

DC

MHG-916021



GeoInsight, Inc.
25 Sundial Avenue, Suite 515 West
Manchester, NH 03103
TEL 603-314-0820
FAX 603-314-0821
www.geoinsightinc.com

GeoInsight, Inc.
5 Lan Drive, Suite 200
Westford, MA 01886
TEL 978-692-1114
FAX 978-692-1115

GeoInsight, Inc.
Corporate Ten Center
1781 Highland Avenue, Suite 207
Cheshire, CT 06410
TEL 203-271-8036
FAX 203-271-8038

October 7, 2005

GeoInsight Project 4066-000

United States Environmental Protection Agency
RGP-NOC Processing
Municipal Assistance Unit (CMU)
1 Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

Re: Notice of Intent for the Remediation General Permit
No Limits Convenience, LLC
New Hampshire Route 4
Northwood, New Hampshire
NHDES TSWP #198903003-N-001
NPDES Permit Exclusion Reference #NH-03I-012

OCT 12 2005

Dear Sir/Madam:

GeoInsight, Inc. is providing a completed Notice of Intent (NOI) application form and additional information in support of a Remediation General Permit (RGP) for the No Limits Convenience, LLC property located at 546 First New Hampshire Turnpike (Route 4) in Northwood, New Hampshire. A copy of the NOI form is included in Attachment A.

The historic release of gasoline associated with this property has been monitored since activation of the ground water treatment system on November 10, 2003, in accordance with the New Hampshire Department of Environmental Services (NHDES) Temporary Surface Water Discharge Permit (TSWDP) #198903003-N-001 and the National Pollutant Discharge Elimination Systems (NPDES) Permit Exclusion #NH-03I-012. Please note that both the NPDES Exclusion and NHDES TSWDP were issued to Peterborough Oil Co., Inc., owners of the release site at the time. Copies of the permits are included as Attachment B. The property was sold on January 27, 2004 and information regarding the current facility owner is included on the NOI form.

The ground water treatment system is physically located at 545 First New Hampshire Turnpike (Route 4) at the abutting Free Will Baptist Church. The objective of the remedial system operation is to intercept methyl-tert-butyl ether-impacted bedrock ground water and to minimize further migration of petroleum impacts from an historic release of gasoline. The ground water treatment system, originally designed and installed by others in 1991, was retrofitted and re-activated on November 10, 2003. Ground water is extracted from two 6-inch diameter bedrock extraction wells located at the Free Will Baptist Church (R-16) and the abutting residential

property (R-17), respectively and is treated using a five tray, low-profile stainless steel air stripper unit.

Treated water is discharged, under pressure, to a catch basin located at the intersection of Route 4 and Upper Bow Street. The catch basin discharges to a culvert beneath Upper Bow Street and then to a swale. The swale empties into an un-named tributary to the North River. A piping and instrumentation diagram, site plan showing the discharge location, and a topographic map showing the receiving water(s) are included as Attachment C.

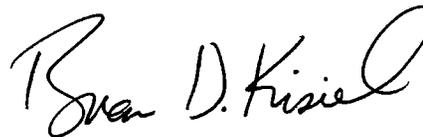
Samples have been collected at a minimum of monthly from the treatment system influent and effluent, as required by the NHDES-TSWDP and the NPDES Permit Exclusion. Influent and effluent samples are analyzed for volatile organic compounds by United States Environmental Protection Agency (USEPA) Method 8260B, pursuant to the requirements of the NHDES-TSWDP. In addition, the influent and effluent samples are analyzed for total petroleum hydrocarbons by USEPA Method 8015B, per requirements of the NPDES Permit Exclusion. Analytical results are summarized and compared with the established permit discharge limits and NHDES Ambient Groundwater Quality Standards. A copy of analytical data obtained to date and mass removal calculations are included in Attachment D.

If you have questions regarding the information contained herein, please contact us at (603) 314-0820.

Sincerely,
GEOINSIGHT, INC.



Andrea W. Kenter, P.G.
Senior Hydrogeologist



Brian D. Kisiel, P.G.
Principal

Enclosures

cc: Jeff Andrews, NHDES-Wastewater Engineering Bureau
Maureen Estabrook, NHDES-ORCB
Linda Smith
Bill Batalogianis

P:\4066 - No Limits Convenience Northwood\RGPItr.doc

ATTACHMENT A
NOTICE OF INTENT FORM

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

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

a) Name of facility/site: <u>No Limits Convenience, LLC</u>		Facility/site address:	
Location of facility/site: longitude: <u>71° 10.78'</u> latitude: <u>43° 12.53' N</u>		Facility SIC code(s): <u>5541</u>	Street: <u>546 First NH Turnpike (Route 4)</u>
b) Name of facility/site owner: <u>Bill Batalogianis</u>		Town: <u>Northwood</u>	
Email address of owner: <u>N/A</u>		State: <u>NH</u>	Zip: <u>03261</u> County: <u>Rockingham</u>
Telephone no. of facility/site owner: <u>(603) 321-9173</u>			
Fax no. of facility/site owner: <u>N/A</u>		Owner is (check one): 1. Federal <input type="checkbox"/> 2. State/Tribal <input type="checkbox"/>	
Address of owner (if different from site):		3. Private <input checked="" type="checkbox"/> 4. other, if so, describe:	
Street: <u>137 Marsh St.</u>			
Town: <u>Pelham</u>	State: <u>NH</u>	Zip: <u>03076</u>	County: <u>Rockingham</u>
c) Legal name of operator: <u>GeoInsight, Inc.</u>		Operator telephone no: <u>(603) 314-0820</u>	
		Operator fax no.: <u>(603) 314-0821</u>	Operator email: <u>awkenter@geoinc.com</u>
Operator contact name and title: <u>Andrea Kenter - Senior Hydrogeologist</u>			
Address of operator (if different from owner):		Street: <u>25 Sundial Ave. Suite 515 West</u>	
Town: <u>Manchester</u>	State: <u>NH</u>	Zip: <u>03103</u>	County: <u>Hillsborough</u>
d) Check "yes" or "no" for the following:			
1. Has a prior NPDES permit exclusion been granted for the discharge? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> , if "yes," number: <u>NH 03I-012 (See Attachment B)</u>			
2. Has a prior NPDES application (Form 1 & 2C) ever been filed for the discharge? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> , if "yes," date and tracking #:			
3. Is the discharge a "new discharge" as defined by 40 CFR 122.2? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
4. For sites in Massachusetts, is the discharge covered under the MA Contingency Plan (MCP) and exempt from state permitting? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

<p>e) Is site/facility subject to any State permitting or other action which is causing the generation of discharge? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>If "yes," please list: <u>NHDES TSWP # 198903003-N-001</u></p> <p>1. site identification # assigned by the state of <u>NH</u> or MA:</p> <p>2. permit or license # assigned:</p> <p>3. state agency contact information: name, location, and telephone number: <u>NHDES 29 Hugen Dr. Concord, NH 03302</u> <u>Att: Maurah Estabrook (603) 271-3540</u></p>	<p>f) Is the site/facility covered by any other EPA permit, including:</p> <p>1. multi-sector storm water general permit? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>, if Y, number:</p> <p>2. phase I or II construction storm water general permit? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>, if Y, number:</p> <p>3. individual NPDES permit? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>, if Y, number:</p> <p>4. any other water quality related permit? Y <input type="checkbox"/> N <input checked="" type="checkbox"/>, if Y, number:</p>
--	---

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

a) Describe the discharge activities for which the owner/applicant is seeking coverage: <p style="text-align: center;">(See attached summary)</p>			
b) Provide the following information about each discharge:	<table border="1"> <tr> <td style="width: 20%;">1) Number of discharge points: <u>1</u></td> <td>2) What is the maximum and average flow rate of discharge (in cubic feet per second, ft³/s)? Max. flow <u>90 gpm (0.2 ft³/s)</u> Average flow <u>12.1 gpm</u> Is maximum flow a design value? Y <input type="checkbox"/> N <input checked="" type="checkbox"/> * design flow = <u>50 gpm</u> For average flow, include the units and appropriate notation if this value is a design value or estimate if not available. <u>Ave flow = 11,736,720 gal ÷ 674 days of operation = 17,413.5 gal = 12.1 gpm</u></td> </tr> </table>	1) Number of discharge points: <u>1</u>	2) What is the maximum and average flow rate of discharge (in cubic feet per second, ft ³ /s)? Max. flow <u>90 gpm (0.2 ft³/s)</u> Average flow <u>12.1 gpm</u> Is maximum flow a design value ? Y <input type="checkbox"/> N <input checked="" type="checkbox"/> * design flow = <u>50 gpm</u> For average flow, include the units and appropriate notation if this value is a design value or estimate if not available. <u>Ave flow = 11,736,720 gal ÷ 674 days of operation = 17,413.5 gal = 12.1 gpm</u>
1) Number of discharge points: <u>1</u>	2) What is the maximum and average flow rate of discharge (in cubic feet per second, ft ³ /s)? Max. flow <u>90 gpm (0.2 ft³/s)</u> Average flow <u>12.1 gpm</u> Is maximum flow a design value ? Y <input type="checkbox"/> N <input checked="" type="checkbox"/> * design flow = <u>50 gpm</u> For average flow, include the units and appropriate notation if this value is a design value or estimate if not available. <u>Ave flow = 11,736,720 gal ÷ 674 days of operation = 17,413.5 gal = 12.1 gpm</u>		
3) Latitude and longitude of each discharge within 100 feet: pt.1: long. <u>71° 10.73' W</u> ; lat. <u>43° 12.54' N</u> ; pt.2: long. _____ lat. _____; pt.3: long. _____ lat. _____; pt.4: long. _____ lat. _____; pt.5: long. _____ lat. _____; pt.6: long. _____ lat. _____; pt.7: long. _____ lat. _____; pt.8: long. _____ lat. _____; etc.			
4) If hydrostatic testing, total volume of the discharge (gals): <u>NA</u>	5) Is the discharge intermittent <input checked="" type="checkbox"/> or seasonal _____? Is discharge ongoing Yes <input checked="" type="checkbox"/> No _____?		
c) Expected dates of discharge (mm/dd/yy): start <u>11/10/03</u> end <u>upon NHDES closure of site (TBD)</u>			
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). (See Attachment C)			

3. Contaminant information. In order to complete this section, the applicant will need to take a minimum of one sample of the untreated water and have it analyzed for all of the parameters listed in Appendix III. Historical data, (i.e., data taken no more than 2 years prior to the effective date of the permit) may be used if obtained pursuant to: i. Massachusetts' regulations 310 CMR 40.0000, the Massachusetts Contingency Plan ("Chapter 21E"); ii. New Hampshire's Title 50 RSA 485-A: Water Pollution and Waste Disposal or Title 50 RSA 485-C: Groundwater Protection Act; or iii. an EPA permit exclusion letter issued pursuant to 40 CFR 122.3, provided the data was analyzed with test methods that meet the requirements of this permit. Otherwise, a new sample shall be taken and analyzed.

a) Based on the analysis of the sample(s) of the untreated influent, the applicant must check the box of the sub-categories that the potential discharge falls within.

