UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 1
1 Congress Street, Suite 1100
BOSTON, MA 02114-2023

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

SEP 19 2012

Michael Caron, Owner
Blue Loon General Store
564 Providence Road
Strafford, NH 03884

Re: Authorization to discharge under the Remediation General Permit (RGP) – NHG910000. Blue Loon General Store site located at 564 Providence Road Strafford, NH 03884, Strafford County; Authorization # NHG910058

Dear Mr. Caron:

Based on the review of the notice of intent (NOI) for the site referenced above, the U.S. Environmental Protection Agency (EPA) hereby authorizes you the Owner and Operator to discharge in accordance with the provisions of the RGP at that site. Your authorization number is listed above.

The enclosed checklist designates the monitoring parameters applicable to your discharge. The list represents pollutants associated with gasoline sites discharging contaminated ground water from excavation activities associated with tank removal and replacement work.

Also indicated on the checklist are the effluent limits, test methods and minimum levels (MLs) for each pollutant. Please note that the checklist does not represent the complete requirements of the RGP. Operators must comply with all of the applicable requirements of this permit, including influent and effluent monitoring, narrative water quality standards, record keeping, and reporting requirements, found in Parts I and II, and Appendices I – VIII of the RGP. See EPA's website for the complete RGP and other information at: http://www.epa.gov/region1/npdes/mass.html#dgp.

Please note the enclosed checklist includes parameters that exceeded Appendix III limits. Also, please note that the metals included on the checklist are dilution dependent pollutants and subject to limitations based on a dilution factor range (DFR). With the limited (3.7) dilution at the Isinglass River, EPA determined that the DFR for each parameter is in the one and five (1-5) range. (See the RGP Appendix IV for New Hampshire facilities) Therefore, the limit for lead of (0.5 x 3.7) is 1.85 ug/L and the limit for iron of (3.7 x 1000) is 3,700 ug/L, are required to achieve permit compliance at your site.

Finally, please note the checklist of pollutants attached to this authorization is subject to a recertification if the operations at the site result in a discharge lasting longer than six months. A recertification can be submitted to EPA within six (6) to twelve (12) months of operations in accordance with the 2010 RGP regulations.

This general permit and authorization to discharge will expire on September 9, 2015. You have reported that this project will terminate on October 5, 2012. You are required to submit a Notice of Termination (NOT) to the attention of the contact person indicated below within 30 days of project completion.

Thank you in advance for your cooperation in this matter. Please contact Victor Alvarez at 617-918-1572 or Alvarez.Victor@epa.gov, if you have any questions.

Sincerely,

Thelma Murphy

Thelma Murphy, Manager
Storm Water and Construction
Permits Section

Enclosure

cc: Jeff Andrews, NHDES
John Quellette, Ransom Consulting, Inc.

2010 Remediation General Permit
Summary of Monitoring Parameters[1]

NPDES Authorization Number:	**NHG910058**
Authorization Issued:	September, 2012
Facility/Site Name:	Blue Loon General Store
Facility/Site Address:	564 Providence Road, Strafford, New Hampshire 03884, Strafford County
	Email address of owner: mcaron@windhampd.com
Legal Name of Operator:	TMC Environmental. Located at 141 Banfield Rd, Portsmouth, NH 03801
Operator contact name, title, and Address:	Operator's liability is with the Owner or representative Mr. Michael Caron. The site's overall supervision rests with Mr. John M. Ouellette the Project Manager, from **RANSOM CONSULTING, INC.,** located at 112 Corporate Drive, Portsmouth, New Hampshire 03801.
	Email: www.ransomenv.com;, Ph n:603 4361490
Estimated date of clean up Completion:	October 5, 2012
Category and Sub-Category:	Category I- Petroleum Related Site Remediation. Subcategory A. Gasoline Only Sites
RGP Termination Date:	September 10, 2015
Receiving Water:	Isinglass River

Monitoring & Limits are applicable if checked. All samples are to be collected as grab samples

	Parameter	**Effluent Limit/Method#/ML** (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
	1. Total Suspended Solids (TSS)	30 milligrams/liter (mg/L) **, 50 mg/L for hydrostatic testing **, Me#60.2/ML5ug/L
	2. Total Residual Chlorine (TRC) [1]	Freshwater = 11 ug/L ** Saltwater = 7.5 ug/L **/ Me#330.5/ML 20ug/L
✓	3. Total Petroleum Hydrocarbons (TPH)	5.0 mg/L/ Me# 1664A/ML 5.0mg/L
	4. Cyanide (CN) [2, 3]	Freshwater = 5.2 ug/l ** Saltwater = 1.0 ug/L **/ Me#335.4/ML 10ug/L
✓	5. Benzene (B)	5ug/L /50.0 ug/L for hydrostatic testing only/ Me#8260C/ML 2 ug/L
✓	6. Toluene (T)	(limited as ug/L total BTEX)/ Me#8260C/ ML 2ug/L
✓	7. Ethylbenzene (E)	(limited as ug/L total BTEX) Me#8260C/

	Parameter	Effluent Limit/Method#/ML (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
		ML 2ug/L
√	8. (m,p,o) Xylenes (X)	(limited as ug/L total BTEX) Me#8260C/ ML 2ug/L
√	9. Total Benzene, Toluene, Ethyl Benzene, and Xylenes (BTEX) [4]	100 ug/L/ Me#8260C/ ML 2ug/L
	10. Ethylene Dibromide (EDB) (1,2- Dibromoethane)	0.05 ug/l/ Me#8260C/ ML 10ug/L
	11. Methyl-tert-Butyl Ether (MtBE)	70.0 ug/l/Me#8260C/ML 10ug/L
	12.tert-Butyl Alcohol (TBA) (TertiaryButanol)	Monitor Only(ug/L)/Me#8260C/ML 10ug/L
	13. tert-Amyl Methyl Ether (TAME)	Monitor Only(ug/L)/Me#8260C/ML 10ug/L
√	14. Naphthalene [5]	20 ug/L /Me#8260C/ML 2ug/L
	15. Carbon Tetrachloride	4.4 ug/L /Me#8260C/ ML 5ug/L
	16. 1,2 Dichlorobenzene (o-DCB)	600 ug/L /Me#8260C/ ML 5ug/L
	17. 1,3 Dichlorobenzene (m-DCB)	320 ug/L /Me#8260C/ ML 5ug/L
	18. 1,4 Dichlorobenzene (p-DCB)	5.0 ug/L /Me#8260C/ ML 5ug/L
	18a. Total dichlorobenzene	763 ug/L - NH only /Me#8260C/ ML 5ug/L
	19. 1,1 Dichloroethane (DCA)	70 ug/L /Me#8260C/ ML 5ug/L
	20. 1,2 Dichloroethane (DCA)	5.0 ug/L /Me#8260C/ ML 5ug/L
	21. 1,1 Dichloroethene (DCE)	3.2 ug/L/Me#8260C/ ML 5ug/L
	22. cis-1,2 Dichloroethene (DCE)	70 ug/L/Me#8260C/ ML 5ug/L
	23. Methylene Chloride	4.6 ug/L/Me#8260C/ ML 5ug/L
	24. Tetrachloroethene (PCE)	5.0 ug/L/Me#8260C/ ML 5ug/L
	25. 1,1,1 Trichloro-ethane (TCA)	200 ug/L/Me#8260C/ ML 5ug/L
	26. 1,1,2 Trichloro-ethane (TCA)	5.0 ug/L /Me#8260C/ ML 5ug/L
	27. Trichloroethene (TCE)	5.0 ug/L /Me#8260C/ ML 5ug/L
	28. Vinyl Chloride (Chloroethene)	2.0 ug/L /Me#8260C/ ML 5ug/L
	29. Acetone	Monitor Only(ug/L)/Me#8260C/ML 50ug/L
	30. 1,4 Dioxane	Monitor Only /Me#1624C/ML 50ug/L
	31. Total Phenols	300 ug/L Me#420.1&420.2/ML 2 ug/L/ Me# 420.4 /ML 50ug/L
	32. Pentachlorophenol (PCP)	1.0 ug/L /Me#8270D/ML 5ug/L,Me#604 &625/ML 10ug/L
	33. Total Phthalates (Phthalate esters) [6]	3.0 ug/L ** /Me#8270D/ML 5ug/L, Me#606/ML 10ug/L& Me#625/ML 5ug/L

	Parameter	Effluent Limit/Method#/ML (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
	34. Bis (2-Ethylhexyl) Phthalate [Di- (ethylhexyl) Phthalate]	6.0 ug/L /Me#8270D/ML 5ug/L,Me#606/ML 10ug/L & Me#625/ML 5ug/L
	35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	10.0 ug/L
	a. Benzo(a) Anthracene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	b. Benzo(a) Pyrene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	c. Benzo(b)Fluoranthene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	d. Benzo(k)Fluoranthene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	e. Chrysene [7]	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	f. Dibenzo(a,h)anthracene [7]	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	g. Indeno(1,2,3-cd) Pyrene [7]	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML5ug/L
	36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	100 ug/L
	h. Acenaphthene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	i. Acenaphthylene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	j. Anthracene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	k. Benzo(ghi) Perylene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	l. Fluoranthene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	m. Fluorene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	n. Naphthalene [5]	20 ug/l / Me#8270/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
	o. Phenanthrene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	p. Pyrene	X/Me#8270D/ML5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	37. Total Polychlorinated Biphenyls (PCBs) [8, 9]	0.000064 ug/L/Me# 608/ ML 0.5 ug/L
√	38. Chloride	Monitor only/Me# 300.0/ ML 100 ug/L

	Metal parameter	Total Recoverable Metal Limit @ H [10]= 50 mg/l CaCO3 for discharges in New Hampshire(ug/l) 11/12		Minimum level=ML	
		Freshwater			
	39. Antimony	5.6/ML 10			
	40. Arsenic **	10/ML20			
	41. Cadmium **	0.8/ML10			
	42. Chromium III (trivalent) **	27.7/ML15			
	43. Chromium VI (hexavalent) **	11.4/ML10			
	44. Copper **	2.9/ML15			
√	45. Lead **	1.85/ML20			
	46. Mercury **	0.9/ML0.2			
	47. Nickel **	16.1/ML20			
	48. Selenium **	5.0/ML20			
	49. Silver	0.4/ML10			
	50. Zinc **	37/ML15			
√	51. Iron	3,740/ML 20			

	Other Parameters	Limit
√	52. Instantaneous Flow	Site specific in CFS
√	53. Total Flow	Site specific in CFS
	54. pH Range for Class A & Class B Waters in MA	6.5-8.3; 1/Month/Grab[13]
	55. pH Range for Class SA & Class SB Waters in MA	6.5-8.3; 1/Month/Grab[13]
√	56. pH Range for Class B Waters in NH	6.5-8; 1/Month/Grab[13]
	57. Daily maximum temperature - Warm water fisheries	83°F; 1/Month/Grab[14]
	58. Daily maximum temperature - Cold water fisheries	68°F; 1/Month/Grab[14]
	59. Maximum Change in Temperature in MA - Any Class A water body	1.5°F; 1/Month/Grab[14]
	60. Maximum Change in Temperature in MA - Any Class B water body- Warm Water	5°F; 1/Month/Grab[14]
	61. Maximum Change in Temperature in MA – Any Class B water body - Cold water and Lakes/Ponds	3°F; 1/Month/Grab[14]
	62. Maximum Change in Temperature in MA – Any Class SA water body - Coastal	1.5°F; 1/Month/Grab[14]
	63. Maximum Change in Temperature in MA – Any Class SB water body - July to September	1.5°F; 1/Month/Grab[14]
	64. Maximum Change in Temperature in MA –Any Class SB water body - October to June	4°F; 1/Month/Grab[14]

Footnotes:

[1] Although the maximum values for TRC are 11ug/l and 7.5 ug/l for freshwater, and saltwater respectively, the compliance limits are equal to the minimum level (ML) of the test method used as listed in Appendix VI (i.e., Method 330.5, 20 ug/l).

