**FORMER RAND LUMBER COMPANY
511 WALLIS ROAD
RYE, NEW HAMPSHIRE**



1. View of sump at Lot 13.



2. View of material removed from subsurface.

**FORMER RAND LUMBER COMPANY
511 WALLIS ROAD
RYE, NEW HAMPSHIRE**



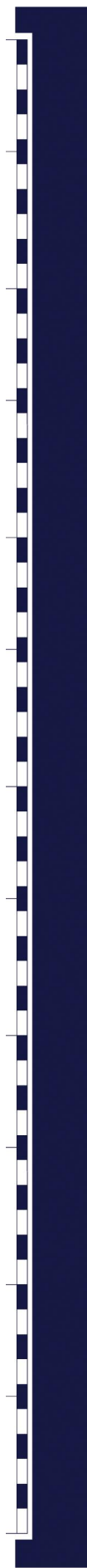
3. View of monitoring well prior to backfilling.



4. View of completed well.



ATTACHMENT B
LABORATORY REPORT



Laboratory Report



Absolute Resource *associates*

124 Heritage Avenue Portsmouth NH 03801

Jonathan Meunier
GeoInsight, Inc.
186 Granite Street
3rd Floor, Suite A
Manchester, NH 03103

PO Number: 8691
Job ID: 44689
Date Received: 6/7/18

Project: Rye Fmr Rand Lumber 8691

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

A handwritten signature in black ink, appearing to read 'Sue Sylvester', followed by the text '(for)' in parentheses.

Sue Sylvester
Principal, General Manager

Date of Approval: 6/19/2018
Total number of pages: 8

Absolute Resource Associates Certifications

New Hampshire 1732
Maine NH903

Massachusetts M-NH902

Project ID: Rye Fmr Rand Lumber 8691

Job ID: 44689

Sample#: 44689-001

Sample ID: MW-SUMP

Matrix: Water

Sampled: 6/7/18 13:20

Parameter	Result	Reporting		Instr Dil'n		Analyst	Prep Date	Analysis			Reference
		Limit	Units	Factor				Batch	Date	Time	
dichlorodifluoromethane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
chloromethane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
vinyl chloride	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
bromomethane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
chloroethane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
trichlorofluoromethane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
diethyl ether	< 5	5	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
acetone	< 50	50	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
1,1-dichloroethene	< 1	1	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
methylene chloride	< 5	5	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
carbon disulfide	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
trans-1,2-dichloroethene	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
isopropyl ether (DIPE)	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
ethyl t-butyl ether (ETBE)	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
1,1-dichloroethane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
t-butanol (TBA)	< 30	30	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
2-butanone (MEK)	< 10	10	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
2,2-dichloropropane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
cis-1,2-dichloroethene	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
chloroform	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
bromochloromethane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
tetrahydrofuran (THF)	< 10	10	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
1,1,1-trichloroethane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
1,1-dichloropropene	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
t-amyl-methyl ether (TAME)	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
carbon tetrachloride	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
1,2-dichloroethane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
benzene	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
trichloroethene	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
1,2-dichloropropane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
bromodichloromethane	< 0.6	0.6	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
1,4-dioxane	< 50	50	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
dibromomethane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
cis-1,3-dichloropropene	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
toluene	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
trans-1,3-dichloropropene	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
2-hexanone	< 10	10	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
1,1,2-trichloroethane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
1,3-dichloropropane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
tetrachloroethene	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C
dibromochloromethane	< 2	2	ug/L	1		LMM		1801511	6/12/18	16:47	SW5030C8260C

Project ID: Rye Fmr Rand Lumber 8691

Job ID: 44689

Sample#: 44689-001

Sample ID: MW-SUMP

Matrix: Water

Sampled: 6/7/18 13:20

Sampled: 6/7/18		13:20		Reporting		Instr Dil'n		Prep		Analysis	
Parameter	Result	Limit	Units	Factor	Analyst	Date	Batch	Date	Time	Reference	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
chlorobenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
ethylbenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
m&p-xylenes	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
o-xylene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
styrene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
bromoform	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
isopropylbenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
1,2,3-trichloropropane	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
n-propylbenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
bromobenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
1,3,5-trimethylbenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
2-chlorotoluene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
4-chlorotoluene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
tert-butylbenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
1,2,4-trimethylbenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
sec-butylbenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
1,3-dichlorobenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
4-isopropyltoluene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
1,4-dichlorobenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
1,2-dichlorobenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
n-butylbenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
1,2,4-trichlorobenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
1,3,5-trichlorobenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
naphthalene	< 5	5	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
1,2,3-trichlorobenzene	< 2	2	ug/L	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
Surrogate Recovery		Limits									
dibromofluoromethane SUR	103	78-114	%	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
toluene-D8 SUR	96	88-110	%	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	
4-bromofluorobenzene SUR	92	86-115	%	1	LMM		1801511	6/12/18	16:47	SW5030C8260C	