<input checked="" type="checkbox"/> Gasoline Only	<input type="checkbox"/> VOC Only	<input type="checkbox"/> Primarily Metals	<input type="checkbox"/> Urban Fill Sites	<input type="checkbox"/> Contaminated Sumps	<input type="checkbox"/> Mixed Contaminants	<input type="checkbox"/> Aquifer Testing
<input type="checkbox"/> Fuel Oils (and Other Oils) only	<input type="checkbox"/> VOC with Other Contaminants	<input type="checkbox"/> Petroleum with Other Contaminants	<input type="checkbox"/> Listed Contaminated Sites	<input type="checkbox"/> Contaminated Dredge Condensates	<input type="checkbox"/> Hydrostatic Testing of Pipelines/Tanks	<input type="checkbox"/> Well Development or Rehabilitation

b) Based on the analysis of the untreated influent, the applicant must indicate whether each listed chemical is **believed present** or **believed absent** in the potential discharge. Attach additional sheets as needed.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
1. Total Suspended Solids		✓	1	grab	160.2	5mg/L			8 mg/L	
2. Total Residual Chlorine	✓									
3. Total Petroleum Hydrocarbons		✓	37	grab	8015B	10ug/L			56.1ug/L	*
4. Cyanide	✓									
5. Benzene		✓	38	grab	8260B	2ug/L			3ug/L	*
6. Toluene		✓	38	grab	8260B	2ug/L			4ug/L	*
7. Ethylbenzene	✓									
8. (m,p,o) Xylenes	✓									
9. Total BTEX ⁴		✓	38	grab	8260B	2ug/L			4ug/L	*

⁴BTEX = Sum of Benzene, Toluene, Ethylbenzene, total Xylenes.

* See Attachment D for site data and mass removal calculations

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
10. Ethylene Dibromide ⁵ (1,2- Dibromo-methane)	✓									
11. Methyl-tert-Butyl Ether (MtBE)		✓	37	grab	8260B	2ug/L			67.4ug/L	*
12. tert-Butyl Alcohol (TBA)	✓									
13. tert-Amyl Methyl Ether (TAME)		✓	37	grab	8260B	2ug/L			2.2ug/L	*
14. Naphthalene	✓									
15. Carbon Tetrachloride	✓									
16. 1,4 Dichlorobenzene	✓									
17. 1,2 Dichlorobenzene	✓									
18. 1,3 Dichlorobenzene	✓									
19. 1,1 Dichloroethane	✓									
20. 1,2 Dichloroethane	✓									
21. 1,1 Dichloroethylene	✓									
22. cis-1,2 Dichloroethylene	✓									
23. Dichloromethane (Methylene Chloride)	✓									
24. Tetrachloroethylene	✓									

* See Attachment D for site data and mass removal calculations

⁵EDB is a groundwater contaminant at fuel spill and pesticide application sites in New England.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily Value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
25. 1,1,1 Trichloroethane	✓									
26. 1,1,2 Trichloroethane	✓									
27. Trichloroethylene	✓									
28. Vinyl Chloride	✓									
29. Acetone	✓									
30. 1,4 Dioxane	✓									
31. Total Phenols	✓									
32. Pentachlorophenol	✓									
33. Total Phthalates ⁶ (Phthalate esters)	✓									
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	✓									
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	✓									
a. Benzo(a) Anthracene	✓									
b. Benzo(a) Pyrene	✓									
c. Benzo(b)Fluoranthene	✓									
d. Benzo(k) Fluoranthene	✓									
e. Chrysene	✓									

⁶The sum of individual phthalate compounds.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	Type of Sample (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)
f. Dibenzo(a,h) anthracene	✓									
g. Indeno(1,2,3-cd) Pyrene	✓									
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	✓									
h. Acenaphthene	✓									
i. Acenaphthylene	✓									
j. Anthracene	✓									
k. Benzo(ghi) Perylene	✓									
l. Fluoranthene	✓									
m. Fluorene	✓									
n. Naphthalene-	✓									
o. Phenanthrene	✓									
p. Pyrene	✓									
37. Total Polychlorinated Biphenyls (PCBs)	✓									
38. Antimony	✓									
39. Arsenic	✓									
40. Cadmium	✓									
41. Chromium III	✓									
42. Chromium VI	✓									

PARAMETER	Believe Absent	Believe Present	# of Samples (1 minimum)	Type of Sample (e.g., grab)	Analytical Method Used (method #)	Minimum Level (ML) of Test Method	Maximum daily value		Avg. daily value	
							concentration (ug/l)	mass (kg)	concentration (ug/l)	mass (kg)
43. Copper	✓									
44. Lead	✓									
45. Mercury	✓									
46. Nickel	✓									
47. Selenium	✓									
48. Silver	✓									
49. Zinc	✓									
50. Iron		✓	2*	grab	influent	samples				27.5 mg/L
Other (describe):				R-16 well	= 33 mg/L					
				R-17 well	= 22 mg/L					

c) For discharges where metals are believed present, please fill out the following:

<p>Step 1: Do any of the metals in the influent have a reasonable potential to exceed the effluent limits in Appendix III (i.e., the limits set at zero to five dilutions)? Y <input checked="" type="checkbox"/> N</p>	<p>If yes, which metals? total iron</p>
<p>Step 2: For any metals which have reasonable potential to 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? Metals: <u>iron</u> DF: <u>0.07</u> * provided by J. Andrews NHDES 10/7/05</p>	<p>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 <input checked="" type="checkbox"/> N <input type="checkbox"/> If "Yes," list which metals:</p>

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: <i>(see Attachment C)</i>						
b) Identify each applicable treatment unit (check all that apply):	Frac. tank	<u>Air stripper</u>	Oil/water separator	Equalization tanks	Bag filter	GAC filter
	Chlorination	Dechlorination	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 <u>12.1 gpm</u> Maximum flow rate of treatment system <u>90 gpm</u> Design flow rate of treatment system <u>50 gpm</u>						
d) A description of chemical additives being used or planned to be used (attach MSDS sheets): <i>none to date</i>						

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

a) Identify the discharge pathway:	Direct <input type="checkbox"/>	Within facility <input type="checkbox"/>	Storm drain <input checked="" type="checkbox"/>	River/brook <input checked="" type="checkbox"/>	Wetlands <input type="checkbox"/>	Other (describe):
b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters: <i>(See attached narrative and Figures included in Attachment C)</i>						
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. <i>(Attachment C)</i>						
d) Provide the state water quality classification of the receiving water <u>B</u>						
e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water <u>0</u> cfs <i>* provided by NHDES 10/7/05</i> 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? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, for which pollutant(s)? Is there a TMDL? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, for which pollutant(s)?						

6. Results of Consultation with Federal Services: Please provide the following information according to requirements of Part I.B.4 and Appendices II and VII.

a) Are any listed threatened or endangered species, or designated critical habitat, in proximity to the discharge? Yes No
Has any consultation with the federal services been completed? No or is consultation underway? Yes No
What were the results of the consultation with the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service (check one):
a "no jeopardy" opinion? or written concurrence on a finding that the discharges are not likely to adversely affect any endangered species or critical habitat?

b) Are any historic properties listed or eligible for listing on the National Register of Historic Places located on the facility or site or in proximity to the discharge? Yes No
Have any state or tribal historic preservation officer been consulted in this determination (Massachusetts only)? Yes No (N/A)

→ closest registered historic site is 2.3 miles east of site

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: No Limits Convenience, LLC
Operator signature: Brian D. Kusur
Title: Principal Officer
Date: 10/2/05

ATTACHMENT B
NPDES EXCLUSION PERMIT
AND
NHDES TSWDP



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 1

1 CONGRESS STREET, SUITE 1100
BOSTON, MASSACHUSETTS 02114-2023

August 21, 2003

Mr. Timothy Peterson
Peterborough Oil Co., Inc. and
665 North Main St.
Leominster, MA 01453

Mr. Jeffrey Shaw, P.E.
GeoInsight, Inc.
75 Gilcreast Road, Suite 210
Londonderry, NH 03053-3566

Re: Mr. Mike's Mobil, Northwood, NH; **NPDES Exclusion # NH 03I-012**

Dear Mr. Peterson and Mr. Shaw:

As of June 3, 2002, the On-Scene Coordinators (OSC's) in the Emergency Planning & Response Branch of EPA-New England (EPA-NE) have no longer been issuing National Pollutant Discharge Elimination (NPDES) Permit "Exclusion" letters in the states of Massachusetts and New Hampshire. EPA is, however, still the permitting authority for point source water discharge permits in these two states. Since the early 90's, EPA-NE granted exclusions to the NPDES permit process under the authority of Section 122.3(d) of the NPDES regulations to allow expedited testing and cleanup of contaminated sites for which a discharge of groundwater and incidental surface water was required following appropriate treatment. This process was necessary due to the large number of cleanups requiring permits and the time-frame necessary to issue individual NPDES permits.

Exclusion letters were developed for each site following submission and review of an application with various site information, test data, treatment type, and other facts. Discharge effluent limits, monitoring requirements and other special conditions were set out in the letters signed by the OSC in charge. EPA-NE has determined that we can no longer issue these exclusions except in circumstances where a response action is under the direct control of the OSC (either EPA or the USCG) as outlined in the National Contingency Plan (NCP). These determinations are made following notification to the National Response Center of a release of a reportable quantity of oil or hazardous substances.

We are in the process of developing a new General NPDES Permit to cover short and long term discharges from remediation activities. We expect the lead time needed to become covered by the General Permit to be about the same as the current exclusion waiver process. We hope to have the General Permit published in the Federal Register as final and effective in the near future. Until the effective date of the new General Permit, EPA-NE is requesting that you provide treatment of any such discharges to waters of the United States consistent with the limits and other requirements traditionally established in the Exclusion letters process.

Please refer to "Attachment A" to this letter for the interim requirements for discharge.

Toll Free • 1-888-372-7341

Internet Address (URL) • <http://www.epa.gov/region1>

Recycled/Recyclable • Printed with Vegetable Oil Based Inks on Recycled Paper (Minimum 90% Postconsumer)

Until a new Notice of Intent (NOI) form is available for the General Permit, you should complete the standard "NPDES Permit Exclusion Application-Incident Notification Report" form as is the current practice. Forms and instructions can be obtained from any of the contacts at the end of this letter. Completed forms should be sent to:

NH: Ms. Shelley Puleo
or
MA: Ms. Olga Vergara

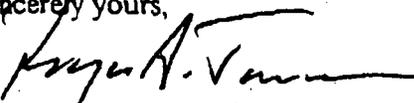
Mail Code: CMU
Office of Ecosystem Protection
Environmental Protection Agency
One Congress St, Suite 1100
Boston, MA 02114-2023

FAX No: (617) 918-2064

A copy should be sent to the appropriate MA and NH state contact as well.

If you have any questions or concerns about this process please contact John Hackler of the NPDES Program at (617) 918-1551. Additional contacts for the NPDES Program include Olga Vergara for MA issues at (617) 918-1519 and Shelley Puleo for NH issues at (617) 918-1545. Thank you for your cooperation as we develop this new permit.