[2] Limits for cyanide are based on EPA's water quality criteria expressed as micrograms per liter. There is currently no EPA approved test method for free cyanide. Therefore, total cyanide must be reported.
[3] Although the maximum values for cyanide are 5.2 ug/l and 1.0 ug/l for freshwater and saltwater, respectively, the compliance limits are equal to the minimum level (ML) of the Method 335.4 as listed in Appendix VI (i.e., 10 ug/l).
[4] BTEX = sum of Benzene, Toluene, Ethylbenzene, and total Xylenes.
[5] Naphthalene can be reported as both a purgeable (VOC) and extractable (SVOC) organic compound. If both VOC and SVOC are analyzed, the highest value must be used unless the QC criteria for one of the analyses is not met. In such cases, the value from the analysis meeting the QC criteria must be used.
[6] The sum of individual phthalate compounds(not including the #34, Bis (2-Ethylhexyl) Phthalate . The compliance limits are equal to the minimum level (ML) of the test method used as listed in Appendix VI.
Total values calculated for reporting on NOIs and discharge monitoring reports shall be calculated by adding the measured concentration of each constituent. If the measurement of a constituent is less than the ML, the permittee shall use a value of zero for that constituent. For each test, the permittee shall also attach the raw data for each constituent to the discharge monitoring report, including the minimum level and minimum detection level for the analysis.
[7] Although the maximum value for the individual PAH compounds is 0.0038 ug/l, the compliance limits are equal to the minimum level (ML) of the test method used as listed in Appendix VI.
[8] In the November 2002 WQC, EPA has revised the definition of Total PCBs for aquatic life as total PCBs is the sum of all homologue, all isomer, all congener, or all "Oroclor analyses."Total values calculated for reporting on NOIs and discharge monitoring reports shall be calculated by adding the measured concentration of each constituent. If the measure of a constituent is less than the ML, the permittee shall use a value of zero for that constituent. For each test, the permittee shall also attach the raw data for each constituent to the discharge monitoring report, including the minimum level and minimum detection level for the analysis.
[9]Although the maximum value for total PCBs is 0.000064 ug/l, the compliance limit is equal to the minimum level (ML) of the test method used as listed in Appendix VI (i.e., 0.5 ug/l for Method 608 or 0.00005 ug/l when Method 1668a is approved).
[10] Hardness. Cadmium, Chromium III, Copper, Lead, Nickel, Silver, and Zinc are Hardness Dependent.
[11] For a Dilution Factor (DF) from 1 to 5, metals limits are calculated using DF times the base limit for the metal. See Appendix IV. For example, iron limits are calculated using DF x 1,000ug/L (the iron base limit). Therefore DF is 1.5, the iron limit will be 1,500 ug/L; DF 2, then iron limit =1,000 x 2 =2,000 ug/L., etc. not to exceed the DF=5.
[12] Minimum Level (ML) is the lowest level at which the analytical system gives a recognizable signal and acceptable calibration point for the analyte. The ML represents the lowest concentration at which an analyte can be measured with a known level of confidence. The ML is calculated by multiplying the laboratory-determined method detection limit by 3.18 (see 40 CFR Part 136, Appendix B).
[13] pH sampling for compliance with permit limits may be performed using field methods as provided for in EPA test Method 150.1.
[14] Temperature sampling per Method 170.1

B. Suggested Form for Notice of Intent (NOI) for the Remediation General Permit

1. General facility/site information. Please provide the following information about the site:

a) Name of **facility/site**: Blue Loon General Store		**Facility/site** mailing address:			
Location of **facility/site**: longitude: 43.241542 latitude: -71.150955	Facility SIC code(s): 5411	Street: 564 Province Road			
b) Name of **facility/site owner:**		Town: Strafford			
Email address of facility/site owner: mcaron@windhampd.com		State: New Hampshire	Zip: 03884	County: Strafford	
Telephone no. of facility/site **owner**: (603) 664-7188					
Fax no. of facility/site **owner**:		**Owner** is (check one): 1. Federal ○ 2. State/Tribal ○ 3. Private ⊙ 4. Other ○ if so, describe:			
Address of **owner** (if different from site):					
Street:					
Town:	State:	Zip:	County:		
c) Legal name of **operator**:	**Operator** telephone no: (603) 664-7188				
Mr. Michael Caron	**Operator** fax no.:	**Operator** email: mcaron@windhampd.com			
Operator contact name and title:					
Address of **operator** (if different from owner):	Street:				
Town:	State:	Zip:	County:		

d) Check Y for "yes" or N for "no" for the following:
1. Has a prior NPDES permit exclusion been granted for the discharge? Y ○ N ◉, if Y, number:
2. Has a prior NPDES application (Form 1 & 2C) ever been filed for the discharge?
Y ○ N ◉, if Y, date and tracking #:
3. Is the discharge a "new discharge" as defined by 40 CFR 122.2? Y ◉ N ○
4. For sites in Massachusetts, is the discharge covered under the Massachusetts Contingency Plan (MCP) and exempt from state permitting? Y ○ N ○

e) Is site/facility subject to any State permitting, license, or other action which is causing the generation of discharge? Y ◉ N ○
If Y, please list:
1. site identification # assigned by the state of NH or MA: 199408056
2. permit or license # assigned: None
3. state agency contact information: name, location, and telephone number:

Mr. Slava Karnauk
New Hampshire Department of Environmental Services

f) Is the site/facility covered by any other EPA permit, including:
1. Multi-Sector General Permit? Y ○ N ◉,
if Y, number:
2. Final Dewatering General Permit? Y ○ N ◉,
if Y, number:
3. EPA Construction General Permit? Y ○ N ◉,
if Y, number:
4. Individual NPDES permit? Y ○ N ◉,
if Y, number:
5. any other water quality related individual or general permit? Y ○ N ◉, if Y, number:

g) Is the site/facility located within or does it discharge to an Area of Critical Environmental Concern (ACEC)? Y ○ N ◉

h) Based on the facility/site information and any historical sampling data, identify the sub-category into which the potential discharge falls.

Activity Category	**Activity Sub-Category**
I - Petroleum Related Site Remediation	A. Gasoline Only Sites ☒ B. Fuel Oils and Other Oil Sites (including Residential Non-Business Remediation Discharges) ☐ C. Petroleum Sites with Additional Contamination ☐
II - Non Petroleum Site Remediation	A. Volatile Organic Compound (VOC) Only Sites ☐ B. VOC Sites with Additional Contamination ☐ C. Primarily Heavy Metal Sites ☐
III - Contaminated Construction Dewatering	A. General Urban Fill Sites ☐ B. Known Contaminated Sites ☐

IV - Miscellaneous Related Discharges	A. Aquifer Pump Testing to Evaluate Formerly Contaminated Sites ☐ B. Well Development/Rehabilitation at Contaminated/Formerly Contaminated Sites ☐ C. Hydrostatic Testing of Pipelines and Tanks ☐ D. Long-Term Remediation of Contaminated Sumps and Dikes ☐ E. Short-term Contaminated Dredging Drain Back Waters (if not covered by 401/404 permit) ☐

2. Discharge information. Please provide information about the discharge, (attaching additional sheets as necessary) including:

a) Describe the discharge activities for which the owner/applicant is seeking coverage:

The discharge is from groundwater recovered from gasoline-contaminated soil excavation activities. The discharge will be treated on site using granular activated charcoal (GAC) prior to discharge to the Isinglass River.

b) Provide the following information about each discharge:

1) Number of discharge points: 1

2) What is the **maximum** and **average flow rate** of discharge (in cubic feet per second, ft^3/s)?
Max. flow 0.14 Is maximum flow a **design value**? Y ○ N ○
Average flow (include units) 63 Is average flow a design value or estimate? estimate

3) Latitude and longitude of each discharge within 100 feet:

pt.1: lat	43.241964	long	-71.151137	pt.2: lat.		long.	;
pt.3: lat		long		pt.4: lat.		long.	;
pt.5: lat		long		pt.6: lat.		long.	;
pt.7: lat		long		pt.8: lat.		long.	; etc.

4) If hydrostatic testing, total volume of the discharge (gals):

5) Is the discharge intermittent ⊙ or seasonal ○ ?
Is discharge ongoing? Y ○ N ○

c) Expected dates of discharge (mm/dd/yy): start September 17, 2012 end October 5, 2012

d) Please attach a line drawing or flow schematic showing water flow through the facility including:
1. sources of intake water, 2. contributing flow from the operation, 3. treatment units, and 4. discharge points and receiving waters(s).

3. Contaminant information.

a) Based on the sub-category selected (see Appendix III), indicate whether each listed chemical is **believed present** or **believed absent** in the potential discharge. Attach additional sheets as needed.

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
1. Total Suspended Solids (TSS)		☐	☒	1	Grab	2540D	10,000 ug/L	ND		ND	
2. Total Residual Chlorine (TRC)		☒	☐								
3. Total Petroleum Hydrocarbons (TPH)		☐	☒	1	Grab	8015B	5 ug/L	ND		ND	
4. Cyanide (CN)	57125	☒	☐								
5. Benzene (B)	71432	☐	☒	34	Grab	8260B	2ug/L	ND		ND	
6. Toluene (T)	108883	☐	☒	34	Grab	8260B	2ug/L	ND		ND	
7. Ethylbenzene (E)	100414	☐	☒	34	Grab	8260B	2ug/L	ND		ND	
8. (m,p,o) Xylenes (X)	108883; 106423; 95476; 1330207	☐	☒	34	Grab	8260B	2ug/L	ND		ND	
9. Total BTEX [2]	n/a	☐	☒	34	Grab	8260B	2ug/L	ND		ND	
10. Ethylene Dibromide (EDB) (1,2-Dibromoethane) [3]	106934	☒	☐	34	Grab	8260B	10 ug/L	ND		ND	
11. Methyl-tert-Butyl Ether (MtBE)	1634044	☐	☒	34	Grab	8260B	10 ug/L	ND		ND	
12. tert-Butyl Alcohol (TBA) (Tertiary-Butanol)	75650	☐	☒	34	Grab	8260B	10 ug/L	ND		ND	

* Numbering system is provided to allow cross-referencing to Effluent Limits and Monitoring Requirements by Sub-Category included in Appendix III, as well as the Test Methods and Minimum Levels associated with each parameter provided in Appendix VI.

[2] BTEX = Sum of Benzene, Toluene, Ethylbenzene, total Xylenes.

[3] EDB is a groundwater contaminant at fuel spill and pesticide application sites in New England.

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
13. tert-Amyl Methyl Ether (TAME)	9940508	☐	☒	34	Grab	8260B	10 ug/L	ND		ND	
14. Naphthalene	91203	☐	☒	34	Grab	8260B	2 ug/L	ND		ND	
15. Carbon Tetrachloride	56235	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
16. 1,2 Dichlorobenzene (o-DCB)	95501	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
17. 1,3 Dichlorobenzene (m-DCB)	541731	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
18. 1,4 Dichlorobenzene (p-DCB)	106467	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
18a. Total dichlorobenzene		☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
19. 1,1 Dichloroethane (DCA)	75343	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
20. 1,2 Dichloroethane (DCA)	107062	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
21. 1,1 Dichloroethene (DCE)	75354	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
22. cis-1,2 Dichloroethene (DCE)	156592	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
23. Methylene Chloride	75092	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
24. Tetrachloroethene (PCE)	127184	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
25. 1,1,1 Trichloro-ethane (TCA)	71556	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
26. 1,1,2 Trichloro-ethane (TCA)	79005	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
27. Trichloroethene (TCE)	79016	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
28. Vinyl Chloride (Chloroethene)	75014	☒	☐	34	Grab	8260B	5 ug/L	ND		ND	
29. Acetone	67641	☒	☐	34	Grab	8260B	50 ug/L	ND		ND	
30. 1,4 Dioxane	123911	☒	☐								
31. Total Phenols	108952	☒	☐								
32. Pentachlorophenol (PCP)	87865	☒	☐								
33. Total Phthalates (Phthalate esters) [4]		☒	☐								
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	117817	☒	☐								
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)		☒	☐								
a. Benzo(a) Anthracene	56553	☒	☐								
b. Benzo(a) Pyrene	50328	☒	☐								
c. Benzo(b)Fluoranthene	205992	☒	☐								
d. Benzo(k)Fluoranthene	207089	☒	☐								
e. Chrysene	21801	☒	☐								
f. Dibenzo(a,h)anthracene	53703	☒	☐								
g. Indeno(1,2,3-cd) Pyrene	193395	☒	☐								
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)		☒	☐								

[4] The sum of individual phthalate compounds.

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
h. Acenaphthene	83329	☒	☐								
i. Acenaphthylene	208968	☒	☐								
j. Anthracene	120127	☒	☐								
k. Benzo(ghi) Perylene	191242	☒	☐								
l. Fluoranthene	206440	☒	☐								
m. Fluorene	86737	☒	☐								
n. Naphthalene	91203	☒	☐								
o. Phenanthrene	85018	☒	☐								
p. Pyrene	129000	☒	☐								
37. Total Polychlorinated Biphenyls (PCBs)	85687; 84742; 117840; 84662; 131113; 117817.	☒	☐								
38. Chloride	16887006	☒	☐								
39. Antimony	7440360	☒	☐								
40. Arsenic	7440382	☒	☐								
41. Cadmium	7440439	☒	☐								
42. Chromium III (trivalent)	16065831	☒	☐								
43. Chromium VI (hexavalent)	18540299	☒	☐								
44. Copper	7440508	☒	☐								
45. Lead	7439921	☐	☒	1	Grab	6010B	0.5 ug/L	ND		ND	
46. Mercury	7439976	☒	☐								
47. Nickel	7440020	☒	☐								
48. Selenium	7782492	☒	☐								
49. Silver	7440224	☒	☐								
50. Zinc	7440666	☒	☐								
51. Iron	7439896	☐	☒	1	Grab	6010B	50 ug/L	ND		ND	
Other (describe):		☐	☐								

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Average daily value	
								concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
		☐	☐								
		☐	☐								

b) For discharges where **metals** are believed present, please fill out the following (attach results of any calculations):

Step 1: Do any of the metals in the influent exceed the effluent limits in Appendix III (i.e., the limits set at zero dilution)? Y ○ N ⊙	If yes, which metals?
Step 2: For any metals which exceed the **Appendix III** limits, calculate the **dilution factor (DF)** using the formula in Part I.A.3.c (step 2) of the NOI instructions or as determined by the State prior to the submission of this NOI. What is the dilution factor for applicable metals? Metal: DF: Metal: DF: Metal: DF: Metal: DF: Etc.	Look up the limit calculated at the corresponding dilution factor in **Appendix IV.** Do any of the metals in the **influent** have the potential to exceed the corresponding **effluent** limits in Appendix IV (i.e., is the influent concentration above the limit set at the calculated dilution factor)? Y ○ N ⊙ If Y, list which metals:

4. Treatment system information. Please describe the treatment system using separate sheets as necessary, including:

a) A description of the treatment system, including a schematic of the proposed or existing treatment system:

The objective of the treatment system is to recover and treat groundwater impacted with petroleum hydrocarbons as part of dewatering associated with gasoline-contaminated soil excavation activities. Groundwater will be pumped from the open excavation into a fractionation tank to allow silt and fines to settle out. Water from the fractionation tank will be pumped into the treatment system, which will consist of two granular-activated carbon (GAC) filtering vessels and into another fractionation tank, prior to discharge to the Isinglass River.

b) Identify each applicable treatment unit (check all that apply):	Frac. tank ☒	Air stripper ☐	Oil/water separator ☐	Equalization tanks ☐	Bag filter ☒	GAC filter ☒
	Chlorination ☐	De-chlorination ☐	Other (please describe):			

c) Proposed **average** and **maximum flow rates** (gallons per minute) for the discharge and the **design flow rate**(s) (gallons per minute) of the treatment system:
Average flow rate of discharge 63 gpm Maximum flow rate of treatment system 70 gpm
Design flow rate of treatment system 70 gpm

d) A description of chemical additives being used or planned to be used (attach MSDS sheets):

5. Receiving surface water(s). Please provide information about the receiving water(s), using separate sheets as necessary:

a) Identify the discharge pathway:	Direct to receiving water ☒	Within facility (sewer) ☐	Storm drain ☐	Wetlands ☐	Other (describe):

b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters:
After treatment, water will be discharged to the Isinglass River.

c) Attach a detailed map(s) indicating the site location and location of the outfall to the receiving water:
1. For multiple discharges, number the discharges sequentially.
2. For indirect dischargers, indicate the location of the discharge to the indirect conveyance and the discharge to surface water
The map should also include the location and distance to the nearest sanitary sewer as well as the locus of nearby sensitive receptors (based on USGS topographical mapping), such as surface waters, drinking water supplies, and wetland areas.

d) Provide the state water quality classification of the receiving water B

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water 0.44 cfs
Please attach any calculation sheets used to support stream flow and dilution calculations.