Project ID: Rye Fmr Rand Lumber 8691

Job ID: 44689

Sample#: 44689-002

Sample ID: Trip Blank

Matrix: Water

Sampled: 6/7/18 0:00

Parameter	Result	Reporting		Instr	Dil'n	Analyst	Prep Date	Analysis			Reference
		Limit	Units					Batch	Date	Time	
dichlorodifluoromethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
chloromethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
vinyl chloride	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
bromomethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
chloroethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
trichlorofluoromethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
diethyl ether	< 5	5	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
acetone	< 50	50	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,1-dichloroethene	< 1	1	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
methylene chloride	< 5	5	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
carbon disulfide	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
trans-1,2-dichloroethene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
isopropyl ether (DIPE)	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
ethyl t-butyl ether (ETBE)	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,1-dichloroethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
t-butanol (TBA)	< 30	30	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
2-butanone (MEK)	< 10	10	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
2,2-dichloropropane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
cis-1,2-dichloroethene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
chloroform	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
bromochloromethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
tetrahydrofuran (THF)	< 10	10	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,1,1-trichloroethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,1-dichloropropene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
t-amyl-methyl ether (TAME)	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
carbon tetrachloride	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,2-dichloroethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
benzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
trichloroethene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,2-dichloropropane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
bromodichloromethane	< 0.6	0.6	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,4-dioxane	< 50	50	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
dibromomethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
cis-1,3-dichloropropene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
toluene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
trans-1,3-dichloropropene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
2-hexanone	< 10	10	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,1,2-trichloroethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,3-dichloropropane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
tetrachloroethene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
dibromochloromethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C

Project ID: Rye Fmr Rand Lumber 8691

Job ID: 44689

Sample#: 44689-002

Sample ID: Trip Blank

Matrix: Water

Sampled: 6/7/18 0:00

Parameter	Result	Reporting		Instr	Dil'n	Analyst	Prep Date	Analysis			Reference
		Limit	Units					Batch	Date	Time	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
chlorobenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
ethylbenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
m&p-xylenes	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
o-xylene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
styrene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
bromoform	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
isopropylbenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,2,3-trichloropropane	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
n-propylbenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
bromobenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,3,5-trimethylbenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
2-chlorotoluene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
4-chlorotoluene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
tert-butylbenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,2,4-trimethylbenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
sec-butylbenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,3-dichlorobenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
4-isopropyltoluene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,4-dichlorobenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,2-dichlorobenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
n-butylbenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,2,4-trichlorobenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,3,5-trichlorobenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
naphthalene	< 5	5	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
1,2,3-trichlorobenzene	< 2	2	ug/L	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
Surrogate Recovery		Limits									
dibromofluoromethane SUR	105	78-114	%	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
toluene-D8 SUR	95	88-110	%	1	LMM			1801511	6/12/18	12:20	SW5030C8260C
4-bromofluorobenzene SUR	94	86-115	%	1	LMM			1801511	6/12/18	12:20	SW5030C8260C

Project ID: Rye Fmr Rand Lumber 8691

Job ID: 44689

Sample#: 44689-001

Sample ID: MW-SUMP

Matrix: Water

Sampled: 6/7/18 13:20

Parameter	Result	Reporting		Instr	Dil'n	Prep		Analysis			Reference
		Limit	Units			Analyst	Date	Batch	Date	Time	
naphthalene	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
2-methylnaphthalene	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
acenaphthylene	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
acenaphthene	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
dibenzofuran	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
fluorene	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
phenanthrene	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
anthracene	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
fluoranthene	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
pyrene	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
benzo(a)anthracene	< 0.1	0.1	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
chrysene	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
benzo(b)fluoranthene	< 0.1	0.1	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
benzo(k)fluoranthene	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
benzo(a)pyrene	< 0.2	0.2	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
indeno(1,2,3-cd)pyrene	< 0.1	0.1	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
dibenzo(a,h)anthracene	< 0.1	0.1	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
benzo(g,h,i)perylene	< 0.5	0.5	ug/L	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
Surrogate Recovery		Limits									
2-fluorobiphenyl SUR	56	43-116	%	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	
o-terphenyl SUR	68	33-141	%	1	CL	6/11/18	10766	6/15/18	12:43	SW3510C8270D	