Sincerely yours,



Roger Janson, Associate Director
Surface Water Programs

cc. State of MA/or
State of NH

**** MR. MIKE'S MOBIL, NORTHWOOD, NH ****

ATTACHMENT A

The discharge(s) referenced in the accompanying letter must be in accordance with the following provisions:

1. No discharge of oil, sufficient to cause a sheen (as defined in 40 CFR 110), occurs to the drainage system. The discharge of a sheen of oil or gasoline constitutes an oil spill and must be reported immediately to the National Response Center (NRC) at (800) 424-8802.
2. Security provisions are maintained to assure that system failure, vandalism, or other incidents will be addressed in a timely fashion, preventing the loss of oil or contaminated water to the drainage system.
3. The flow rate shall be maintained within acceptable operating parameters and shall not exceed the design flow of the treatment system. There shall be no bypass of the treatment system unless unavoidable to prevent loss of life, personal injury, or severe property damage. No filter backwash or other maintenance waters shall be discharged without treatment.
4. Sampling and analysis, in accordance with EPA Methods, must be performed for the following chemicals with the listed limits being applicable:

Total Petroleum Hydrocarbons (TPH)	5 ppm
Benzene	5 ppb
Toluene	*
Ethyl Benzene	*
Xylenes	*
The total for Benzene, Toluene, Ethyl Benzene, and Xylenes (BTEX)	100 ppb
Naphthalene	20 ppb
Methyl-tert-Butyl Ether (MtBE)	13 ppb

Should sampling indicate the presence of additional chemicals, discharge concentrations should not exceed the Federal Drinking Water Standards (MCL's) or 100 ppb, whichever is lower, in the effluent.

Solids - These waters shall be free from floating, suspended, and settleable solids in concentrations or combinations that would impair any use assigned to this class, that would cause esthetically objectionable conditions, or that would impair the benthic biota or degrade the chemical composition of the bottom sediments.

Color and Turbidity - These waters shall be free from color and turbidity in concentrations or combinations that are esthetically objectionable conditions or that would impair the use assigned to this class.

Laboratory samples must be obtained from the influent to treatment, and from the effluent to the drainage system once each day for the first, third and sixth day of discharge. These samples must be analyzed with a 72-hour turnaround time. If the system is working properly, sampling for the remainder of the month shall be weekly and then monthly thereafter. The turnaround time for these samples shall ensure that no more than seven days pass between the sampling event and when the results are received and reviewed by the contractor.

If analysis indicates that the effluent limits have been exceeded, then the system must be shut down immediately and the problem corrected. Upon restarting the system, a sample must be taken and there must be 24 hour turnaround for the results. If the analysis indicates that the problem has been corrected, then the sampling schedule shall resume. If not, then the system shall be shut down again and repaired.

5. Analytical Reports, with quality control information, are to be reported to EPA and the MADEP or NHDES Project Manager by the 28th of the following month. Reports to EPA should be sent to:

NPDES Permit Unit
Mail Code (CPE)
Office of Ecosystem Protection
Environmental Protection Agency
One Congress St., Suite 1100
Boston, MA 02114-2023

RE: NPDES [please include assigned reference # on all correspondence]

6. You, or your contractor, must maintain copies of all analytical reports, and quality control information for a period of 3 years from the date of the report.

You should consider these requirements to be in effect immediately.

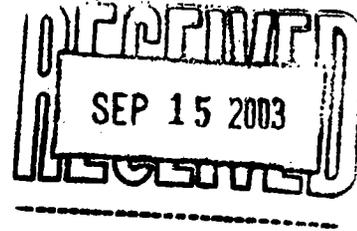
State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3644 FAX (603) 271-2181



NHDES

September 11, 2003



Mr. Tim Petersen
Peterborough Oil Co., Inc.,
665 North Main Street
Leominster, MA 01453

**SUBJECT: NORTHWOOD – MIKE'S MOBIL, TEMPORARY SURFACE WATER DISCHARGE
PERMIT TSWP- 198903003-N-001 (DES #198903003-LUST-WLP-1)**

Dear Mr. Petersen:

Enclosed please find the Temporary Surface Water Discharge Permit approved by the Water Division of the Department of Environmental Services (Department). This permit is being issued for the purpose of groundwater remediation at Mike's Mobil Site, Route 4 and Ridge Road, Northwood.

Please note that this permit allows discharge pursuant to New Hampshire statute RSA 485-A:13. However, this permit does not authorize discharge under the federal Clean Water Act. For information about federal Clean Water Act requirements please contact:

John Hackler
USEPA
Office of Ecosystem Protection
JFK Federal Building Mail Code CPE
Boston, MA 02203
(617) 918-1551

Please note that the discharge limitation for tertiary butyl alcohol (TBA) is 1,000 parts per billion.

Should you have questions, please contact me at the address above or call me at (603) 271-7374.

Sincerely,

Slava Karnauk P.G.
Temporary Surface Water Permit Coordinator

H:\SK\TSWP2003\198903003.tsw

cc: Garry Lynn, P.E., ORCB
Maureen Estabrook, P.G., ORCB
Jeffrey Andrews, P.E., SWQB
Northwood Health Officer
John Hackler, USEPA
Andrea Kenter, Geolnsight, Inc.
File

This Temporary Surface Water Discharge Permit is being issued pursuant to authority in N.H. RSA 485-A: 13, I(a), subject to the following conditions:

STANDARD PERMIT CONDITIONS

1. The discharge shall not contain contaminant concentrations in excess of Surface Water Quality Standards and Ambient Groundwater Quality Standards (AGQS) adopted by the Department (N.H. Admin. Rules Env-Ws 1700 and N.H. Admin. Rules Env-Ws 1500, respectively).
2. Issuance of this permit is based on the Application for Temporary Surface Water Discharge Permit dated September 2, 2003, NPDES Permit Exclusion #NH 031-012 dated August 21, 2003.
3. The permittee shall comply with any conditions associated with this discharge stipulated by the municipality in which it is located.
4. Water samples shall be taken from the treatment system influent and treatment system effluent in accordance with the schedule outlined in the following table. Unless noted in the table, all laboratory testing shall require up to 14-day turnaround. The term "turnaround" shall mean the time span between sampling and notification of results to the permittee. Water samples shall be analyzed by a laboratory certified by the New Hampshire Department of Environmental Services.

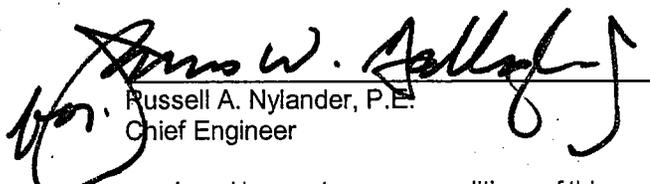
Sampling Period	Sampling Frequency	Analytical Method for Volatile Organic Compounds
First Day (24-hour turnaround).	Periodic headspace screening during treatment system operation.	A portable gas chromatograph and/or volatile organic analyzer.
	Water samples collected after six hours of treatment system operation.	Petroleum Remediation Short List of Analytes for the treatment system influent and effluent.
Remainder of first week (48-hour turnaround).	Water samples collected on day 2, 3, and 5.	Petroleum Remediation Short List of Analytes for the treatment system influent and effluent.
Remainder of first month.	Water samples collected weekly.	Petroleum Remediation Short List of Analytes for the treatment system influent and effluent.
Remainder of permitted discharge period.	Water samples collected monthly.	Petroleum Remediation Short List of Analytes for the treatment system influent and effluent.

5. The permittee shall submit monitoring results to the Department's Project Manager, Maureen Estabrook. Monitoring results of samples collected during the discharge period and a concise summary report shall be submitted within 60 days of treatment system start-up.
6. The permittee shall cease discharge immediately and notify the Department within one working day by telephone if any results of final effluent sampling indicate levels above AGQS and/or surface water quality standards. An explanation of the cause for exceeding permitted limits, a description of all corrective measures performed, and any maintenance conducted during the shutdown shall be submitted within 30 days of the violation.
7. If the treatment system is shut down for maintenance or modification, then the start-up sampling shall be performed upon initiation of treatment system start-up. Water samples shall be taken from the treatment system influent and treatment system effluent in accordance with the schedule outlined in the following table. Unless noted in the table, all laboratory testing shall require up to 14-day turnaround. The term "turnaround" shall mean the time span between sampling and notification of

results to the permittee. Water samples shall be analyzed by a laboratory certified by the New Hampshire Department of Environmental Services.

Sampling Period	Sampling Frequency	Analytical Method for Volatile Organic Compounds
First Day (24-hour turnaround).	Periodic headspace screening during treatment system operation.	A portable gas chromatograph and/or volatile organic analyzer.
	Water samples collected after six hours of treatment system operation.	Petroleum Remediation Short List of Analytes for the treatment system influent and effluent.
Remainder of first week (48-hour turnaround).	Water samples collected on day 2.	Petroleum Remediation Short List of Analytes for the treatment system influent and effluent.
Remainder of permitted discharge period.	Water samples collected monthly.	Petroleum Remediation Short List of Analytes for the treatment system influent and effluent.

8. The permittee shall not make any alteration in the configuration or operation of the extraction, treatment and discharge systems without written approval of the Department.
9. All grit, oil, sludge or other wastes that result from the operation of the treatment system shall be disposed of in a legal manner.
10. Pursuant to RSA 485-A:13, I(c), any person responsible for a bypass or upset at a treatment system shall give immediate notice of the bypass or upset to all public or privately owned water systems drawing water from the same receiving water and located within 20 miles downstream of the point of discharge.
11. The Department reserves the right, under RSA 485-A, to require treatment system modification or increased sampling frequency based on system performance.
12. This permit expires 8 months after the date of issuance, unless the complete State water discharge permit and NPDES permit applications are on file with the State and EPA, at which time this permit shall be extended until the NPDES permit is issued.
13. The permittee shall submit written notification to the Temporary Surface Water Discharge Permit Coordinator within 45 days from when the discharge authorized under the Temporary Surface Water Discharge Permit is eliminated. The permittee shall withdraw any application for an NPDES permit on file with the U.S. Environmental Protection Agency within 45 days from when the discharge is eliminated. The discharge shall be considered eliminated when discharges have ceased for a period of 90 days. The permittee shall submit a copy of the above-required correspondence to the Permits & Compliance Section of the DES' Wastewater Engineering Bureau within 45 days from when the discharge is eliminated. Any future discharges from the same pipe that are necessary after 90 days must be authorized under a new TSWP or any general NPDES permit issued by the U.S. Environmental Protection Agency.


 Russell A. Nylander, P.E.
 Chief Engineer

Under RSA 21-0:14 and 21-0:7-IV, any person aggrieved by any terms or conditions of this permit may appeal to the Water Council in accordance with RSA 541-A and N.H. Admin. Rules, Env-WC 200. Such appeal must be made to the Council within 30 days and must be addressed to Chairman, Water Council, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095.