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Y ○ N ⊙ If yes, for which pollutant(s)?

Is there a final TMDL? Y ○ N ⊙ If yes, for which pollutant(s)?

6. ESA and NHPA Eligibility.

Please provide the following information according to requirements of Permit Parts I.A.4 and I.A.5 Appendices II and VII.

a) Using the instructions in Appendix VII and information on Appendix II, under which criterion listed in Part I.C are you eligible for coverage under this general permit?

A ___ B ___ C ___ D ___ E ___ F ___

b) If you selected Criterion D or F, has consultation with the federal services been completed? Y___ N___ Underway___

c) If consultation with U.S. Fish and Wildlife Service and/or NOAA Fisheries Service was completed, was a written concurrence finding that the discharge is "not likely to adversely affect" listed species or critical habitat received? Y___ N___

d) Attach documentation of ESA eligibility as described in the NOI instructions and required by Appendix VII, Part I.C, Step 4.

e) Using the instructions in Appendix VII, under which criterion listed in Part II.C are you eligible for coverage under this general permit?

1 ___ 2 ___ 3 ___

f) If Criterion 3 was selected, attach all written correspondence with the State or Tribal historic preservation officers, including any terms and conditions that outline measures the applicant must follow to mitigate or prevent adverse effects due to activities regulated by the RGP.

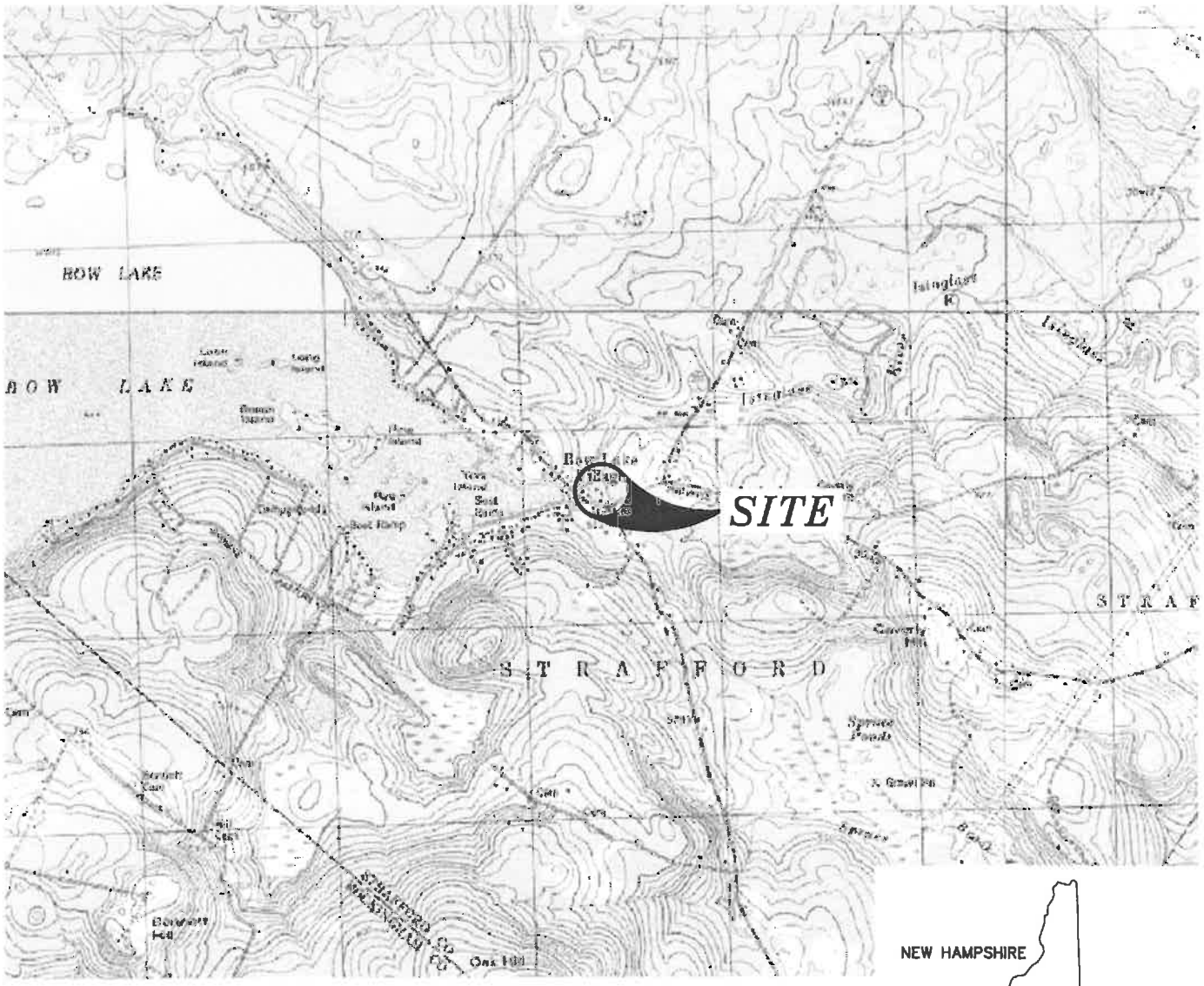
7. Supplemental information.

Please provide any supplemental information. Attach any analytical data used to support the application. Attach any certification(s) required by the general permit.

8. Signature Requirements: The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22, including the following certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Facility/Site Name:	Blue Loon General Store - 554 Province Road - Strafford, New Hampshire
Operator signature:	
Printed Name & Title:	Mr. Michael Caron, Owner
Date:	August 30, 2012



TAKEN FROM U.S.G.S. 7.5x15 MINUTE SERIES TOPOGRAPHIC MAP OF NORTHWOOD, NEW HAMPSHIRE–1995

CONTOUR INTERVAL IS 10 FEET

SITE COORDINATES: LATITUDE 43°14'30"
LONGITUDE 71°09'04"

UTM COORDINATES: 47: 89: 688mN
3: 25: 391mE

QUADRANGLE LOCATION

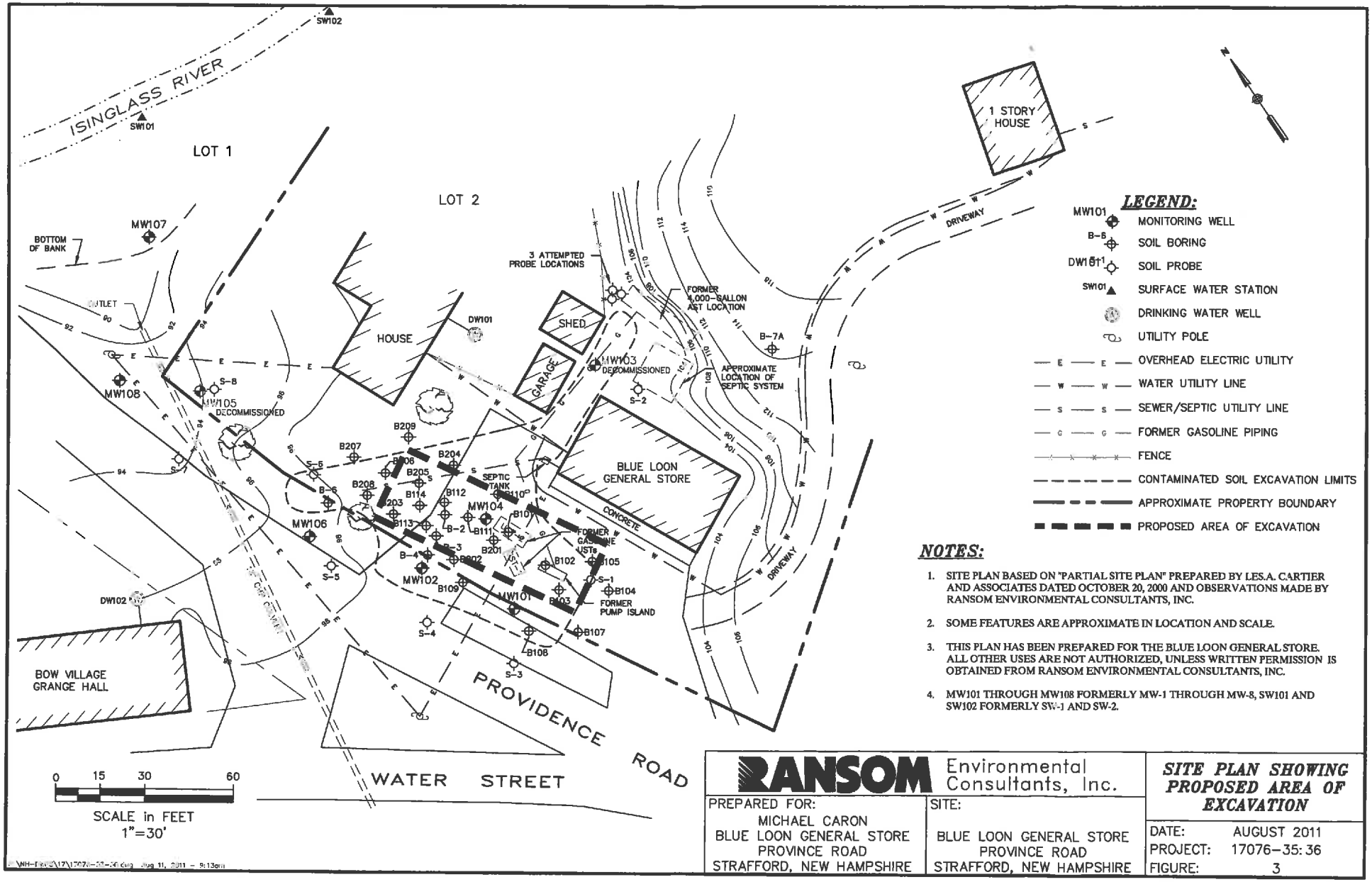
SCALE in FEET
1:24,000

RANSOM Consulting, Inc.

SITE LOCATION MAP

PREPARED FOR:	SITE:	DATE: AUGUST 2012
MICHAEL CARON BLUE LOON GENERAL STORE PROVINCE ROAD STRAFFORD, NEW HAMPSHIRE	BLUE LOON GENERAL STORE PROVINCE ROAD STRAFFORD, NEW HAMPSHIRE	PROJECT: 17076 FIGURE: 1

O:\NH-DWGS\17\17076-SLM.dwg



LEGEND:

- MW101 — MONITORING WELL
- B-6 — SOIL BORING
- DW101 — SOIL PROBE
- SW101 — SURFACE WATER STATION
- DRINKING WATER WELL
- UTILITY POLE
- OVERHEAD ELECTRIC UTILITY
- WATER UTILITY LINE
- SEWER/SEPTIC UTILITY LINE
- FORMER GASOLINE PIPING
- FENCE
- CONTAMINATED SOIL EXCAVATION LIMITS
- APPROXIMATE PROPERTY BOUNDARY
- PROPOSED AREA OF EXCAVATION

NOTES:

1. SITE PLAN BASED ON "PARTIAL SITE PLAN" PREPARED BY LES.A. CARTIER AND ASSOCIATES DATED OCTOBER 20, 2000 AND OBSERVATIONS MADE BY RANSOM ENVIRONMENTAL CONSULTANTS, INC.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR THE BLUE LOON GENERAL STORE. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM ENVIRONMENTAL CONSULTANTS, INC.
4. MW101 THROUGH MW108 FORMERLY MW-1 THROUGH MW-8, SW101 AND SW102 FORMERLY SW-1 AND SW-2.

RANSOM Environmental Consultants, Inc.