Project ID: Rye Fmr Rand Lumber 8691

Job ID: 44689

Sample#: 44689-001

Sample ID: MW-SUMP

Matrix: Water

Sampled: 6/7/18 13:20

Parameter	Result	Reporting		Instr Dil'n	Factor	Prep		Analysis			Reference
		Limit	Units			Analyst	Date	Batch	Date	Time	
PCB-1016	< 0.5	0.5	ug/L	1		AAG	6/13/18	10771	6/14/18	19:55	SW3510C8082A
PCB-1221	< 0.5	0.5	ug/L	1		AAG	6/13/18	10771	6/14/18	19:55	SW3510C8082A
PCB-1232	< 0.5	0.5	ug/L	1		AAG	6/13/18	10771	6/14/18	19:55	SW3510C8082A
PCB-1242	< 0.5	0.5	ug/L	1		AAG	6/13/18	10771	6/14/18	19:55	SW3510C8082A
PCB-1248	< 0.5	0.5	ug/L	1		AAG	6/13/18	10771	6/14/18	19:55	SW3510C8082A
PCB-1254	< 0.5	0.5	ug/L	1		AAG	6/13/18	10771	6/14/18	19:55	SW3510C8082A
PCB-1260	< 0.5	0.5	ug/L	1		AAG	6/13/18	10771	6/14/18	19:55	SW3510C8082A
PCB-1262	< 0.5	0.5	ug/L	1		AAG	6/13/18	10771	6/14/18	19:55	SW3510C8082A
PCB-1268	< 0.5	0.5	ug/L	1		AAG	6/13/18	10771	6/14/18	19:55	SW3510C8082A
Surrogate Recovery		Limits									
tetrachloro-m-xylene SUR	56	30-150	%	1		AAG	6/13/18	10771	6/14/18	19:55	SW3510C8082A
decachlorobiphenyl SUR	56	30-150	%	1		AAG	6/13/18	10771	6/14/18	19:55	SW3510C8082A

Note: Elevated reporting limit due to matrix interference.

Sample#: 44689-001

Sample ID: MW-SUMP

Matrix: Water

Sampled: 6/7/18 13:20

Parameter	Result	Reporting		Instr Dil'n	Factor	Prep		Analysis			Reference
		Limit	Units			Analyst	Date	Batch	Date	Time	
Arsenic	< 0.025	0.025	mg/L	5		AGN	6/8/18	10763	6/13/18	20:19	SW3005A6020A
Barium	< 0.05 J	0.05	mg/L	5		AGN	6/8/18	10763	6/13/18	20:19	SW3005A6020A
J = The QC samples associated with this element showed low recovery. The result is an estimate.											
Cadmium	< 0.005 J	0.005	mg/L	5		AGN	6/8/18	10763	6/13/18	20:19	SW3005A6020A
J = The QC samples associated with this element showed low recovery. The result is an estimate.											
Chromium	< 0.05	0.05	mg/L	5		AGN	6/8/18	10763	6/13/18	20:19	SW3005A6020A
Lead	< 0.025	0.025	mg/L	5		AGN	6/8/18	10763	6/13/18	20:19	SW3005A6020A
Mercury	< 0.0002	0.0002	mg/L	1		AJD	6/14/18	10781	6/14/18	15:03	SW7470A
Selenium	< 0.05	0.05	mg/L	5		AGN	6/8/18	10763	6/13/18	20:19	SW3005A6020A
Silver	< 0.025	0.025	mg/L	5		AGN	6/8/18	10763	6/13/18	20:19	SW3005A6020A



124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001

absoluteresourceassociates.com

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

44689

ANALYSIS REQUEST

Company Name: Geatnsight, Inc.

Company Address: 186 Granite St., Suite 3A
Manchester, NH, 03101

Report To: Jonathan Meunier

Phone #: 603 34 0820

Invoice to: same

Email: _____

PO #: 8691

Project Name: Sea Glass Ln. Rye
Project #: 8691 Fmr Rand Lumber

Project Location: NH MA ME VT _____

Accreditation Required? N/Y:

Protocol:	RCRA	SDWA	NPDES
	MCP	NHDES	DOD

Reporting	QAPP	GW-1	S-1
Limits:	EPA DW	Other	

Quote #

❑ NH Reimbursement Pricing

[illegible]**TAT REQUESTED**

Priority (24 hr)* ☐
Expedited (48 hr)* ☐
Standard ☒
(10 Business Days)
*Date Needed _____

See absoluteresourceassociates.com
for sample acceptance policy and
current accreditation lists.

SPECIAL INSTRUCTIONS

Samples for PAH and RCRA-8 metals analyses were field-filtered using 0.45 μ m

REPORTING INSTRUCTIONS

☒ PDF (e-mail address) jrmeunier@geolinc.com

☐ HARD COPY REQUIRED ☒ EDDRECEIVED ON ICE ☒ YES ☐ NO

TEMPERATURE 6 °C

CUSTODY RECORD

QSD-01 Revision 3/12/18

Relinquished by Sampler:

Date 01/11 Time 14:16

Received by:

Date / Time
01/07/18 14:11

Relinquished by:

Date	Time
------	------

Received by:

Date	Time
------	------

Relinquished by:

Date	Time
------	------

Received by Laboratory:

Date	Time
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