ATTACHMENT C

**AS-BUILT PIPING AND INSTRUMENTATION DIAGRAM
DISCHARGE POINT AND RECEIVING WATERS FIGURES**

ShallowTray® Low Profile Air Stripper Specification Sheet - Stainless Steel Systems

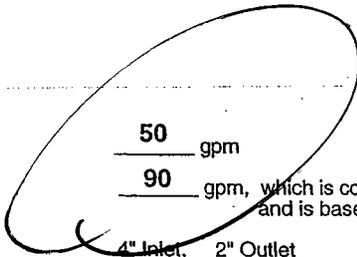
ShallowTray Serial #: 3651-08-5798 Customer: Peterborough Oil Ship date: tbd
 Engineered By: Steve Morelli Order Date: 5/28/03
 Design Review: Engineering _____ Sales _____
 Additional Treatment Equipment:
 EconoPump Serial #: n/a

I. Special Components / Requirements / Information / Comments

- (3) Flow meters ship loose
- (1) Electric heater ship loose

II. Design Criteria

Design Water Flow Rate 50 gpm
 Maximum Water Flow Rate 90 gpm, which is considered a Low Water Flow Design, or _____ a High Water Flow Design, and is based on the blower model selection.
 Weir Height 4" Inlet, 2" Outlet
 Equipment Power Requirements 1 ∅, 230 volts, 60 Hz



INSTALL ALL EQUIPMENT PER APPLICABLE NATIONAL AND LOCAL CODES. CUSTOMER TO PROTECT EXPLOSION-PROOF MOTORS FROM RAIN.

III. Basic System Components

- Sump Tank, Cover
- 5 Aeration Trays (quantity)
- Latches
- Main Blower (with inlet screen and damper)
Minimum Required Blower Performance
- Blower on Inlet (Pressure system)
- Blower on Outlet (Vacuum system)
- Blowers on In & Out (Combo system)
- Demister Pad
- Spray Nozzle
- Sight Tube
- Aeration Tray Gaskets
- Inlet Piping Connection
- Blower and Vent Line Connections

CAUTION: MAXIMUM PRESSURE OR VACUUM ACROSS STAINLESS STEEL SYSTEM = 32" WC

304L stainless steel _____ 316L stainless steel
 304L stainless steel _____ 316L stainless steel

304L stainless steel
American Fan Model # BC3-06-20A

900 cfm @ 22 "wc
7.5 hp, 1 ∅, 230 volts, 3450 rpm
60 Hz, TEFC or _____ EXP
6 "Blower Inlet Size, 6 "Blower Outlet Size

Blower P/N 100-00664
 Coupling P/N 150-00150
 Riser P/N 0000000

22 "wc Main Blower Sized For required for ShallowTray Air Stripper
0 "wc additional available for airstream equipment

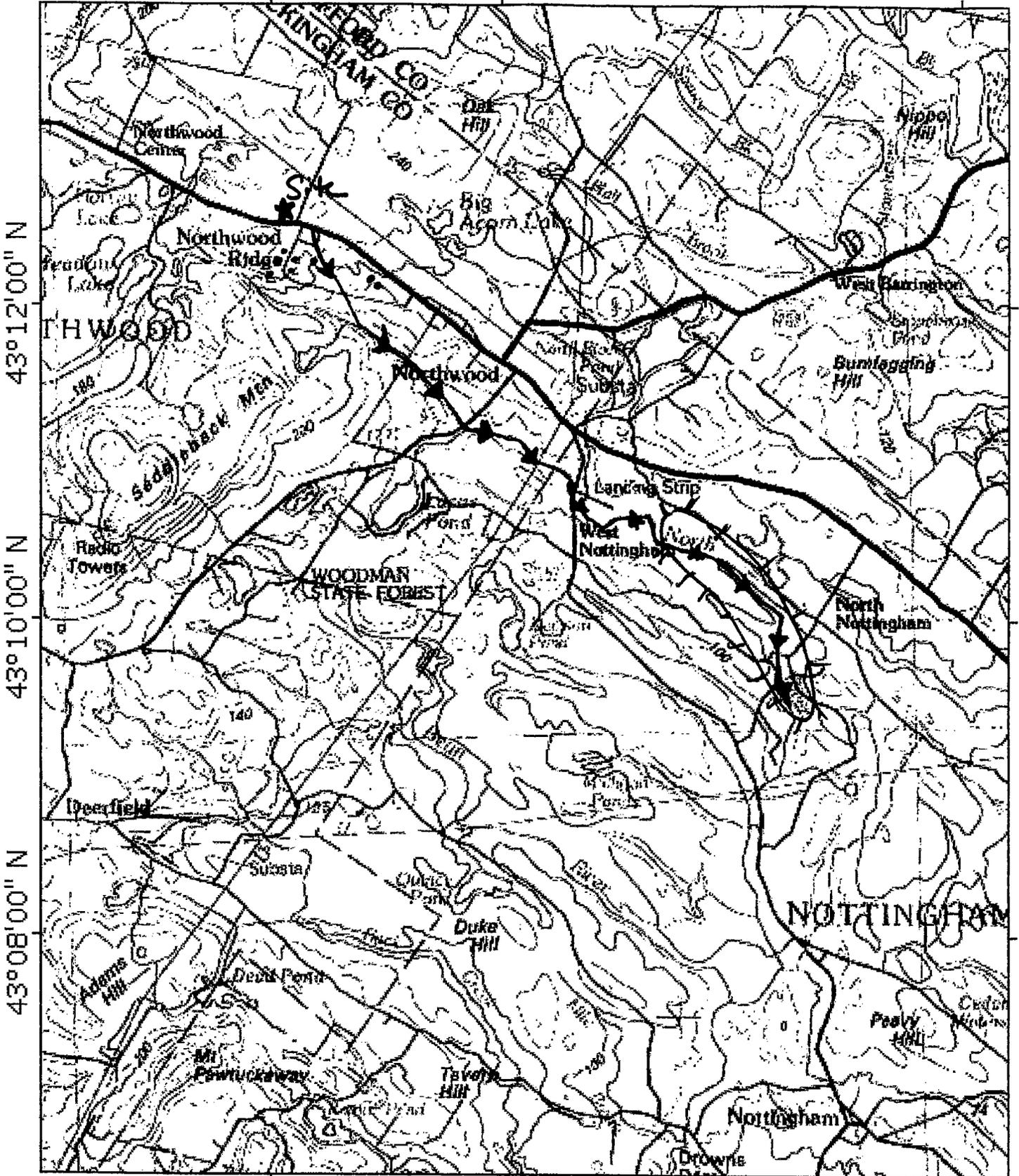
Koch style 4310, 4" thick, 304 ss
 Hollow cone, 90° pattern, sized for 15 psi, brass
 Brass, Nalgene tubing
 High density nitrile sponge rubber
 Schedule 80 PVC, Brass
 Flexible rubber couplings

IV. Optional Equipment

<input type="checkbox"/> Frame	3 in. and 4 in. welded steel, C-Channel
<input checked="" type="checkbox"/> Air Pressure Gauge (0 - <u>40</u> - <u>30</u> "wc)	Dwyer Magnehelic 2000 series
<input type="checkbox"/> Gravity Discharge Riser	PVC 80 Piping, with vacuum relief valve
<input type="checkbox"/> Additional Blower (with inlet screen and damper) Required Performance	_____ Fan Model # _____ _____ cfm @ _____ "wc Blower P/N _____ _____ hp, _____ Ø, _____ volts, _____ rpm, _____ Hz, _____ TEFC or _____ EXP _____ "Blower Inlet Size, _____ "Blower Outlet Size
<input type="checkbox"/> Feed Pump Required Performance	_____ Pump Model # _____ _____ gpm @ _____ ' TDH Feed Pump P/N _____ _____ hp, _____ Ø, _____ volts, _____ rpm, _____ Hz, _____ TEFC or _____ EXP Port Sizes: _____ inch inlet, _____ inch outlet. Impellor Size _____ inches
<input checked="" type="checkbox"/> Discharge Pump Required Performance	Goolds _____ Pump Model # <u>3656</u> <u>50</u> gpm @ <u>150</u> TDH Discharge Pump P/N <u>110-01119</u> <u>5</u> hp, <u>1</u> Ø, <u>230</u> volts, <u>3450</u> rpm, <u>60</u> Hz, <input checked="" type="checkbox"/> TEFC or _____ EXP Port Sizes: <u>2</u> inch inlet, <u>1</u> inch outlet. Impellor Size <u>6 7/16</u> inches
<input type="checkbox"/> Main Disconnect Switch	Integral with electrical enclosure, rotary style
<input type="checkbox"/> Control Panel	Motor starters, system alarm interlock circuit, operator switches, alarm light, NEMA _____ Enclosure, _____ Amps, _____ Ø, _____ Volts, _____ Hz, _____ wire and ground
<input checked="" type="checkbox"/> Control Panel w/ Pump Level Control	Motor starters, system alarm interlock circuit, pump level control circuit, operator switches, alarm light, NEMA <u>4</u> Enclosure; <u>200</u> Amps, <u>1</u> Ø, <u>230</u> Volts, <u>60</u> Hz, <u>3</u> wire and ground
<input type="checkbox"/> PurgePanel™	NEMA 7 Main Disconnect switch, NEMA 4 enclosure, air pressure gauge, Low air pressure switch, Blower (100 cfm @ 2" w.c.)
<input checked="" type="checkbox"/> Autodialer	Manufacturer <u>Sensaphone 2000</u>
<input type="checkbox"/> Control Circuit Transformer	_____ :120vac
<input checked="" type="checkbox"/> Intrinsically-Safe Relay	_____ Pepperl+Fuchs, WE77/Ex2-UL repeater relay Dual Channel, SPDT relay output _____ Warrick 27A1E0 latching relay Single Channel, SPDT relay output
<input type="checkbox"/> Intermittent Operation	Blower time-delay circuit added to panel design. Blower shuts off 5 minutes after inlet water flow stops.
<input checked="" type="checkbox"/> Auto Operation	# of wells <u>2</u>
<input checked="" type="checkbox"/> Well Probes	Warrick, series 3W
<input type="checkbox"/> Blower Start/Stop Switch	Local blower switch mounted near blower
<input type="checkbox"/> Power Lapse Indicator	Black-out / Brown-out Indicating light, switch and circuit added to panel design
<input type="checkbox"/> Individual Alarm Light	Light and relay circuit added to panel design
<input type="checkbox"/> Strobe Alarm Light	_____ Red, _____ Blue, Federal Signal, NEMA 4, UL listed
<input type="checkbox"/> Alarm Horn	Federal Signal
<input checked="" type="checkbox"/> Low Air <input checked="" type="checkbox"/> Press. _____ Vacuum Switch	Dwyer 1950-1, preset at 1.6" wc (range=0.3"wc to 1.6" wc), Explosion-proof
<input type="checkbox"/> High Air _____ Press. _____ Vacuum Switch	Dwyer 1950, _____ "wc to _____ "wc, Explosion-proof
<input type="checkbox"/> Low Water Level Alarm Float Switch	Mechanical, SJ Electro, (qty) _____ N.O., (qty) _____ N.C.
<input checked="" type="checkbox"/> High Water Level Alarm Float Switch	Mechanical, SJ Electro, (qty) _____ N.O., (qty) <u>1</u> N.C.
<input checked="" type="checkbox"/> Discharge Pump Float Switch	Mechanical, SJ Electro, (qty) <u>1</u> N.O., (qty) _____ N.C.
<input type="checkbox"/> Water Flow Meter	Manufacturer _____
<input type="checkbox"/> Air Flow Meter	Dwyer 2000-0 meter, single-point insertion pitot tube, mounting kit
<input type="checkbox"/> Water Press. Gauge, _____ inlet, _____ outlet	Dial gauge, liquid-filled
<input type="checkbox"/> Water Temp. Gauge, _____ inlet, _____ outlet	Dial gauge
<input type="checkbox"/> Line Sampling Port, _____ inlet, _____ outlet	Schedule 80 PVC
<input checked="" type="checkbox"/> Air Blower Silencer	Manufacturer <u>Solberg</u> with spare element <u>100-1091</u>
<input checked="" type="checkbox"/> Washer Wand	Nozzle, Elbow, 1/4" steel pipe duplex
<input checked="" type="checkbox"/> Viewport Set - <u>5</u> 4"Ø, <u>1</u> 8"Ø	Lexan viewports with rubber coupling