PREPARED FOR:
MICHAEL CARON
BLUE LOON GENERAL STORE
PROVINCE ROAD
STRAFFORD, NEW HAMPSHIRE

SITE:
BLUE LOON GENERAL STORE
PROVINCE ROAD
STRAFFORD, NEW HAMPSHIRE

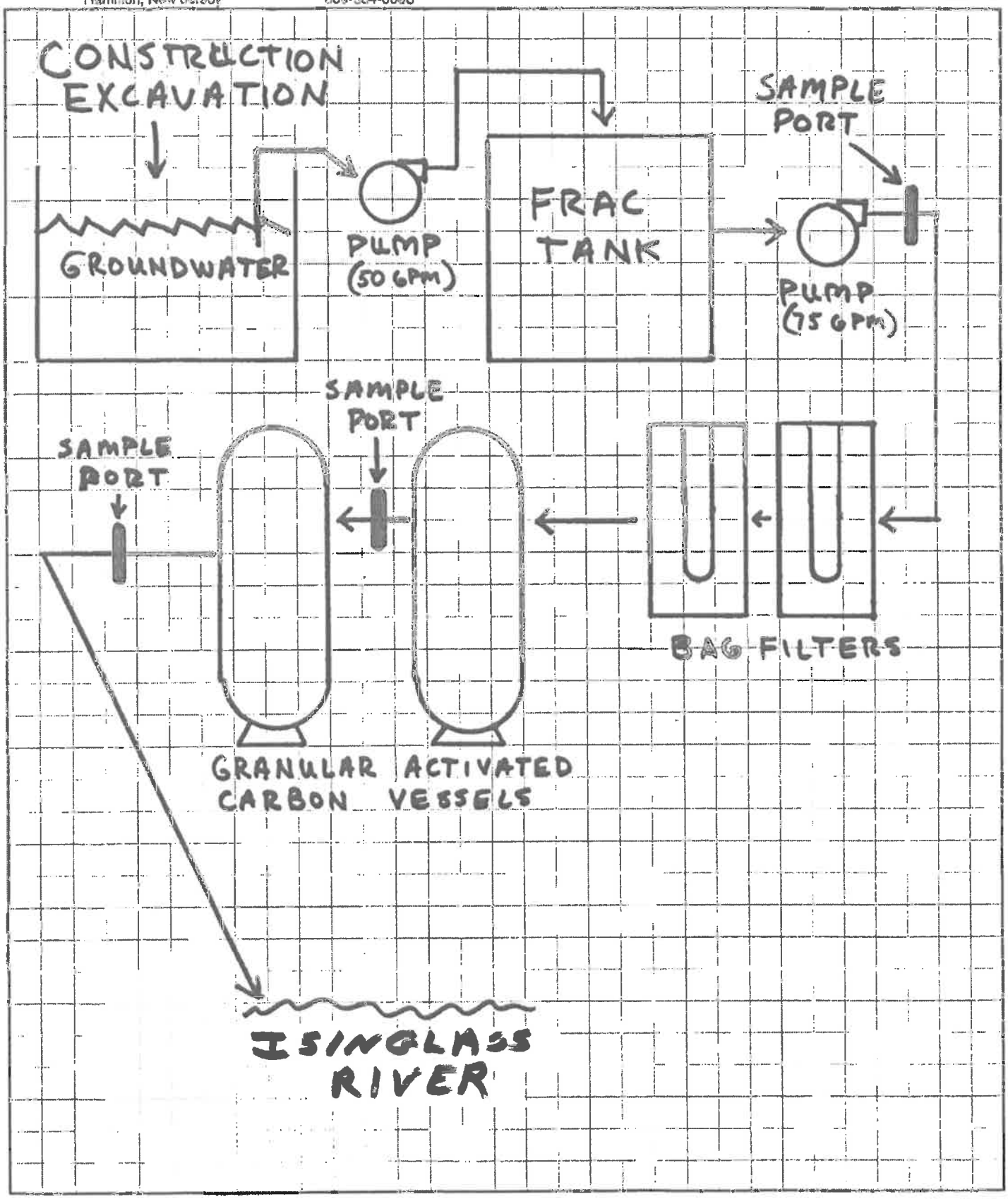
SITE PLAN SHOWING PROPOSED AREA OF EXCAVATION

DATE: AUGUST 2011
PROJECT: 17076-35:36
FIGURE: 3

RANSOM Environmental Consultants, Inc.

Newburyport, Massachusetts 978-465-1822
Providence, Rhode Island 401-433-2160
Portsmouth, New Hampshire 603-436-1490
Portland, Maine 207-772-2891
Hamilton, New Jersey 609-584-0080

PROJECT NO. _____ SITE _____
SHEET NO. _____ OF _____
CALCULATED BY _____ DATE _____
CHECKED BY _____ DATE _____
SCALE _____



Reorder from NEBS CUSTOM printing service 1-800-883-0022 NEBS Inc. Peterborough, NH 03458 www.nebs.com

John M. Ouellette

From: Andrews, Jeff [Jeffrey.Andrews@des.nh.gov]
Sent: Wednesday, August 01, 2012 1:12 PM
To: John M. Ouellette
Subject: RE: USGS Map

Hi John, I finished my calculations for the 7Q10 at the outlet of the Bow Lake dam and it's 0.44 cfs.

Please call me if you have any questions.

Thanks, Jeff

Jeffrey G. Andrews, P.E.
Sanitary Engineer
Wastewater Engineering Bureau
NH Department of Environmental Services
Tel: (603) 271-2984
Fax: (603) 271-4128
E-mail: Jeff.Andrews@des.nh.gov

-----Original Message-----
From: John M. Ouellette [mailto:jouellette@ransomenv.com]
Sent: Tuesday, July 31, 2012 4:16 PM
To: Andrews, Jeff
Subject: USGS Map

Thanks Jeff,

Attached please find a marked USGS map showing the discharge location.

-John

Hi John, FYI the NOI for the RGP requires info from me on the design low flow (i.e. 7Q10) of the receiving water, which is the Isinglass River. If you plan to pursue coverage under the RGP let me know the exact location of the proposed outfall as soon as possible so I can work on calculating the 7Q10. All I need is a copy of a USGS map with the location clearly marked.

Thanks, Jeff

Jeffrey G. Andrews, P.E.
Sanitary Engineer
Wastewater Engineering Bureau
NH Department of Environmental Services
Tel: (603) 271-2984
Fax: (603) 271-4128
E-mail: Jeff.Andrews@des.nh.gov

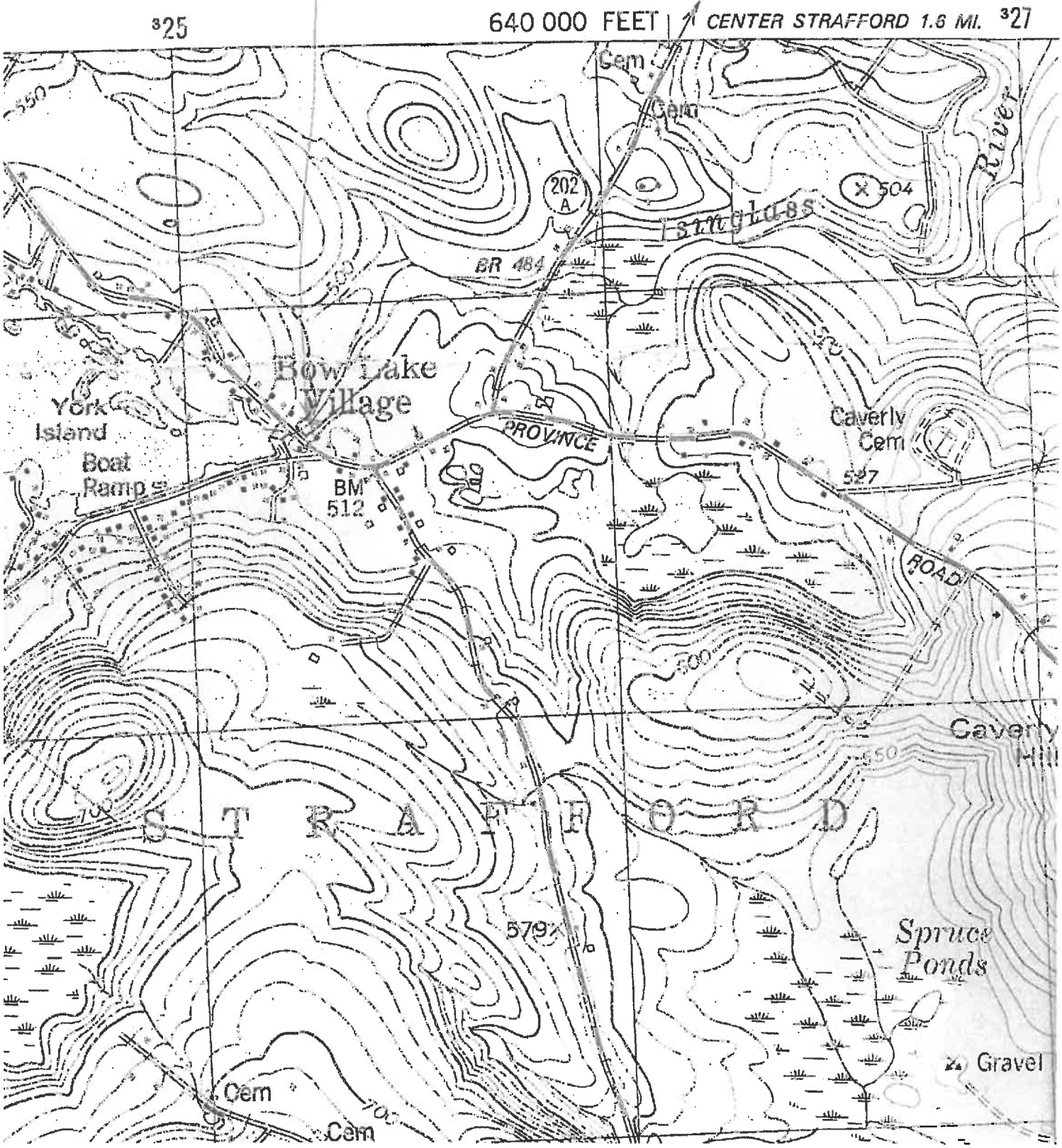
Just below the dam.

NORTHWOOD QUADRA

NEW HAMPSHIRE

7.5 MINUTE SERIES (TOPOC

NW/4 MT PAWTUCKAWAY 15' QUADRA



John M. Ouellette

From: Maria_Tur@fws.gov
Sent: Thursday, August 16, 2012 1:48 PM
To: John M. Ouellette
Subject: Re: FW: USGS Map
Attachments: SKMBT_C45212073114580.pdf

Hello John,

I checked the location of the nearest known small whorled pogonia in relation to your project site. The closest location is approximately 3 miles away. You should be able to print the letter from our web site that states that there are no Federally listed species at your project location. Thank you for coordinating with us.

Maria E. Tur
U.S. Fish and Wildlife Service
New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301
Phone (603) 223-2541 x12
FAX (603) 223-0104

http://www.fws.gov/newengland/
"John M. Ouellette" <jouellette@ransomenv.com>

"John M. Ouellette"
<jouellette@ransomenv.com>
08/16/2012 01:19 PM

To"maria_tur@fws.gov" <maria_tur@fws.gov>
cc
SubjectFW: USGS Map

From: John M. Ouellette
Sent: Tuesday, July 31, 2012 4:16 PM
To: 'Andrews, Jeff'
Subject: USGS Map

Thanks Jeff,

Attached please find a marked USGS map showing the discharge location.

-John

Hi John, FYI the NOI for the RGP requires info from me on the design low flow (i.e. 7Q10) of the receiving water, which is the Isinglass River. If you plan to pursue coverage under the RGP let me know the exact location of the proposed outfall as soon as possible so I can work on calculating the

7Q10. All I need is a copy of a USGS map with the location clearly marked.

Thanks, Jeff

Jeffrey G. Andrews, P.E.
Sanitary Engineer
Wastewater Engineering Bureau
NH Department of Environmental Services
Tel: (603) 271-2984
Fax: (603) 271-4128
E-mail: Jeff.Andrews@des.nh.gov

(See attached file: SKMBT_C45212073114580.pdf)

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. John Ouellette
Ransom Consulting, Inc.
112 Corporate Drive
Portsmouth NH 03801

Report Number: 72787

Revision: Rev. 0

Re: Blue Loon General Store Property (Project No: 17076-39)

Enclosed are the results of the analyses on your sample(s). Samples were received on 04 May 2012 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
72787-1	05/04/12	MW101	EPA 8260 Volatile Organics	
72787-2	05/04/12	MW102	EPA 8260 Volatile Organics	
72787-3	05/04/12	MW104	EPA 8260 Volatile Organics	
72787-4	05/04/12	MW106	EPA 8260 Volatile Organics	
72787-5	05/04/12	MW107	EPA 8260 Volatile Organics	
72787-6	05/04/12	DW101	EPA 524.2 Volatile Organics	
72787-7	05/04/12	DW102	EPA 524.2 Volatile Organics	
72787-8	05/04/12	Trip Blank	EPA 524.2 Volatile Organics	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and North Carolina, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 5/17/2012

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analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. John Ouellette
Ransom Consulting, Inc.
112 Corporate Drive
Portsmouth NH 03801

May 15, 2012

SAMPLE DATA

Lab Sample ID:	72787-1
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	10
Collection Date:	05/04/12
Lab Receipt Date:	05/04/12
Analysis Date:	05/14/12

CLIENT SAMPLE ID

Project Name:	Blue Loon General Store Property
Project Number:	17076-39
Field Sample ID:	MW101

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	10	**76**	1,3-Dichloropropane	10	U
Bromobenzene	10	U	cis-1,3-Dichloropropene	10	U
Bromochloromethane	10	U	trans-1,3-Dichloropropene	10	U
Bromodichloromethane	10	U	2,2-Dichloropropane	10	U
Bromoform	10	U	1,1-Dichloropropene	10	U
Bromomethane	20	U	Ethylbenzene	10	**439**
n-butylbenzene	10	U	Hexachlorobutadiene	10	U
sec-butylbenzene	10	U	Isopropylbenzene	10	**34**
tert-butylbenzene	10	U	p-isopropyltoluene	10	U
Carbon Tetrachloride	10	U	Methylene Chloride	50	U
Chlorobenzene	10	U	Methyl-tert-butyl ether (MTBE)	10	U
Chloroethane	10	U	Naphthalene	10	**141**
Chloroform	10	U	n-Propylbenzene	10	**92**
Chloromethane	10	U	Styrene	10	U
2-Chlorotoluene	10	U	1,1,1,2-Tetrachloroethane	10	U
4-Chlorotoluene	10	U	1,1,2,2-Tetrachloroethane	10	U
Dibromochloromethane	10	U	Tetrachloroethene	10	U
1,2-Dibromo-3-chloropropane	10	U	Toluene	10	**331**
1,2-Dibromoethane	10	U	1,2,3-Trichlorobenzene	10	U
Dibromomethane	10	U	1,2,4-Trichlorobenzene	10	U
1,2-Dichlorobenzene	10	U	1,1,1-Trichloroethane	10	U
1,3-Dichlorobenzene	10	U	1,1,2-Trichloroethane	10	U
1,4-Dichlorobenzene	10	U	Trichloroethene	10	U
Dichlorodifluoromethane	10	U	Trichlorofluoromethane	10	U
1,1-Dichloroethane	10	U	1,2,3-Trichloropropane	10	U
1,2-Dichloroethane	10	U	1,2,4-Trimethylbenzene	10	**632**
1,1-Dichloroethene	10	U	1,3,5-Trimethylbenzene	10	**112**
cis-1,2-Dichloroethene	10	U	Vinyl Chloride	10	U
trans-1,2-Dichloroethene	10	U	o-Xylene	10	**258**
1,2-Dichloropropane	10	U	m,p-Xylene	10	**660**
Acetone	100	U	Diethyl ether	10	U
Carbon Disulfide	10	U	2-Hexanone	100	U
Tetrahydrofuran	20	U	Methyl isobutyl ketone	100	U
Methyl ethyl ketone	100	U	Di-isopropyl ether (DIPE)	10	U
t-Butyl alcohol (TBA)	200	U	Ethyl t-butyl ether (ETBE)	10	U
t-Amyl methyl ether (TAME)	10	U	1,3,5-Trichlorobenzene	10	U
			1,4-Dioxane	300	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	83 %	d8-Toluene	109 %	Bromofluorobenzene	103 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS:

8260 2009 + Dioxane:Res(73):Rec(3)

Authorized signature

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. John Ouellette
Ransom Consulting, Inc.
112 Corporate Drive
Portsmouth NH 03801

May 17, 2012

SAMPLE DATA

Lab Sample ID:	72787-2
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/04/12
Lab Receipt Date:	05/04/12
Analysis Date:	05/16/12

CLIENT SAMPLE ID

Project Name:	Blue Loon General Store Property
Project Number:	17076-39
Field Sample ID:	MW102

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	1	**20**	1,3-Dichloropropane	1	U
Bromobenzene	1	U	cis-1,3-Dichloropropene	1	U
Bromochloromethane	1	U	trans-1,3-Dichloropropene	1	U
Bromodichloromethane	1	U	2,2-Dichloropropane	1	U
Bromoform	1	U	1,1-Dichloropropene	1	U
Bromomethane	2	U	Ethylbenzene	1	**9.4**
n-butylbenzene	1	U	Hexachlorobutadiene	1	U
sec-butylbenzene	1	**1.6**	Isopropylbenzene	1	**11**
tert-butylbenzene	1	U	p-isopropyltoluene	1	**1.1**
Carbon Tetrachloride	1	U	Methylene Chloride	5	U
Chlorobenzene	1	U	Methyl-tert-butyl ether (MTBE)	1	U
Chloroethane	1	U	Naphthalene	1	**10**
Chloroform	1	U	n-Propylbenzene	1	**14**
Chloromethane	1	U	Styrene	1	U
2-Chlorotoluene	1	U	1,1,1,2-Tetrachloroethane	1	U
4-Chlorotoluene	1	U	1,1,2,2-Tetrachloroethane	1	U
Dibromochloromethane	1	U	Tetrachloroethene	1	U
1,2-Dibromo-3-chloropropane	1	U	Toluene	1	**0.7 J**
1,2-Dibromoethane	1	U	1,2,3-Trichlorobenzene	1	U
Dibromomethane	1	U	1,2,4-Trichlorobenzene	1	U
1,2-Dichlorobenzene	1	U	1,1,1-Trichloroethane	1	U
1,3-Dichlorobenzene	1	U	1,1,2-Trichloroethane	1	U
1,4-Dichlorobenzene	1	U	Trichloroethene	1	U
Dichlorodifluoromethane	1	U	Trichlorofluoromethane	1	U
1,1-Dichloroethane	1	U	1,2,3-Trichloropropane	1	U
1,2-Dichloroethane	1	U	1,2,4-Trimethylbenzene	1	**24**
1,1-Dichloroethene	1	U	1,3,5-Trimethylbenzene	1	**10**
cis-1,2-Dichloroethene	1	U	Vinyl Chloride	1	U
trans-1,2-Dichloroethene	1	U	o-Xylene	1	U
1,2-Dichloropropane	1	U	m,p-Xylene	1	**1.0**
Acetone	10	U	Diethyl ether	1	U
Carbon Disulfide	1	U	2-Hexanone	10	U
Tetrahydrofuran	2	U	Methyl isobutyl ketone	10	U
Methyl ethyl ketone	10	U	Di-isopropyl ether (DIPE)	1	U
t-Butyl alcohol (TBA)	20	U	Ethyl t-butyl ether (ETBE)	1	U
t-Amyl methyl ether (TAME)	1	U	1,3,5-Trichlorobenzene	1	U
			1,4-Dioxane	30	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	95 %	d8-Toluene	94 %	Bromofluorobenzene	100 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS:

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8260 2009 + Dioxane:Rec(73):Rec(3)

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. John Ouellette
Ransom Consulting, Inc.
112 Corporate Drive
Portsmouth NH 03801

May 15, 2012

SAMPLE DATA

Lab Sample ID:	72787-3
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	50
Collection Date:	05/04/12
Lab Receipt Date:	05/04/12
Analysis Date:	05/14/12

CLIENT SAMPLE ID

Project Name: Blue Loon General Store Property

Project Number: 17076-39

Field Sample ID: MW104

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	50	**28 J**	1,3-Dichloropropane	50	U
Bromobenzene	50	U	cis-1,3-Dichloropropene	50	U
Bromochloromethane	50	U	trans-1,3-Dichloropropene	50	U
Bromodichloromethane	50	U	2,2-Dichloropropane	50	U
Bromoform	50	U	1,1-Dichloropropene	50	U
Bromomethane	100	U	Ethylbenzene	50	**472**
n-butylbenzene	50	U	Hexachlorobutadiene	50	U
sec-butylbenzene	50	U	Isopropylbenzene	50	**59**
tert-butylbenzene	50	U	p-isopropyltoluene	50	U
Carbon Tetrachloride	50	U	Methylene Chloride	250	U
Chlorobenzene	50	U	Methyl-tert-butyl ether (MTBE)	50	U
Chloroethane	50	U	Naphthalene	50	**281**
Chloroform	50	U	n-Propylbenzene	50	**153**
Chloromethane	50	U	Styrene	50	U
2-Chlorotoluene	50	U	1,1,1,2-Tetrachloroethane	50	U
4-Chlorotoluene	50	U	1,1,2,2-Tetrachloroethane	50	U
Dibromochloromethane	50	U	Tetrachloroethene	50	U
1,2-Dibromo-3-chloropropane	50	U	Toluene	50	**110**
1,2-Dibromoethane	50	U	1,2,3-Trichlorobenzene	50	U
Dibromomethane	50	U	1,2,4-Trichlorobenzene	50	U
1,2-Dichlorobenzene	50	U	1,1,1-Trichloroethane	50	U
1,3-Dichlorobenzene	50	U	1,1,2-Trichloroethane	50	U
1,4-Dichlorobenzene	50	U	Trichloroethene	50	U
Dichlorodifluoromethane	50	U	Trichlorofluoromethane	50	U
1,1-Dichloroethane	50	U	1,2,3-Trichloropropane	50	U
1,2-Dichloroethane	50	U	1,2,4-Trimethylbenzene	50	**1880**
1,1-Dichloroethene	50	U	1,3,5-Trimethylbenzene	50	**516**
cis-1,2-Dichloroethene	50	U	Vinyl Chloride	50	U
trans-1,2-Dichloroethene	50	U	o-Xylene	50	**712**
1,2-Dichloropropane	50	U	m,p-Xylene	50	**2670**
Acetone	500	U	Diethyl ether	50	U
Carbon Disulfide	50	U	2-Hexanone	500	U
Tetrahydrofuran	100	U	Methyl isobutyl ketone	500	U
Methyl ethyl ketone	500	U	Di-isopropyl ether (DIPE)	50	U
t-Butyl alcohol (TBA)	1000	U	Ethyl t-butyl ether (ETBE)	50	U
t-Amyl methyl ether (TAME)	50	U	1,3,5-Trichlorobenzene	50	U
			1,4-Dioxane	1500	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	82 %	d8-Toluene	103 %	Bromofluorobenzene	102 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS:

8260 2009 + Dioxane:Res(73):Rec(3)

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analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. John Ouellette
Ransom Consulting, Inc.
112 Corporate Drive
Portsmouth NH 03801

May 15, 2012

SAMPLE DATA

Lab Sample ID:	72787-4
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/04/12
Lab Receipt Date:	05/04/12
Analysis Date:	05/14/12

CLIENT SAMPLE ID

Project Name:	Blue Loon General Store Property
Project Number:	17076-39
Field Sample ID:	MW106

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	1	2.9	1,3-Dichloropropane	1	U
Bromobenzene	1	U	cis-1,3-Dichloropropene	1	U
Bromochloromethane	1	U	trans-1,3-Dichloropropene	1	U
Bromodichloromethane	1	U	2,2-Dichloropropane	1	U
Bromoform	1	U	1,1-Dichloropropene	1	U
Bromomethane	2	U	Ethylbenzene	1	U
n-butylbenzene	1	U	Hexachlorobutadiene	1	U
sec-butylbenzene	1	1.0	Isopropylbenzene	1	1.1
tert-butylbenzene	1	U	p-isopropyltoluene	1	U
Carbon Tetrachloride	1	U	Methylene Chloride	5	U
Chlorobenzene	1	U	Methyl-tert-butyl ether (MTBE)	1	U
Chloroethane	1	U	Naphthalene	1	0.5 J
Chloroform	1	U	n-Propylbenzene	1	U
Chloromethane	1	U	Styrene	1	U
2-Chlorotoluene	1	U	1,1,1,2-Tetrachloroethane	1	U
4-Chlorotoluene	1	U	1,1,2,2-Tetrachloroethane	1	U
Dibromochloromethane	1	U	Tetrachloroethene	1	U
1,2-Dibromo-3-chloropropane	1	U	Toluene	1	U
1,2-Dibromoethane	1	U	1,2,3-Trichlorobenzene	1	U
Dibromomethane	1	U	1,2,4-Trichlorobenzene	1	U
1,2-Dichlorobenzene	1	U	1,1,1-Trichloroethane	1	U
1,3-Dichlorobenzene	1	U	1,1,2-Trichloroethane	1	U
1,4-Dichlorobenzene	1	U	Trichloroethene	1	U
Dichlorodifluoromethane	1	U	Trichlorofluoromethane	1	U
1,1-Dichloroethane	1	U	1,2,3-Trichloropropane	1	U
1,2-Dichloroethane	1	U	1,2,4-Trimethylbenzene	1	U
1,1-Dichloroethene	1	U	1,3,5-Trimethylbenzene	1	U
cis-1,2-Dichloroethene	1	U	Vinyl Chloride	1	U
trans-1,2-Dichloroethene	1	U	o-Xylene	1	U
1,2-Dichloropropane	1	U	m,p-Xylene	1	U
Acetone	10	U	Diethyl ether	1	U
Carbon Disulfide	1	U	2-Hexanone	10	U
Tetrahydrofuran	2	U	Methyl isobutyl ketone	10	U
Methyl ethyl ketone	10	U	Di-isopropyl ether (DIPE)	1	U
t-Butyl alcohol (TBA)	20	U	Ethyl t-butyl ether (ETBE)	1	U
t-Amyl methyl ether (TAME)	1	U	1,3,5-Trichlorobenzene	1	U
			1,4-Dioxane	30	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	80 %	d8-Toluene	106 %	Bromofluorobenzene	102 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS:

8260 2009 + Dioxane:Res(73):Rec(3)

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analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. John Ouellette
Ransom Consulting, Inc.
112 Corporate Drive
Portsmouth NH 03801

May 17, 2012

SAMPLE DATA

Lab Sample ID:	72787-5
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/04/12
Lab Receipt Date:	05/04/12
Analysis Date:	05/16/12

CLIENT SAMPLE ID

Project Name:	Blue Loon General Store Property
Project Number:	17076-39
Field Sample ID:	MW107