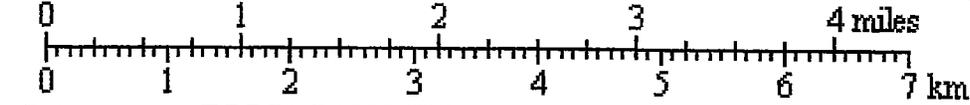
71°11'00" / 71°09'00" W

WGS84 71°05'00" W



71°11'00" W 71°09'00" W

WGS84 71°05'00" W

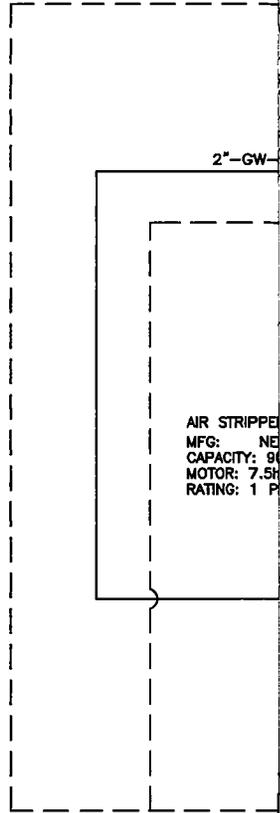
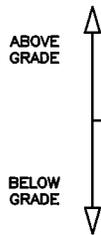


Printed from TOPO! ©1999 Wildflower Productions (www.topo.com)

● denotes approximate location of private water supply well
 → denotes receiving waters approx. pathway

(C)

PLOT DATE: 10-7-05
 FILE: I:\4066\4066d005.dwg



AIR STRIPPER
 MFG: NE
 CAPACITY: 96
 MOTOR: 7.5H
 RATING: 1 P

PURE DISCHARGE
 STORM DRAIN

INTERLOCK/FAILSAFE SCHEDULE

LOCATION	FUNCTION
GROUND WATER PUMP W/LOW WATER LEVEL ALARM	SHUTS OFF GROUND WATER PUMP IN RW-16. DOES NOT SHUT OFF RW-17 TRANSFER PUMP REMAINS ON. BLOWER REMAINS ON.
AIR STRIPPER W AIR PRESSURE ALARM	SHUTS OFF GROUND WATER PUMPS. SHUTS OFF TRANSFER PUMP. BLOWER SHUTS OFF (IF NECESSARY)
AIR STRIPPER W/HIGH WATER LEVEL ALARM	SHUTS OFF GROUND WATER DEPRESSION PUMPS. TRANSFER PUMP REMAINS ON. BLOWER SHUTS OFF AFTER TIME DELAY.

** SIGNIFIES A CRITICAL DEVICE

REVISIONS

DESCRIPTION	DATE

REVISIONS	DATE

GEO
nsight
INC.

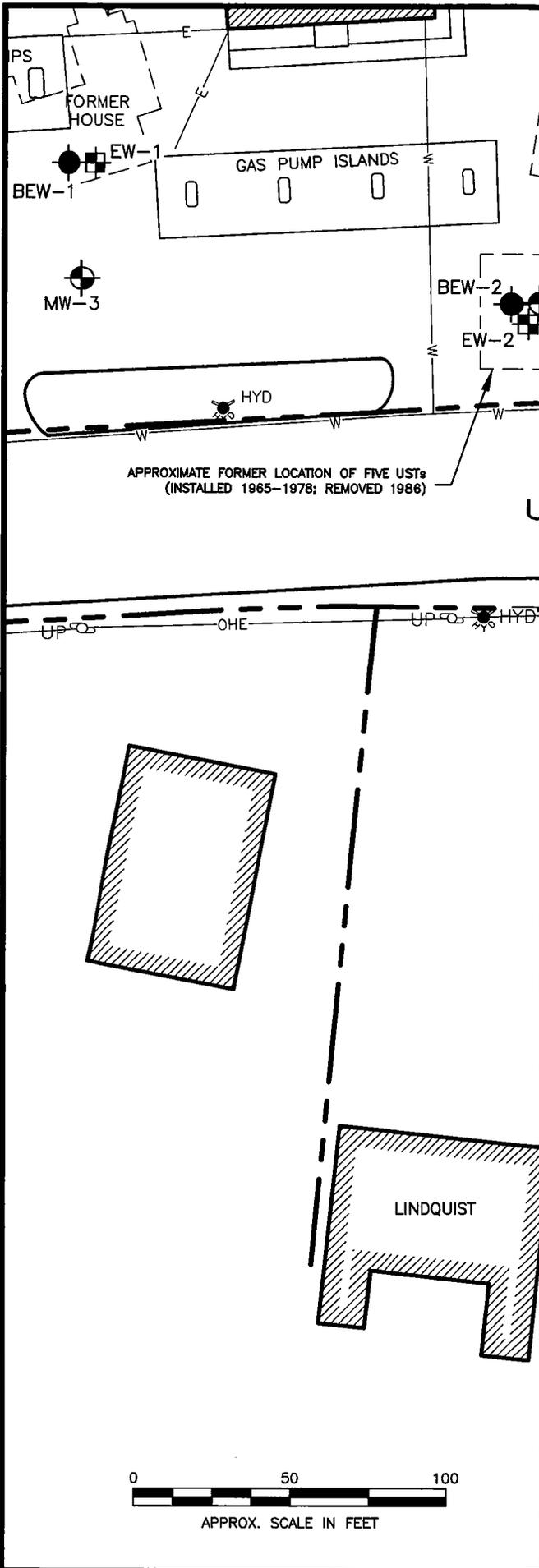
CLIENT: NO LIMITS CONVENIENCE, LLC
 PROJECT: NORTHWOOD, NEW HAMPSHIRE

WATER TABLE
 P1 (WTDP)

MFG:
 MODEL:
 CAPACITY:

AS-BUILT PIPING AND INSTRUMENTATION DIAGRAM

DRAWN: DLL	CHECKED: AWK	APPROVED: BDK	APPENDIX: A
DATE: 1/22/04	FILE NO.: 4066d005	PROJECT NO.: 4066-000	



LEGEND

- MONITORING WELL
- OVERBURDEN EXTRACTION WELL
- BEDROCK EXTRACTION/MONITORING WELL
- CATCH BASIN
- FIRE HYDRANT
- UTILITY POLE
- WATER LINE
- DRAIN LINE
- UNDERGROUND ELECTRIC AND TELEPHONE LINES
- OVERHEAD ELECTRIC LINE
- APPROXIMATE LOCATION OF PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF SUBSURFACE TREATED GROUND WATER DISCHARGE LINE
- APPROXIMATE LOCATION OF SUBSURFACE INFLUENT LINES

NOTES:

1. ALL BASE MAP OF SITE PROVIDED BY HANDEX ENGLAND, INC.

2. MAP OF NEIGHBORING PROPERTIES BASED ON "EXPLORATION LOCATION PLAN" DATED APRIL 1995, BY GZA GEOENVIRONMENTAL, INC.

3. LOCATION OF LINES BASED ON HISTORICAL SITE PLAN BY GZA DATED 1990.

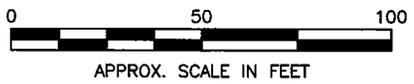
4. LOCATIONS ARE APPROXIMATE.