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	1	U	1,3-Dichloropropane	1	U
Bromobenzene	1	U	cis-1,3-Dichloropropene	1	U
Bromochloromethane	1	U	trans-1,3-Dichloropropene	1	U
Bromodichloromethane	1	U	2,2-Dichloropropane	1	U
Bromoform	1	U	1,1-Dichloropropene	1	U
Bromomethane	2	U	Ethylbenzene	1	U
n-butylbenzene	1	U	Hexachlorobutadiene	1	U
sec-butylbenzene	1	U	Isopropylbenzene	1	U
tert-butylbenzene	1	U	p-isopropyltoluene	1	U
Carbon Tetrachloride	1	U	Methylene Chloride	5	U
Chlorobenzene	1	U	Methyl-tert-butyl ether (MTBE)	1	97
Chloroethane	1	U	Naphthalene	1	U
Chloroform	1	U	n-Propylbenzene	1	U
Chloromethane	1	U	Styrene	1	U
2-Chlorotoluene	1	U	1,1,1,2-Tetrachloroethane	1	U
4-Chlorotoluene	1	U	1,1,2,2-Tetrachloroethane	1	U
Dibromochloromethane	1	U	Tetrachloroethene	1	U
1,2-Dibromo-3-chloropropane	1	U	Toluene	1	U
1,2-Dibromoethane	1	U	1,2,3-Trichlorobenzene	1	U
Dibromomethane	1	U	1,2,4-Trichlorobenzene	1	U
1,2-Dichlorobenzene	1	U	1,1,1-Trichloroethane	1	U
1,3-Dichlorobenzene	1	U	1,1,2-Trichloroethane	1	U
1,4-Dichlorobenzene	1	U	Trichloroethene	1	U
Dichlorodifluoromethane	1	U	Trichlorofluoromethane	1	U
1,1-Dichloroethane	1	U	1,2,3-Trichloropropane	1	U
1,2-Dichloroethane	1	U	1,2,4-Trimethylbenzene	1	U
1,1-Dichloroethene	1	U	1,3,5-Trimethylbenzene	1	U
cis-1,2-Dichloroethene	1	U	Vinyl Chloride	1	U
trans-1,2-Dichloroethene	1	U	o-Xylene	1	U
1,2-Dichloropropane	1	U	m,p-Xylene	1	U
Acetone	10	U	Diethyl ether	1	U
Carbon Disulfide	1	U	2-Hexanone	10	U
Tetrahydrofuran	2	U	Methyl isobutyl ketone	10	U
Methyl ethyl ketone	10	U	Di-isopropyl ether (DIPE)	1	U
t-Butyl alcohol (TBA)	20	U	Ethyl t-butyl ether (ETBE)	1	U
t-Amyl methyl ether (TAME)	1	1.0	1,3,5-Trichlorobenzene	1	U
			1,4-Dioxane	30	U

Surrogate Standard Recovery

d4-1,2-Dichloroethane	98 %	d8-Toluene	95 %	Bromofluorobenzene	95 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS:

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8260 2009 + Dioxane:Res(73):Rec(3)

analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. John Ouellette
Ransom Consulting, Inc.
112 Corporate Drive
Portsmouth NH 03801

May 14, 2012

SAMPLE DATA

Lab Sample ID:	72787-6
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/04/12
Lab Receipt Date:	05/04/12
Analysis Date:	05/11/12

CLIENT SAMPLE ID

Project Name: Blue Loon General Store Property

Project Number: 17076-39

Field Sample ID: DW101

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	0.5
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.5	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	2.5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U	Di-isopropyl ether (DIPE)	0.5	U
t-Butyl alcohol (TBA)	10	U	Ethyl t-butyl ether (ETBE)	0.5	U
t-Amyl methyl ether (TAME)	0.5	U	1,3,5-Trichlorobenzene	0.5	U

Surrogate Standard Recovery

1,4-Difluorobenzene	105 %	Bromofluorobenzene	96 %	1,2-Dichlorobenzene-d4	97 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

524NH 200975)

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analytics environmental laboratory LLC

196 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. John Ouellette
Ransom Consulting, Inc.
112 Corporate Drive
Portsmouth NH 03801

May 14, 2012

SAMPLE DATA

Lab Sample ID:	72787-7
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/04/12
Lab Receipt Date:	05/04/12
Analysis Date:	05/11/12

CLIENT SAMPLE ID

Project Name: Blue Loon General Store Property

Project Number: 17076-39

Field Sample ID: DW102

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-Isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	1.2
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.5	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	2.5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U	Di-isopropyl ether (DIPE)	0.5	U
t-Butyl alcohol (TBA)	10	U	Ethyl t-butyl ether (ETBE)	0.5	U
t-Amyl methyl ether (TAME)	0.5	U	1,3,5-Trichlorobenzene	0.5	U

Surrogate Standard Recovery

1,4-Difluorobenzene	104 %	Bromofluorobenzene	90 %	1,2-Dichlorobenzene-d4	97 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

524NH 200975)

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analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. John Ouellette
Ransom Consulting, Inc.
112 Corporate Drive
Portsmouth NH 03801

May 14, 2012

SAMPLE DATA

Lab Sample ID:	72787-8
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	05/04/12
Lab Receipt Date:	05/04/12
Analysis Date:	05/11/12

CLIENT SAMPLE ID

Project Name: Blue Loon General Store Property

Project Number: 17076-39

Field Sample ID: Trip Blank

ANALYTICAL RESULTS VOLATILE ORGANICS

COMPOUND	Quantitation Limit µg/L	Result µg/L	COMPOUND	Quantitation Limit µg/L	Result µg/L
Benzene	0.5	U	1,3-Dichloropropane	0.5	U
Bromobenzene	0.5	U	cis-1,3-Dichloropropene	0.5	U
Bromochloromethane	0.5	U	trans-1,3-Dichloropropene	0.5	U
Bromodichloromethane	0.5	U	2,2-Dichloropropane	0.5	U
Bromoform	0.5	U	1,1-Dichloropropene	0.5	U
Bromomethane	0.5	U	Ethylbenzene	0.5	U
n-butylbenzene	0.5	U	Hexachlorobutadiene	0.5	U
sec-butylbenzene	0.5	U	Isopropylbenzene	0.5	U
tert-butylbenzene	0.5	U	p-isopropyltoluene	0.5	U
Carbon Tetrachloride	0.5	U	Methylene Chloride	0.5	U
Chlorobenzene	0.5	U	Methyl-tert-butyl ether	0.5	U
Chloroethane	0.5	U	Naphthalene	0.5	U
Chloroform	0.5	U	n-Propylbenzene	0.5	U
Chloromethane	0.5	U	Styrene	0.5	U
2-Chlorotoluene	0.5	U	1,1,1,2-Tetrachloroethane	0.5	U
4-Chlorotoluene	0.5	U	1,1,2,2-Tetrachloroethane	0.5	U
Dibromochloromethane	0.5	U	Tetrachloroethene	0.5	U
1,2-Dibromo-3-chloropropane	0.5	U	Toluene	0.5	U
1,2-Dibromoethane	0.5	U	1,2,3-Trichlorobenzene	0.5	U
Dibromomethane	0.5	U	1,2,4-Trichlorobenzene	0.5	U
1,2-Dichlorobenzene	0.5	U	1,1,1-Trichloroethane	0.5	U
1,3-Dichlorobenzene	0.5	U	1,1,2-Trichloroethane	0.5	U
1,4-Dichlorobenzene	0.5	U	Trichloroethene	0.5	U
Dichlorodifluoromethane	0.5	U	Trichlorofluoromethane	0.5	U
1,1-Dichloroethane	0.5	U	1,2,3-Trichloropropane	0.5	U
1,2-Dichloroethane	0.5	U	1,2,4-Trimethylbenzene	0.5	U
1,1-Dichloroethene	0.5	U	1,3,5-Trimethylbenzene	0.5	U
cis-1,2-Dichloroethene	0.5	U	Vinyl Chloride	0.5	U
trans-1,2-Dichloroethene	0.5	U	o-Xylene	0.5	U
1,2-Dichloropropane	0.5	U	m,p-Xylene	0.5	U
Acetone	5	U	Diethyl ether	0.5	U
Carbon Disulfide	0.5	U	2-Hexanone	5	U
Tetrahydrofuran	2.5	U	Methyl isobutyl ketone	5	U
Methyl ethyl ketone	5	U	Di-isopropyl ether (DIPE)	0.5	U
t-Butyl alcohol (TBA)	10	U	Ethyl t-butyl ether (ETBE)	0.5	U
t-Amyl methyl ether (TAME)	0.5	U	1,3,5-Trichlorobenzene	0.5	U

Surrogate Standard Recovery

1,4-Difluorobenzene	105 %	Bromofluorobenzene	90 %	1,2-Dichlorobenzene-d4	92 %

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in

METHODOLOGY: Sample analysis was conducted according to EPA 600, Method 524.2

COMMENTS:

524NH 200975)

Authorized signature

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way, Suite E
Portsmouth, NH 03801
(800) 929-9906
(603) 436-5111
(603) 430-2151 Fax

Project Name: Blue Loon General Store Property
Project#: 17076-39
Company: Ransom Consulting
Report to: John Ouellette
Address: 112 Corporate Drive
Portsmouth, NH
Phone: (603) 436-1490
Quote #:
PO# (if required): 4119

Preservation Code: A
Circle and/or Write Required Analysis Followed by Preservation Code
Please fill in preservation code here

Preservation Key:
A= HCL
B= 4°C
C= Unpres
D = MeOH
E = HNO3
F = H2SO4
G = Hexane
H = Other

Sample Identification	Sample Date	Sample Time	Field Filtered? Y or N	VOC: 8260 524.2 624	SVOC: 8270 625 PAH only SIM	Pesticides: 8081 608	PCB: 8082 608 Soxhlet? Y or N	TPH: 8015 (Gas Range) ME4217	TPH: 8015 (Diesel Range) 8100M ME4125	EPH: Full or Ranges only TETPH	VPH: Full or Ranges only	Metals: RCRA8 PP13 TAL23 Other**	Matrix	No. of Containers	pH checked	Analytics Sample #
MW101	5/4/12	14:05		✓									GW	3		72787-1
MW102	5/4/12	10:52		✓									GW	4		2
MW104	5/4/12	11:27		✓									GW	3		3
MW106	5/4/12	13:25		✓									GW	3		4
MW107	5/4/12	12:35		✓									GW	3		5
DW101	5/4/12	14:20		✓									DW	3		6
DW102	5/4/12	11:55		✓									DW	4		7
Trip Blank				✓												8

For Analytics Use Only
Samples were:
1) Shipped or hand-delivered
2) Temperature (°C): 1.6°
3) Received in good condition: Y or N
4) pH checked by: N/A
5) Labels checked by: JBB 5/4/12

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
E = Extract
GW = Groundwater
DW = Drinking Water
S = Soil / Sludge
O = Oil
X = Other

Email Results to: jouellette@ransomenv.com

Turnaround Time (TAT)
☐ 24 Hours* ☐ 48 Hours*
☐ 72 Hours* ☐ 5 Days*
☑ 10 Days
*Fee may apply; lab approval required

Comments, Additional Analyses, or Special Instructions: ** List requested metals here

Please note: For volatile analyses, a trip blank has been provided in the cooler. If you want the trip blank run and reported please write the trip blank on the COC. Trip Blank analyses will be charged unless other arrangements have been made.

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☐ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☑ Standard

State:
☑ NH
☐ MA
☐ ME
☐ CT
☐ RI
Other:

State Standard: (eg. S-1 or GW-1)
EDD Required: Y* (N)
Type:

Sampler Name (Print): Elisabeth J. Lowell
Relinquished By Sampler: [signature] Date: 5/4/12 Time: 1526 Received By: [signature]
Relinquished By: Date: Time: Received By:
Relinquished By: Date: Time: Received By:

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 72787 COOLER NUMBER: 287

CLIENT: RANSOM NUMBER OF COOLERS: 1

PROJECT: BLUE ~~LAGOON~~ LOON GENERAL SHORE PROP.

A: PRELIMINARY EXAMINATION:

1. Cooler received by(initials): DATE COOLER RECEIVED/OPENED: 5/4/12

2. Circle one: (Hand delivered) (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y (N)

3a. Enter carrier name and airbill number here: _____

4. Were custody seals on the outside of cooler? Y (N)
How many & where: _____ Seal Date: _____ Seal Name: _____

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: _____

7. Were Custody papers filled out properly (ink,signed, legible, project information etc)? (Y) N

8. Were custody papers sealed in a plastic bag? (Y) N

9. Did you sign the COC in the appropriate place? (Y) N

10. Was enough ice used to chill the cooler? (Y) N Temp. of cooler: 1.6°C

B. Log-In: Date samples were logged in: 5/4/12 By:

11. Were all bottles sealed in separate plastic bags? (Y) N

12. Did all bottles arrive unbroken and were labels in good condition? (Y) N

13. Were all bottle labels complete(ID,Date,time,etc.) (Y) N

14. Did all bottle labels agree with custody papers? (Y) N

15. Were the correct containers used for the tests indicated: (Y) N

16. Were samples received at the correct pH? (Y) JB 5/4/12 (N/A)

17. Was sufficient amount of sample sent for the tests indicated? (Y) N

18. Were all samples submitted within holding time? (Y) N

19. Were VOA samples absent of greater than pea-sized bubbles? (Y) N*
(Note:Pea-sized bubbles or smaller are acceptable and are not considered to adversely affect volatiles data.)