10 ght <small>INC.</small>	CLIENT: NO LIMITS CONVENIENCE, LLC
	PROJECT: NORTHWOOD, NEW HAMPSHIRE

REGIONAL SITE PLAN

DRAWN: DLL	CHECKED: JPS	APPROVED: BDK	FIGURE NO.: B
DATE: 1/23/04	FILE NO.: 4066d005	PROJECT NO.: 4066-000	

PLOT DATE: 10-7-05
FILE: I:\4066\4066d005.dwg



ATTACHMENT D

**SUMMARY OF AQUEOUS PHASE ANALYTICAL RESULTS
MASS REMOVAL CALCULATIONS**

**MASS REMOVAL SUMMARY
NO LIMITS CONVENIENCE, LLC
ROUTE 4
NORTHWOOD, NEW HAMPSHIRE
NHDES # 198903003**

Date	Liquid Flow Rate (gpm)	Inf Total VOCs (ug/l)	Eff Total VOCs (ug/l)	Inf Total TPH (ug/l)	Eff Total TPH (ug/l)	VOCs and TPH Removed		
						Rate (lb/day)	Total (lbs) Period	Cumulative Total (lbs)
11/11/03	18.1	113	3	109	0	0.048	0.0	0.0
11/12/03	22.9	132	2	57	0	0.051	0.1	0.1
11/14/03	14.1	81	3	112	0	0.032	0.1	0.2
11/17/03	18.1	161	2	113	0	0.059	0.2	0.3
11/24/03	20.5	110	2	73	0	0.045	0.3	0.7
12/1/03	14.5	165	13	151	24	0.049	0.3	1.0
12/12/03	NS	NS	1	NS	NS	0.049	0.5	1.5
12/30/03	18.1	NS	NS	NS	NS	0.049	0.9	2.4
1/9/04	21.8	85	3	44	0	0.033	0.3	2.7
1/27/04	19.1	NS	NS	NS	NS	0.033	0.6	3.3
2/3/04	0.3	NS	NS	NS	NS	0.033	0.2	3.6
2/4/04	16.5	72	0	58	0	0.026	0.0	3.6
2/5/04	20.0	47	0	44	0	0.022	0.0	3.6
3/9/04	12.1	100	2	NS	0	0.022	0.7	4.3
3/22/04	15.9	NS	NS	NS	NS	0.022	0.3	4.6
3/31/04	18.1	71	5	NS	0	0.022	0.2	4.8
5/5/04	17.9	64	0	NS	0	0.022	0.8	5.6
5/18/04	13.8	NS	NS	NS	NS	0.022	0.3	5.8
5/19/04	15.5	22	1	16	0	0.007	0.0	5.9
5/20/04	18.1	55	0	NS	0	0.007	0.0	5.9
6/24/04	0.6	72	19	74	0	0.001	0.0	5.9
6/25/04	15.1	78	18	65	0	0.023	0.0	5.9
7/1/04	14.7	55	0	65	0	0.021	0.1	6.0
7/2/04	14.5	74	0	63	0	0.024	0.0	6.1
7/9/04	7.6	NS	NS	NS	NS	0.024	0.2	6.2
7/16/04	7.8	NS	NS	NS	NS	0.024	0.2	6.4
7/29/04	18.1	NS	NS	NS	NS	0.024	0.3	6.7
8/5/04	16.9	59	3	NS	0	0.024	0.2	6.9
9/1/04	16.8	51	2	0	0	0.010	0.3	7.1
9/8/04	16.4	NS	NS	NS	NS	0.010	0.1	7.2
9/13/04	1.3	21	2	20	0	0.001	0.0	7.2
9/15/04	13.8	30	1	24	0	0.009	0.0	7.2
9/28/04	16.5	NS	NS	NS	NS	0.009	0.1	7.3
10/20/04	15.7	29	1	30	0	0.011	0.2	7.6
11/23/04	3.0	55	3	28	0	0.003	0.1	7.7
11/24/04	16.0	49	0	49	0	0.019	0.0	7.7
12/6/04	1.8	NS	NS	NS	NS	0.019	0.2	7.9
12/7/04	10.6	60	0	51	0	0.014	0.0	7.9
12/8/04	10.1	73	0	63	0	0.016	0.0	8.0
12/22/04	14.0	NS	NS	NS	NS	0.016	0.2	8.2

**MASS REMOVAL SUMMARY
NO LIMITS CONVENIENCE, LLC
ROUTE 4
NORTHWOOD, NEW HAMPSHIRE
NHDES # 198903003**

Date	Liquid Flow Rate (gpm)	Inf Total VOCs (ug/l)	Eff Total VOCs (ug/l)	Inf Total TPH (ug/l)	Eff Total TPH (ug/l)	VOCs and TPH Removed		
						Rate (lb/day)	Total (lbs) Period	Cumulative Total (lbs)
1/7/05	7.7	44	0	42	0	0.008	0.1	8.3
2/9/05	16.6	35	0	27	0	0.012	0.4	8.7
3/9/05	15.5	42	0	26	0	0.013	0.4	9.1
4/4/05	15.1	41	0	25	0	0.012	0.3	9.4
4/26/05	10.7	NS	NS	NS	NS	0.012	0.3	9.7
5/19/05	6.8	54	0	NS	NS	0.012	0.3	9.9
6/1/05	4.8	NS	NS	NS	NS	0.012	0.2	10.1
6/10/05	11.7	NS	NS	NS	NS	0.012	0.1	10.2
6/14/05	0.4	NS	NS	NS	NS	0.012	0.0	10.2

Notes:

1. NS - Not sampled; gpm - gallons per minute; ug/l - micrograms per liter; lb/day; pounds per day.
2. LGAC - liquid phase granular activated carbon; Inf - influent sample location; Eff - effluent sample location; VOCs - volatile organic compounds; TPH - total petroleum hydrocarbons.
3. Liquid Phase VOC Removal Rate:
 $(\text{LGAC Inf Ttl VOCs \& TPH} - \text{LGAC Eff Ttl VOCs \& TPH}) * 10^{-6} \text{ g/ug} * 3.78 \text{ l/gal} * 0.0022 \text{ lb/g} * 1,440 \text{ min/day} * \text{gpm} = \text{lb/day}$
 For dates with measured flow but no (or incomplete) sampling data, the previous daily removal rate was used and re-calculated for the current daily flow.

REMEDIAL SYSTEM OPERATIONS SUMMARY
NO LIMITS CONVENIENCE, LLC
ROUTE 4
NORTHWOOD, NEW HAMPSHIRE
NHDES # 198903003

Site Visit Date	R-16 Totalizer Reading	R-17 Totalizer Reading	Ground Water Treatment System				Average daily flowrate (gpm)	Average daily flowrate (gpd)	Ave daily flowrate over the reporting period (GPM)	Tech Initials
			Total Gallons Pumped	Gallons Pumped Since last visit	Days Since Last Visit	Operational Status on arrival				
10-Nov-03	1,131	435	1,566	NA	NA	NA	NA	NA	DCD	
10-Nov-03	6,365	3,655	10,020	8,454	0	YES	NA	NA	AWK	
11-Nov-03	22,136	13,989	36,125	26,105	1	YES	18.13	26,105	DCD	
12-Nov-03	41,950	27,170	69,120	32,995	1	YES	22.91	32,995	BDK	
14-Nov-03	66,184	43,555	109,739	40,619	2	NO	14.10	20,310	AWK	
17-Nov-03	114,123	73,879	188,002	78,263	3	YES	18.12	26,088	DCD	
24-Nov-03	238,235	156,780	395,015	207,013	7	YES	20.54	29,573	AWK	
1-Dec-03	326,302	215,133	541,435	146,420	7	NO	14.53	20,917	CGL	
12-Dec-03	---	---	---	---	---	YES	---	---	AJ	
30-Dec-03	798,246	500,573	1,298,819	757,384	29	NO	18.14	26,117	AJ	
9-Jan-04	995,566	617,464	1,613,030	314,211	10	YES	21.82	31,421	MJB	
3-Feb-04	1,303,223	807,723	2,110,946	497,916	25	NO	13.83	19,917	13.0	AJ
4-Feb-04	1,318,412	816,248	2,134,660	23,714	1	YES	16.47	23,714	AJ	
5-Feb-04	1,336,620	826,805	2,163,425	28,765	1	YES	19.98	28,765	AHH	
9-Mar-04	1,563,154	1,175,761	2,738,915	575,490	33	YES	12.11	17,439	DCD	
22-Mar-04	1,743,764	1,293,327	3,037,091	298,176	13	NO	15.93	22,937	DCD	
31-Mar-04	1,886,601	1,384,869	3,271,470	234,379	9	YES	18.08	26,042	14.1	DCD
5-May-04	2,425,903	1,749,022	4,174,925	903,455	35	YES	17.93	25,813	PTS	
18-May-04	2,570,621	1,861,740	4,432,361	257,436	13	NO	13.75	19,803	DCD	
20-May-04	2,599,285	1,881,540	4,480,825	48,464	2	YES	16.83	24,232	16.8	ALM
24-Jun-04	2,617,264	1,894,277	4,511,541	30,716	35	YES	0.61	878	DCD	
25-Jun-04	2,630,216	1,903,024	4,533,240	21,699	1	YES	15.07	21,699	DCD	
1-Jul-04	2,705,358	1,954,833	4,660,191	126,951	6	YES	14.69	21,159	CGL	
2-Jul-04	2,716,522	1,964,506	4,681,028	20,837	1	YES	14.47	20,837	AWK	
9-Jul-04	2,716,522	2,041,445	4,757,967	76,939	7	YES	7.63	10,991	DCD	
16-Jul-04	2,716,616	2,119,629	4,836,245	78,278	7	YES	7.77	11,183	DCD	
29-Jul-04	2,910,320	2,264,624	5,174,944	338,699	13	YES	18.09	26,054	AJ	
5-Aug-04	3,005,544	2,339,703	5,345,247	170,303	7	NO	16.90	24,329	DCD	
1-Sep-04	3,371,580	2,628,670	6,000,250	655,003	27	YES	16.85	24,259	16.85	PTS
8-Sep-04	3,460,455	2,704,714	6,165,169	164,919	7	YES	16.36	23,560	AWK	

REMEDIAL SYSTEM OPERATIONS SUMMARY
NO LIMITS CONVENIENCE, LLC
ROUTE 4
NORTHWOOD, NEW HAMPSHIRE
NHDES # 198903003

Site Visit Date	R-16	R-17	Ground Water Treatment System				Average daily flowrate (gpd)	Ave daily flowrate over the reporting period (GPM)	Tech Initials	
	Totalizer Reading	Totalizer Reading	Total Gallons Pumped	Gallons Pumped Since last visit	Days Since Last Visit	Operational Status on arrival				Average daily flowrate (gpm)
13-Sep-04	3,465,490	2,709,210	6,174,700	9,531	5	NO	1.32	1,906		DCD
13-Sep-04	3,469,400	2,712,180	6,181,580	6,880	0	YES	NA	NA		ELS
15-Sep-04	3,490,884	2,730,330	6,221,214	39,634	2	YES	13.76	19,817		CGL
28-Sep-04	3,655,632	2,873,798	6,529,430	308,216	13	YES	16.46	23,709		CGL
20-Oct-04	3,915,554	3,110,447	7,026,001	496,571	22	YES	15.67	22,571	14.54	CGL
23-Nov-04	3,990,870	3,184,440	7,175,310	149,309	34	YES	3.05	4,391		ELS
24-Nov-04	4,002,913	3,195,382	7,198,295	22,985	1	YES	15.96	22,985	3.42	DCD
6-Dec-04	4,019,254	3,210,193	7,229,447	31,152	12	NO	1.80	2,596		DCD
7-Dec-04	4,027,545	3,217,139	7,244,684	15,237	1	YES	10.58	15,237		DCD
8-Dec-04	4,035,356	3,223,839	7,259,195	14,511	1	NO	10.08	14,511	3.02	CGL
22-Dec-04	4,164,230	3,376,206	7,540,436	281,241	14	YES	13.95	20,089		DCD
7-Jan-05	4,170,449	3,548,406	7,718,855	178,419	16	YES	7.74	11,151	10.64	DCD
9-Feb-05	4,615,057	3,893,569	8,508,626	789,771	33	YES	16.62	23,932	16.62	DCD
9-Mar-05	4,953,611	4,181,016	9,134,627	626,001	28	NO	15.53	22,357	15.53	DCD/AJ
4-Apr-05	5,245,043	4,456,723	9,701,766	567,139	26	YES	15.15	21,813	15.15	AJ
26-Apr-05	5,413,063	4,627,906	10,040,969	339,203	22	NO	10.71	15,418		CGL
19-May-05	5,524,000	4,741,775	10,265,775	224,806	23	NO	6.79	9,774	6.79	AJ
1-Jun-05	5,568,315	4,787,070	10,355,385	89,610	13	NO	4.79	6,893	7.80	CGL
10-Jun-05	5,642,505	4,864,735	10,507,240	151,855	9	NO	11.72	16,873		AWK
14-Jun-05	5,644,706	4,864,757	10,509,463	2,223	4	NO	0.39	556		CGL
23-Jun-05	5,735,060	4,900,650	10,635,710	126,247	9	YES	9.74	14,027		AJ
30-Jun-05	5,793,916	4,967,653	10,761,569	125,859	7	NO	12.49	17,980		BPP
8-Jul-05	5,809,033	5,056,478	10,865,511	103,942	8	YES	9.02	12,993		BPP
18-Jul-05	5,902,517	5,121,052	11,023,569	158,058	10	YES	10.98	15,806		BPP
27-Jul-05	5,983,667	5,194,424	11,178,091	154,522	9	YES	11.92	17,169		BPP
2-Aug-05	6,030,859	5,235,056	11,265,915	87,824	6	YES	10.16	14,637		BPP
12-Aug-05	6,115,462	5,292,718	11,408,180	142,265	10	Yes	9.88	14,226		BPP
13-Aug-05	6,115,462	5,292,718	11,408,180	0	1	NO	0.00	0		BPP
24-Aug-05	6,208,164	5,343,344	11,551,508	143,329	11	YES	9.05	13,030		BPP
15-Sep-05	6,382,370	5,354,350	11,736,720	185,212	22	Yes*	5.85	8,419		AJ

Notes: 1. NA - Not applicable.