*If NO, List Sample ID's, Lab #s: _____

When bubbles are present in VOA samples they are labelled from smallest (or no bubbles) to largest. Lab to analyze VOA samples with no bubbles or smallest bubbles first

20. Laboratory labeling verified by (initials): JB Date: 5/4/12

C:ANLYTICS LLC\AEL DOCUMENTS\FORMS\SMPL CHKLST\Edit 4908 Rev. 4, 12/21/11

analytics environmental laboratory LLC

195 Commerce Way Suite E
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906
www.analyticslab.com

Mr. John Ouellette
Ransom Consulting, Inc.
112 Corporate Drive
Portsmouth NH 03801

Report Number: 73524

Revision: Rev. 0

Re: Blue Loon (Project No: 011.05076.044)

Enclosed are the results of the analyses on your sample(s). Samples were received on 13 August 2012 and analyzed for the tests listed. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. These results pertain to samples as received by the laboratory and for the analytical tests requested on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
73524-1	08/13/12	MW104	EPA 8015 - Gasoline	
	08/13/12	MW104	Metals	
	08/13/12	MW104	Total Suspended Solids	
73524-2	08/13/12	Trip Blank	EPA 8015 - Gasoline	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Virginia, Maryland, and North Carolina, and is accredited by the Deparment of Defense (DOD) ELAP program. A list of actual certified parameters is available upon request.

If you have any questions on these results, please do not hesitate to contact us.

Authorized signature _____
Stephen L. Knollmeyer Lab. Director

Date 08/20/2012

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analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. John Ouellette
Ransom Consulting, Inc.
112 Corporate Drive
Portsmouth NH 03801

August 16, 2012

SAMPLE DATA

Lab Sample ID:	73524-1
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	10
Collection Date:	08/13/12
Lab Receipt Date:	08/13/12
Analysis Date:	08/16/12

CLIENT SAMPLE ID

Project Name:	Blue Loon
Project Number:	011.05076.044
Client Sample ID:	MW104

ANALYTICAL RESULTS
GASOLINE RANGE ORGANICS (C6-C10)

Result	Units	Quantitation Limit
9560	µg/L	200

Surrogate Standard Recovery

Trifluorotoluene	92%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to: Test Methods for Evaluating Solid Waste, Method 8015B

COMMENTS:

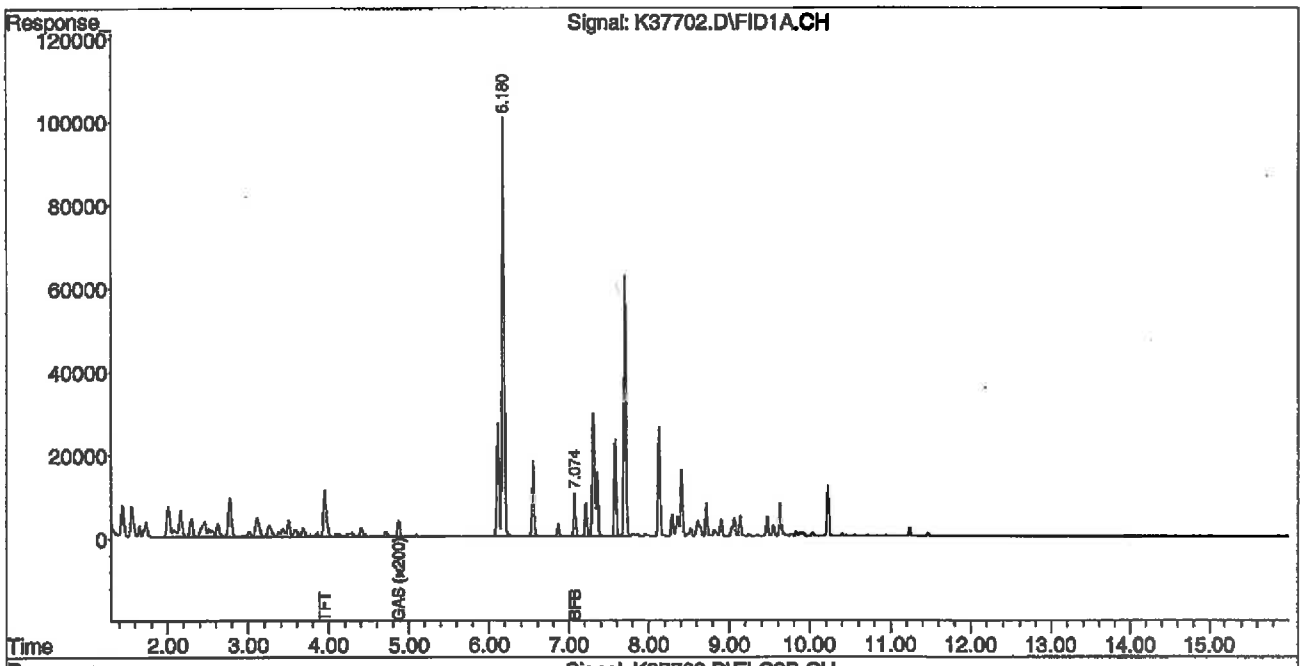
Authorized signature

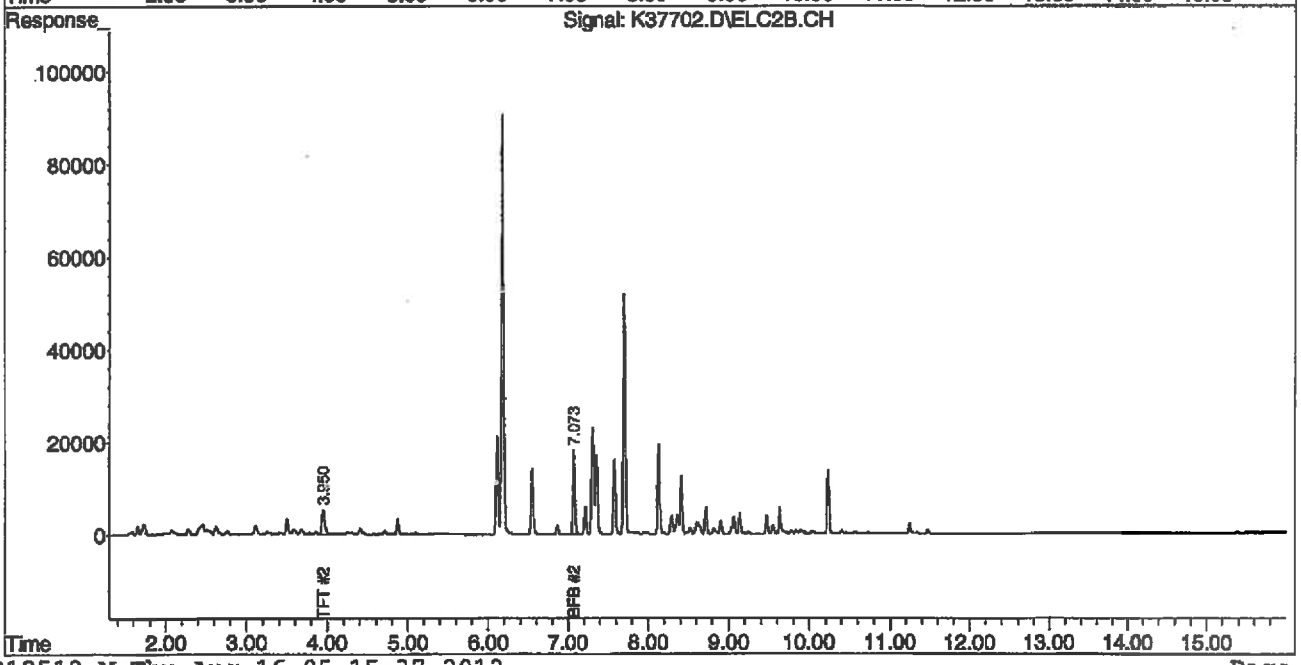
Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\DATA\081512-K\
Data File : K37702.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 16 Aug 2012 4:09 am
Operator : JK/AR
Sample : 73524-1,,1:10
Misc : 5000
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 04:35:45 2012
Quant Method : C:\msdchem\1\METHODS\GAS012512.M
Quant Title : 8015B Gasoline Range
QLast Update : Thu Jan 26 08:06:47 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. John Ouellette
Ransom Consulting, Inc.
112 Corporate Drive
Portsmouth NH 03801

August 16, 2012

SAMPLE DATA

Lab Sample ID:	73524-2
Matrix:	Aqueous
Percent Solid:	N/A
Dilution Factor:	1
Collection Date:	08/13/12
Lab Receipt Date:	08/13/12
Analysis Date:	08/16/12

CLIENT SAMPLE ID

Project Name:	Blue Loon
Project Number:	011.05076.044
Client Sample ID:	Trip Blank

ANALYTICAL RESULTS
GASOLINE RANGE ORGANICS (C6-C10)

Result	Units	Quantitation Limit
U	µg/L	20

Surrogate Standard Recovery

Trifluorotoluene	99%

U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

METHODOLOGY: Sample analysis conducted according to: Test Methods for Evaluating Solid Waste, Method 8015B

COMMENTS:

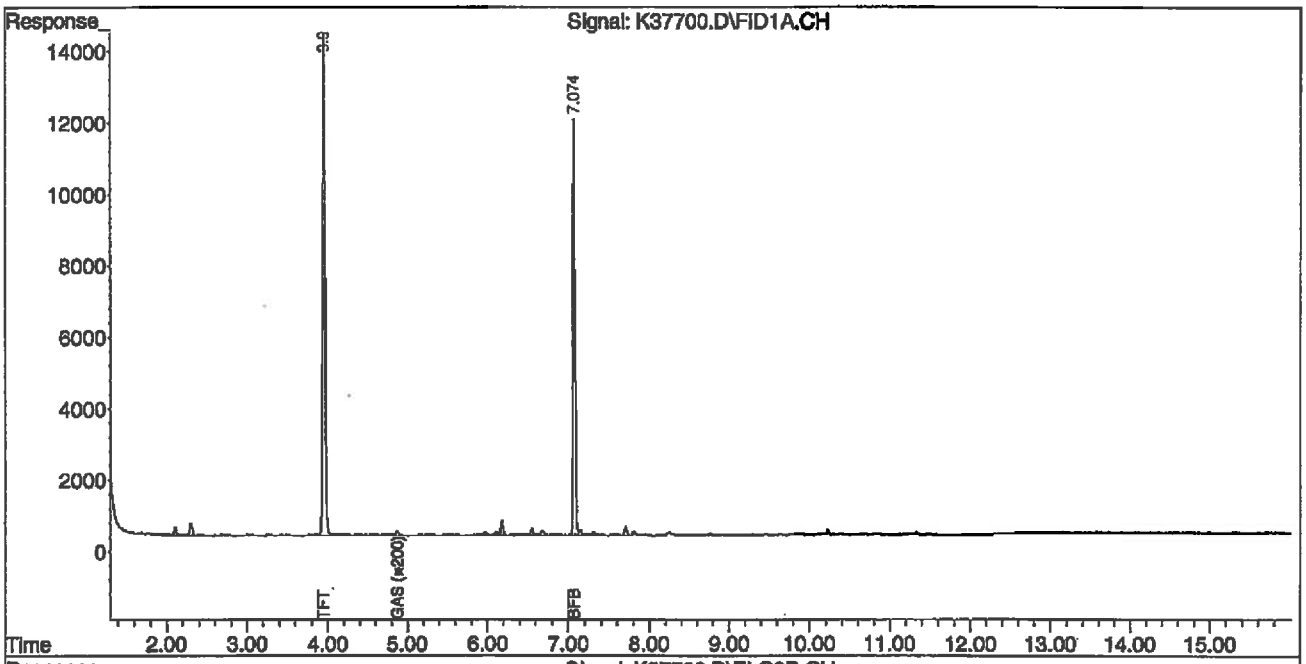
Authorized signature

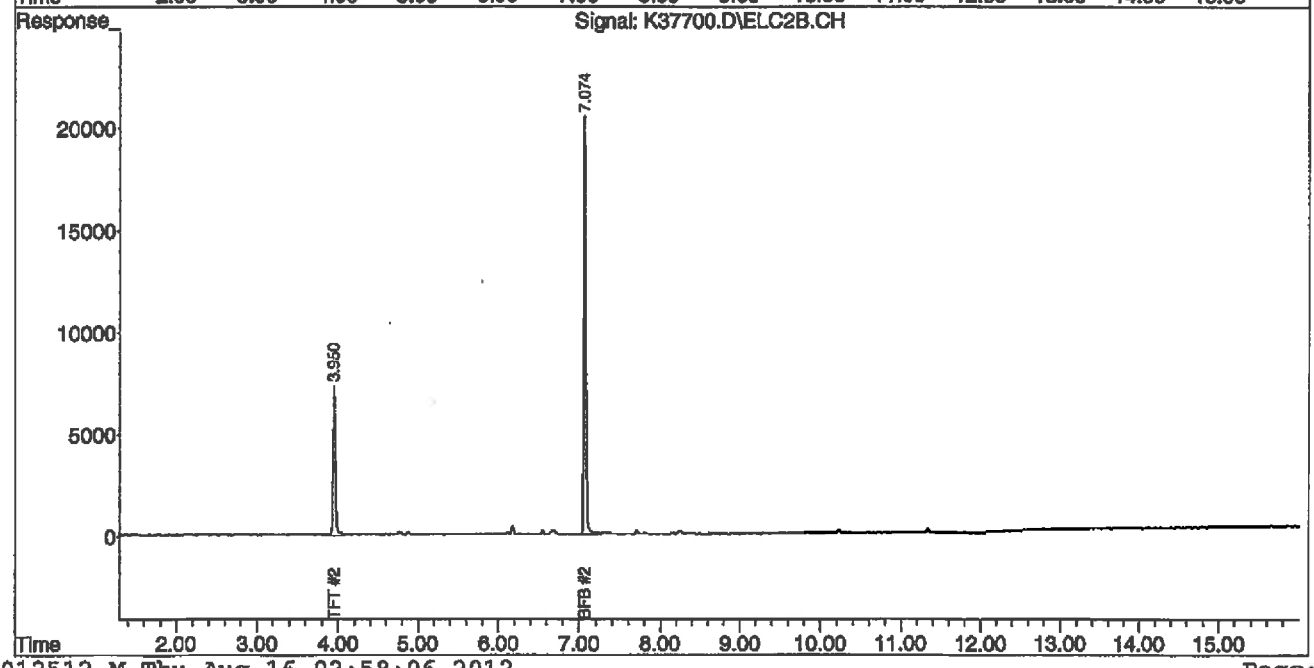
Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\081512-K\
Data File : K37700.D
Signal(s) : Signal #1: FID1A.CH Signal #2: ELC2B.CH
Acq On : 16 Aug 2012 2:33 am
Operator : JK/AR
Sample : 73524-2
Misc : 5000
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events2.e
Quant Time: Aug 16 02:57:58 2012
Quant Method : C:\msdchem\1\METHODS\GAS012512.M
Quant Title : 8015B Gasoline Range
QLast Update : Thu Jan 26 08:06:47 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





analytics environmental laboratory LLC

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151

Client: Ransom Consulting, Inc.
Project name: Blue Loon
Project NO: 011.05076.044

Sample ID: MW104

Report Date: 08/15/2012

SDG ID: 73524
Lab ID: 73524-1
Date Sampled: 08/13/12
Date Received: 08/13/12
Matrix: Aqueous
% Solid: NA
Method: 6010B
Preparation: 3005A

Metals Results

Analyte	Result	Qualifier	Units	LOD	LOQ	Prepared	Analyzed	Analyst	Dilution
Iron	15		mg/L	0.05	0.1	08/14/12	08/15/12	TD	1.00
Lead	U		mg/L	0.003	0.005	08/14/12	08/15/12	TD	1.00

Qualifier Description: U = Undetected B = Detected in Blank J = Estimated Value E = Exceeds Calibration Range

Comments:

Method Description: EPA Method 6010B Inductively Coupled Plasma - Atomic Emissions Spectrometry, Revision 2 December 1996.
Preparation: SW-846 Method 3005A

Maine Environmental Laboratory

Report of Analyses

One Main Street Yarmouth, Maine 04096-1107 Tel.: (207) 846-6569 Fax: (207) 846-9066 E-mail: melab@maine.rr.com

K. Zaleski
Analytics Environmental Laboratory, LLC
195 Commerce Way, Suite E
Portsmouth, NH 03801

August 20, 2012

Report No.: AEL6518-12

Enclosed are the results of the analyses requested for your samples as received by the laboratory. Samples were received in acceptable condition and analyzed within method holding times. All quality control data was within laboratory acceptance limits unless noted. The Limit of Quantitation (LOQ) is the minimum level for reporting quantitative data. The Limit of Detection (LOD) is the minimum level for reporting estimated data. Data reported between the Limit of Quantitation and Limit of Detection are J flagged as estimated. Maine Environmental Laboratory is certified by Maine (cert. #2011036), New Hampshire NELAP (NHELAP) (cert. #2031) and Connecticut (PH #0103). A list of certified parameters is available on request. The results reported herein conform to the most current NELAP standards where applicable unless otherwise narrated in this report. This report shall not be reproduced except in full without the written consent of the laboratory.

The complete report consists of the following sections:

Maine Environmental Laboratory report
Chain of Custody form

References

EPA - EPA600/4-79-020, Methods for Chemical Analysis of Water and Wastes, USEPA, Cincinnati, Ohio, March 1983.
EPA1 - EPA/600/R-93/100 Methods for the Determination of Inorganic Substances in Environmental Samples, Aug. 1993.
EPA2 - EPA/600R-94/111, Methods for the Determination of Metals in Environmental Samples, Supplement 1, May, 1994.
EPA3-EPA/600/R-06/115,Determination of Trace Elements in DW by Axially Viewed ICP-Atomic Emission Spectrometry,Rev 4.2 Oct. 2003
STM - Standard Methods for the Examination of Water and Wastewater, 18th edition, APHA,AWWA,WPCF, 1992.
SW8 - SW846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, third edition, 1986.
CLP - USEPA CLP Statement of Work for Inorganics, ILMO3.0.
HACH - Chemical Oxygen Demand, Method 8000, Hach Handbook of Water Analysis, Hach Chemical Company, 1979.
HEX - EPA-821-R-98-002, Method 1664, Rev. A: N-Hexane Extractable Material by Extraction and Gravimetry, Feb. 1999.
AOA - Official Methods of Analysis of the Association of Official Analytical Chemists, 14th edition, 1984.

Authorized signature Walter A. Lach

Walter A. Lach, Laboratory Director

Maine Environmental Laboratory
One Main Street Yarmouth, Maine 04096-1107 Tel.:(207) 846-6569 Fax:(207) 846-9066 E-mail: melab@maine.rr.com

Report of Analyses

K. Zaleski
Analytics Environmental Laboratory, LLC
195 Commerce Way, Suite E
Portsmouth, NH 03801

August 20, 2012

Report No:	AEL6518-12	Sampler:	No Data
Date received:	08/15/12	Sample matrix:	Groundwater
Project ID:	Blue Loon 011.05076.044	Method:	2540D
		Reference:	STM

TSS

Sample Identification	Results	units	Date Analyzed	LOD	LOQ	Date Sampled	Laboratory Id
MW104 (73524-1)	17	mg/L	08/20/12		4	08/13/12	AEL651812-01

ND = not detected J = estimated B = detected in blank S = DLs increased due to sample matrix

Chain Of Custody Form
MEL

AEL6518-12

analytics environmental laboratory LLC

195 Commerce Way, Suite E
Portsmouth, NH 03801
(800) 929-9906

(603) 436-5111
(603) 430-2151 Fax

Project Name: Blue Loon
Project#: 01.05076.044
Company: Analytics Environmental Laboratory
Report to: Ms. Kate Zaleski
Address: 195 Commerce Way, Suite E
Portsmouth, NH 03801
Phone: 603-436-5111
Quote #: 011805-35
PO# (If required): 73524

Preservation Code:

Preservation Key:
A= HCL
B= 4°C
C= Unpres
D = MeOH
E = HNO3
F = H2SO4
G = Hexane
H = Other

Circle and/or Write Required Analysis Followed by Preservation Code
Please fill in preservation code here

Sample Identification	Sample Date	Sample Time	Field Filtered? Y or N	Metals: RCRA8 PP13 TAL23 Other**	TSS	Matrix	No. of Containers	pH checked	Analytics Sample #
MW104	8/13/12	830			X	GW	1		73524-1

Sample Receipt
Samples were:
1) Shipped or hand-delivered
2) Temperature (°C): 1.4
3) Received in good condition: Y or N
4) pH checked by:
5) Labels checked by:

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
E = Extract
GW = Groundwater
DW = Drinking Water
S = Soil / Sludge
O = Oil
X = Other

Email Results to:
cpayne@analyticslab.com

Turnaround Time (TAT)
☐ 24 Hours* ☐ 48 Hours*
☐ 72 Hours* ☒ 5 Days*
~~☐ 10 Days~~
*Call if not able to approve requested date

Due: 8/20/12

Comments, Additional Analyses, or Special Instructions:
** List requested metals here

Method Type: NPDES RCRA DW
SOLID: AEL MEL(Charge or No Charge) N/A

Project Requirements:
*Fee may apply

Report Type:
☐ MCP ☐ Level II
☐ CTRCP ☐ Level III
☐ DOD ☐ Level IV
☒ Standard

State:
☒ NH
☐ MA
☐ ME
☐ CT
☐ RI
Other:

State Standard:
(eg. S-1 or GW-1)
EDD Required: Y N
Type*:

Relinquished By: Cathy R	Date: 8/14/12	Time: 1620	Received By: UPS	
Relinquished By: UPS	Date: 8/15/12	Time: 9:40	Received By:	
Relinquished By:	Date:	Time:	Received By:	

Page 1 of 1

Analytics Report 73524 page 0009 of 11

Chain Of Custody Form

analytics environmental laboratory LLC
195 Commerce Way, Suite E
Portsmouth, NH 03801
(800) 929-9906
(603) 436-5111
(603) 430-2151 Fax

For Analytics Use Only
Samples were:
1) Shipped or hand-delivered
2) Temperature (°C): 3.9°
3) Received in good condition: (Y) or N
4) pH checked by: 8/13/12
5) Labels checked by: 8/13/12

Project Name: BLUE LOON
Project#: 011-050716.044
Company: Ransom Consulting
Report to: John Ouellette
Address: 112 Corporate Dr
Portsmouth NH
Phone: 603 436 1490
Quote #:
PO# (if required): 4438

Preservation Code:
Preservation Key:
A= HCL
B= 4°C
C= Unpres
D = MeOH
E = HNO3
F = H2SO4
G = Hexane
H = Other

Circle and/or Write Required Analysis Followed by Preservation Code
Please fill in preservation code here

Matrix Key:
C = Concrete
WP = Wipe
WW = Wastewater
SW = Surface Water
E = Extract
GW = Groundwater
DW = Drinking Water
S = Soil / Sludge
O = Oil
X = Other

Sample Identification	Sample Date	Sample Time	Field Filtered? Y or N	VOC: 8260 524.2 624	SVOC: 8270 625 PAH only SIM	Pesticides: 8081 608	PCB: 8082 608	Soxhlet? Y or N	TPH: 8015 (Gas Range) ME4217	TPH: 8015 (Diesel Range) 8100M ME4125	EPH: Full or Ranges only TETPH	VPH: Full or Ranges only	Metals: RCRA8 PP13 TAL23 Other**	Total Pb + Fe	TSS	Matrix	No. of Containers	pH checked	Analytics Sample #
MW104	8-13-12	0930							✓					✓	✓	GW	6	*	73524-1
Trip Blank																			2

Email Results to:

Turnaround Time (TAT)
☐ 24 Hours* ☐ 48 Hours*
☐ 72 Hours* ☐ 5 Days*
☑ 10 Days
*Fee may apply; lab approval required

Comments, Additional Analyses, or Special Instructions: ** List requested metals here

*Metals pH is 1.5 upon arrival

Please note: For volatile analyses, a trip blank has been provided in the cooler. If you want the trip blank run and reported please write the trip blank on the COC. Trip Blank analyses will be charged unless other arrangements have been made.

Project Requirements:
*Fee may apply

Report Type:
☐ MCP* ☐ Level II*
☐ CTRCP* ☐ Level III*
☐ DOD* ☐ Level IV*
☑ Standard

State:
☑ NH
☐ MA
☐ ME
☐ CT
☐ RI
Other:

State Standard: (eg. S-1 or GW-1)

EDD Required: Y* N
Type:

Sampler Name (Print): Peter Sandin

Relinquished By Sampler:	Date: 8-13-12	Time: 11:35	Received By: Jemma Lemay
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Page ____ of ____

ANALYTICS SAMPLE RECEIPT CHECKLIST

analytics environmental laboratory LLC

AEL LAB#: 73524

CLIENT: Ransom

PROJECT: Blue Loon

COOLER NUMBER: _____

NUMBER OF COOLERS: 1

A: PRELIMINARY EXAMINATION:

1. Cooler received by(initials): JL

DATE COOLER RECEIVED/OPENED: 8/13/12

2. Circle one: Hand delivered (If so, skip 3) Shipped

3. Did cooler come with a shipping slip? Y N/A

3a. Enter carrier name and airbill number here: _____

4. Were custody seals on the outside of cooler? Y N
How many & where: _____ Seal Date: _____ Seal Name: _____

5. Did the custody seals arrive unbroken and intact upon arrival? Y N/A

6. COC#: _____

7. Were Custody papers filled out properly (ink,signed, legible, project information etc)? Y N

8. Were custody papers sealed in a plastic bag? Y N

9. Did you sign the COC in the appropriate place? Y N

10. Was enough ice used to chill the cooler? Y N Temp. of cooler: 3.9

B. Log-In: Date samples were logged in: 8/13/12 By: CP

11. Were all bottles sealed in separate plastic bags? Y N

12. Did all bottles arrive unbroken and were labels in good condition? Y N

13. Were all bottle labels complete(ID,Date,time,etc.) Y N

14. Did all bottle labels agree with custody papers? Y N

15. Were the correct containers used for the tests indicated: Y N

16. Were samples received at the correct pH? Y N

17. Was sufficient amount of sample sent for the tests indicated? Y N

18. Were all samples submitted within holding time? Y N

19. Were all containers used within expiration date? Y N

20. Were VOA samples absent of greater than pea-sized bubbles? Y N*
(Note:Pea-sized bubbles or smaller are acceptable and are not considered to adversely affect volatiles data.)

*If NO, List Sample ID's, Lab #s: _____

When bubbles are present in VOA samples they are labelled from smallest (or no bubbles) to largest. Lab to analyze VOA samples with no bubbles or smallest bubbles first

20. Laboratory labeling verified by (initials): JL Date: 8/13/12

C:ANLYTICS LLC\AEL DOCUMENTS\FORMS\SMPL CHKLST\Edit 4908

Rev. 5, 5/17/12