AQUEOUS PHASE SYSTEM SAMPLING SUMMARY
NO LIMITS CONVENIENCE, LLC
NEW HAMPSHIRE ROUTE 4
NORTHWOOD, NEW HAMPSHIRE
NHDES # 198903003

Date	Sample ID	USEPA Method 8260B (ug/L)											USEPA Method 8015B (ug/L)	USEPA Method 160.2 (mg/L)	Comments
		Methyl-t-butyl ether (MTBE)	Benzene	Toluene	Ethylbenzene	mp-Xylene	o-Xylene	Naphthalene	TAME	TBA	Total BTEX	Total BTEX & MTBE	TPH	TSS	
NPDES Exclusion Discharge Limit (ug/L)		70	5	—	—	—	—	—	—	—	100		5	—	
NHDES AGQS (ug/L)		13	5	1,000	700	10,000 combined		20	140	40	—		—	—	
10-Nov-03	INFLUENT	185E	1J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	8	ND (20)	1J	>186	136	NA	Day #1/Week #1 of Permit
10-Nov-03	EFFLUENT	3	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	3	ND (10)	NA	
11-Nov-03	INFLUENT	113	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	4	ND (20)	ND (4)	113	109	8	Day #2/Week #1 of Permit
11-Nov-03	EFFLUENT	3	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	3	ND (10)	8	
12-Nov-03	INFLUENT	132	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	5	ND (20)	ND (4)	132	57	NA	Day #3/Week #1 of Permit
12-Nov-03	EFFLUENT	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	2	ND (10)	NA	
14-Nov-03	INFLUENT	81	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	3J	ND (20)	ND (4)	81	112	NA	Day #5/Week #1 of Permit
14-Nov-03	EFFLUENT	3	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	3	ND (10)	NA	
17-Nov-03	INFLUENT	158	3J	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	5	ND (20)	3J	161J	113	NA	Day #8/Week #2 of Permit
17-Nov-03	EFFLUENT	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	2	ND (10)	NA	
24-Nov-03	INFLUENT	110	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	ND (4)	3J	ND (20)	ND (4)	110	73	NA	Week #3
24-Nov-03	EFFLUENT	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	2	ND (10)	NA	
1-Dec-03	INFLUENT	165	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	6J	ND (20)	ND (10)	165	151	NA	Week #4
1-Dec-03	EFFLUENT	13	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	13	24	NA	
12-Dec-03	INFLUENT	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Confirmatory Sample
12-Dec-03	EFFLUENT	1J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	1J	NA	NA	
9-Jan-04	INFLUENT	84	1J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	3	ND (20)	1J	85J	44	ND (4)	Month #2 of Permit
9-Jan-04	EFFLUENT	3	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	3	ND (10)	ND (4)	
4-Feb-04	INFLUENT	71	1J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	3	ND (20)	1J	72J	58	NA	Day #1 (Re-Start)
4-Feb-04	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
5-Feb-04	INFLUENT	47	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	47	44	NA	Day #2 (Re-Start)
5-Feb-04	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
9-Mar-04	INFLUENT	96	ND (2)	4	ND (2)	ND (2)	ND (2)	ND (2)	4	ND (20)	4	100	NA	NA	Month #4 of Permit
9-Mar-04	EFFLUENT	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	2	ND (10)	NA	
31-Mar-04	INFLUENT	71	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	71	NA	NA	Month #5 of Permit
31-Mar-04	EFFLUENT	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	5	ND (10)	NA	
5-May-04	INFLUENT	64	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	64	NA	NA	Month #6 of Permit
5-May-04	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	

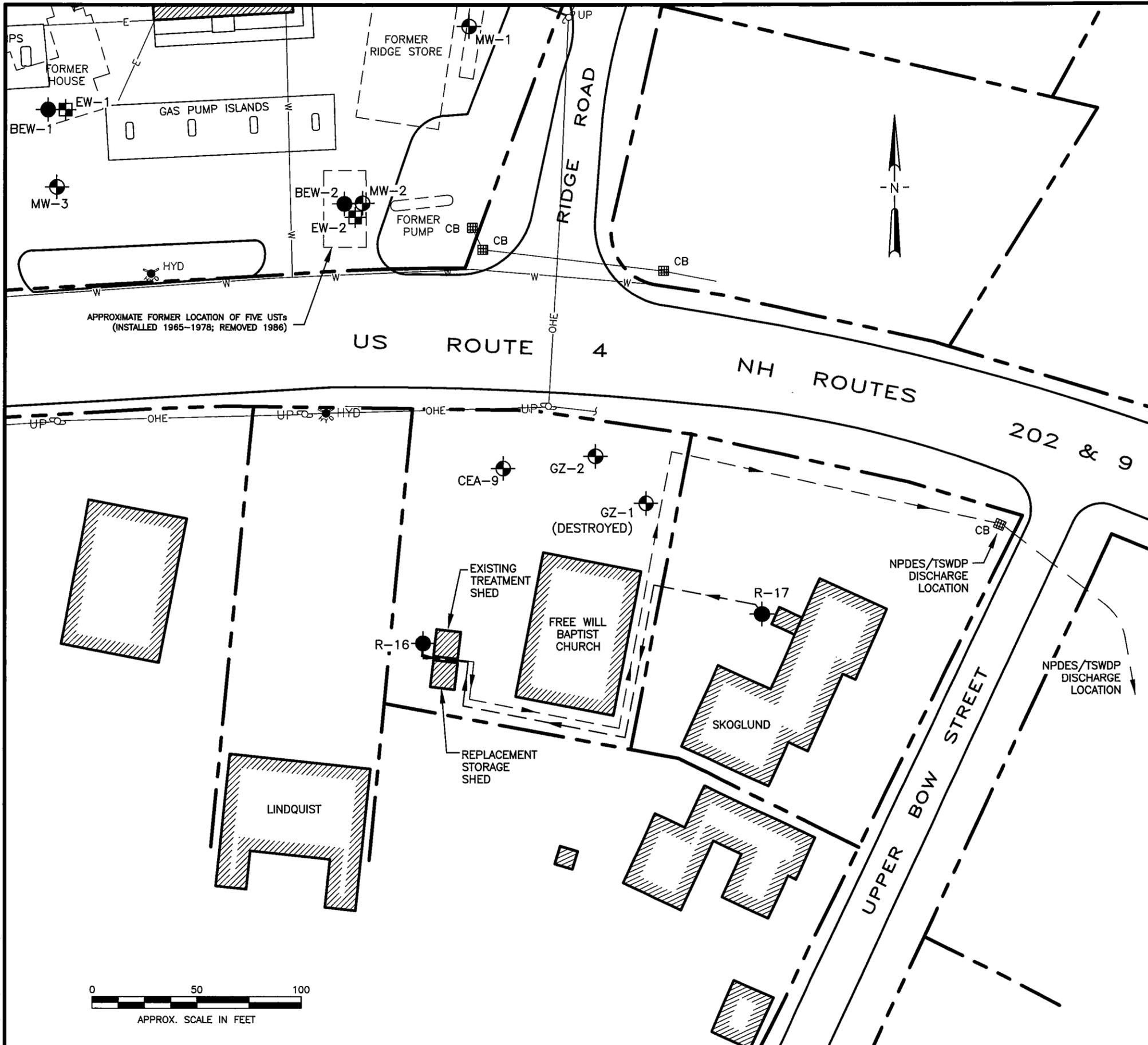
AQUEOUS PHASE SYSTEM SAMPLING SUMMARY
NO LIMITS CONVENIENCE, LLC
NEW HAMPSHIRE ROUTE 4
NORTHWOOD, NEW HAMPSHIRE
NHDES # 198903003

Date	Sample ID	USEPA Method 8260B (ug/L)											USEPA Method 8015B (ug/L)	USEPA Method 160.2 (mg/L)	Comments
		Methyl-t-butyl ether (MTBE)	Benzene	Toluene	Ethylbenzene	mp-Xylene	o-Xylene	Naphthalene	TAME	TBA	Total BTEX	Total BTEX & MTBE	TPH	TSS	
NPDES Exclusion Discharge Limit (ug/L)		70	5	—	—	—	—	—	—	—	100		5	—	
NHDES AGQS (ug/L)		13	5	1,000	700	10,000 combined		20	140	40	—		—	—	
19-May-04	INFLUENT	22	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	22	16	NA	Day #1 (Re-Start)
19-May-04	EFFLUENT	1J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	1J	ND (10)	NA	
20-May-04	INFLUENT	55	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	55	NA	NA	Day #2 (Re-Start)
20-May-04	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
24-Jun-04	INFLUENT	72	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	3	12J	ND (2)	72	74	NA	Day #1 (Re-Start)
24-Jun-04	EFFLUENT	19	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	19	ND (10)	NA	
25-Jun-04	INFLUENT	78	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	78	65	NA	Day #2 (Re-Start)
25-Jun-04	EFFLUENT	18	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	18	ND (10)	NA	
1-Jul-04	INFLUENT	55	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	55	65	NA	Day #1 (Re-Start)
1-Jul-04	EFFLUENT	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
2-Jul-04	INFLUENT	74	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	74	63	NA	Day #2 (Re-Start)
2-Jul-04	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
5-Aug-04	INFLUENT	59	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	59	NA	NA	Month #9 of Permit
5-Aug-04	EFFLUENT	3	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	3	ND (10)	NA	
1-Sep-04	INFLUENT	51	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	51	ND (10)	NA	Month #10 of Permit
1-Sep-04	EFFLUENT	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	2	ND (10)	NA	
13-Sep-04	INFLUENT	21	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	21	20	NA	Day #1 (Re-Start)
13-Sep-04	EFFLUENT	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	2	ND (10)	NA	
15-Sep-04	INFLUENT	30	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	30	24	NA	Day #2 (Re-Start)
15-Sep-04	EFFLUENT	1J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	1J	ND (10)	NA	
20-Oct-04	INFLUENT	29	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	29	30	NA	Month #11 of Permit
20-Oct-04	EFFLUENT	1J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	1J	ND (10)	NA	
23-Nov-04	INFLUENT	55	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	55	28	NA	Day #1 (Re-Start)
23-Nov-04	EFFLUENT	3	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	3	ND (10)	NA	Month #12
24-Nov-04	INFLUENT	49	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	49	49	NA	Day #2 (Re-Start)
24-Nov-04	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	Month #12

AQUEOUS PHASE SYSTEM SAMPLING SUMMARY
NO LIMITS CONVENIENCE, LLC
NEW HAMPSHIRE ROUTE 4
NORTHWOOD, NEW HAMPSHIRE
NHDES # 198903003

Date	Sample ID	USEPA Method 8260B (ug/L)											USEPA Method	USEPA Method	Comments
		Methyl-t-butyl ether (MTBE)	Benzene	Toluene	Ethylbenzene	mp-Xylene	o-Xylene	Naphthalene	TAME	TBA	Total BTEX	Total BTEX & MTBE	8015B (ug/L) TPH	160.2 (mg/L) TSS	
NPDES Exclusion Discharge Limit (ug/L)		70	5	—	—	—	—	—	—	—	100	—	5	—	
NHDES AGQS (ug/L)		13	5	1,000	700	10,000 combined		20	140	40	—	—	—	—	
7-Dec-04	INFLUENT	60	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	60	51	NA	Day #1 (Re-Start)
7-Dec-04	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	Month #13
8-Dec-04	INFLUENT	73	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	73	63	NA	Day #2 (Re-Start)
8-Dec-04	EFFLUENT	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	Month #13
7-Jan-05	INFLUENT	44	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	1J	ND (20)	ND (2)	44	42	NA	Month #14 of Permit
7-Jan-05	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
9-Feb-05	INFLUENT	35	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	1J	ND (20)	ND (2)	35	27	NA	Month #15 of Permit
9-Feb-05	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
9-Mar-05	INFLUENT	42	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	1J	ND (20)	ND (2)	42	26	NA	Month #16 of Permit
9-Mar-05	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
4-Apr-05	INFLUENT	41	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	1J	ND (20)	ND (2)	41	25	NA	Month #17 of Permit
4-Apr-05	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
19-May-05	INFLUENT	54	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	2	ND (20)	ND (2)	54	NS	NA	Month #18 of Permit
19-May-05	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
23-Jun-05	INFLUENT	33	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	33	30	NA	Month #19 of Permit
23-Jun-05	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
27-Jul-05	INFLUENT	35	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	1J	ND (20)	ND (2)	35	38	NA	Month #20 of Permit
27-Jul-05	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
24-Aug-05	INFLUENT	24	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	24	18	NA	Month #21 of Permit
24-Aug-05	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	
15-Sep-05	INFLUENT	34	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	1J	ND (20)	ND (2)	34	32	NA	Month #22 of Permit
15-Sep-05	EFFLUENT	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (20)	ND (2)	ND (2)	ND (10)	NA	

- Notes:**
1. NPDES - National Pollutant Discharge Elimination System.
 2. NHDES - New Hampshire Department of Environmental Services.
 3. AGQS - Ambient Groundwater Quality Standards.
 4. USEPA - United States Environmental Protection Agency.
 5. ug/L - Micrograms per liter (parts per billion).
 6. mg/L - Milligrams per liter (parts per million).
 7. BTEX - consists of benzene, toluene, ethylbenzene, and total xylenes.
 8. E - Exceeds calibration range; J - Estimated.
 9. TPH - Total petroleum hydrocarbons.
 10. TSS - Total Suspended Solids.
 11. NA - Parameter not analyzed.
 12. ND (x) - Constituent detected below laboratory practical quantitation limit noted in parentheses.
 13. NS - denotes not sampled.
 14. --- = standard not required.

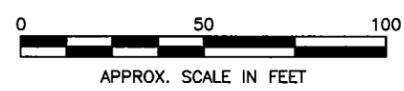


LEGEND

- MW-1 MONITORING WELL
- EW-1 OVERBURDEN EXTRACTION WELL
- BEW-1 BEDROCK EXTRACTION/MONITORING WELL
- CB CATCH BASIN
- HYD FIRE HYDRANT
- UP UTILITY POLE
- W WATER LINE
- D DRAIN LINE
- E-T UNDERGROUND ELECTRIC AND TELEPHONE LINES
- OHE OVERHEAD ELECTRIC LINE
- - - - - APPROXIMATE LOCATION OF PROPERTY BOUNDARY
- - - - - APPROXIMATE LOCATION OF SUBSURFACE TREATED GROUND WATER DISCHARGE LINE
- - - - - APPROXIMATE LOCATION OF SUBSURFACE INFLUENT LINES

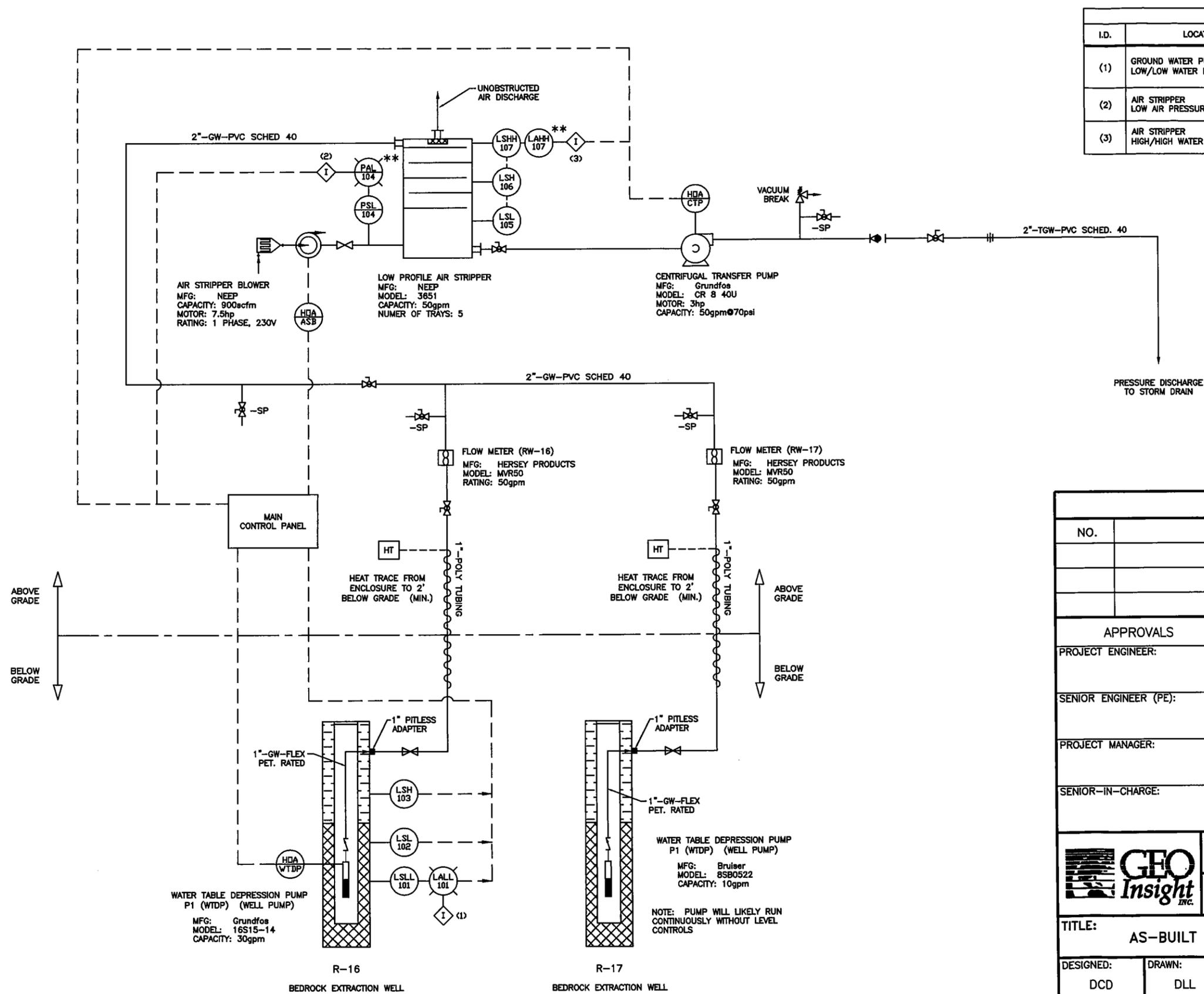
NOTES:

1. ORIGINAL BASE MAP OF SITE PROVIDED BY HANDEX OF NEW ENGLAND, INC.
2. BASE MAP OF NEIGHBORING PROPERTIES BASED UPON "EXPLORATION LOCATION PLAN" DATED APRIL 1995, PROVIDED BY GZA GEOENVIRONMENTAL, INC.
3. LOCATION OF LINES BASED ON HISTORICAL SITE PLAN PREPARED BY GZA DATED 1990.
4. ALL LOCATIONS ARE APPROXIMATE.



PLOT DATE: 10-7-05
FILE: F:\4066\4066d006.dwg

		CLIENT: NO LIMITS CONVENIENCE, LLC	
		PROJECT: NORTHWOOD, NEW HAMPSHIRE	
TITLE: REGIONAL SITE PLAN			
DESIGNED: AWK	DRAWN: DLL	CHECKED: JPS	APPROVED: BDK
SCALE: 1" = 50'	DATE: 1/23/04	FILE NO.: 4066d005	PROJECT NO.: 4066-000
			FIGURE NO.: B



INTERLOCK/FAILSAFE SCHEDULE		
I.D.	LOCATION	FUNCTION
(1)	GROUND WATER PUMP LOW/LOW WATER LEVEL ALARM	SHUTS OFF GROUND WATER PUMP IN RW-16. DOES NOT SHUT OFF RW-17. TRANSFER PUMP REMAINS ON. BLOWER REMAINS ON.
(2)	AIR STRIPPER LOW AIR PRESSURE ALARM	SHUTS OFF GROUND WATER PUMPS. SHUTS OFF TRANSFER PUMP. BLOWER SHUTS OFF (IF NECESSARY)
(3)	AIR STRIPPER HIGH/HIGH WATER LEVEL ALARM	SHUTS OFF GROUND WATER DEPRESSION PUMPS. TRANSFER PUMP REMAINS ON. BLOWER SHUTS OFF AFTER TIME DELAY.

** SIGNIFIES A CRITICAL DEVICE

REVISIONS		
NO.	DESCRIPTION	DATE

APPROVALS	DATE
PROJECT ENGINEER:	
SENIOR ENGINEER (PE):	
PROJECT MANAGER:	
SENIOR-IN-CHARGE:	

CLIENT: NO LIMITS CONVENIENCE, LLC
 PROJECT: NORTHWOOD, NEW HAMPSHIRE

TITLE: AS-BUILT PIPING AND INSTRUMENTATION DIAGRAM

DESIGNED: DCD	DRAWN: DLL	CHECKED: AWK	APPROVED: BDK	APPENDIX: A
SCALE: NOT TO SCALE	DATE: 1/22/04	FILE NO.: 4066d005	PROJECT NO.: 4066-000	

PLOT DATE: 10-7-05
 FILE: I:\4066\4066d005.dwg