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: Former Raytheon Facility Wayside Commons Development		Facility/site address: 2 Wayside Road, Burlington, MA 01803		
Location of facility/site: longitude: 42°29' 09" latitude: 71° 11' 27"	Facility SIC code(s): 5311 5399	Street: 2 Wayside Road		
b) Name of facility/site owner: PM Atlantic Burlington LLC		Town: Burlington		
Email address of owner: joe@atlanticmanagement.com		State: MA	Zip: 01803	County: USA
Telephone no. of facility/site owner: (508) 626-0025				
Fax no. of facility/site owner: (508) 626-0106		Owner is (check one): 1. Federal____ 2. State/Tribal____ 3. Private ✓ 4. other, if so, describe:		
Address of owner (if different from site):				
Street: 205 Newbury Street				
Town: Framingham	State: MA	Zip: 01701	County: USA	
c) Legal name of operator: North Country Environmental Services	Operator telephone no: (508) 634-9800			
	Operator fax no.: (508) 634-8259		Operator email: rcarmosino@nces-ne.com	
Operator contact name and title: Richard Carmosino, Environmental Engineer				

Address of operator (if different from owner):	Street: 31 Granite Street		
Town: Milford	State: MA	Zip: 01757	County: USA

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

e) Is site/facility subject to any State permitting or other action which is causing the generation of discharge? Yes✓ No___
If "yes," please list:
1. site identification # assigned by the state of NH or MA. RTN 3-12243
2. permit or license # assigned: DEP FILE # 122-348, File # 13432 MA Exec. Offic
3. state agency contact information: name, location, and telephone number:
DEP, 1 Winter Street, Boston, MA

f) Is the site/facility covered by any other EPA permit, including:
1. multi-sector storm water general permit? Y___ N✓, if Y, number:
2. phase I or II construction storm water general permit? Y___ N✓, if Y, number:
3. individual NPDES permit? Y___ N✓, if Y, number:
4. any other water quality related permit? Y___ N✓, if Y, number:

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.
Dewatering for excavation activities for building construction.

b) Provide the following information about each discharge:	1) Number of discharge points:	2) What is the **maximum and average flow rate** of discharge (in cubic feet per second, ft^3/s)? Max. flow .025 Average flow .02 Is maximum flow a **design value**? Y___ N✓ For average flow, include the units and appropriate notation if this value is a design value or estimate if not available. maximum flow and average flow units are in cubic feet per second
	2	

3) Latitude and longitude of each discharge within 100 feet: pt.1:long.____ lat.____; 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.

3) STORM DRAIN #1: 042° 29' 6.86" N
071° 11' 34.64" W

STORM DRAIN #2: 042° 29' 5.74" N
071° 11' 36.32" W

4) If hydrostatic testing, total volume of the discharge (gals):	5) Is the discharge intermittent ✓ or seasonal ____? Is discharge ongoing Yes ____ No ✓ ?
c) Expected dates of discharge (mm/dd/yy): start 12/05/05 end 01/31/06	
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. 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 30 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.

Gasoline Only	VOC Only	Primarily Metals ✔	Urban Fill Sites	Contaminated Sumps	Mixed Contaminants	Aquifer Testing
Fuel Oils (and Other Oils) only	VOC with Other Contaminants	Petroleum with Other Contaminants ✔	Listed Contaminated Sites ✔	Contaminated Dredge Condensates	Hydrostatic Testing of Pipelines/Tanks	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	4 mg/L	6,120		0	
2. Total Residual Chlorine	✔		1	grab	8167	1.62	ND		ND	
3. Total Petroleum Hydrocarbons	✔		1	grab	8100M	40 mg/L	1		3	
4. Cyanide	✔		1	grab	335.2	.020 mg	ND		ND	
5. Benzene	✔		1	grab	8260B	5 ug/L	ND		ND	
6. Toluene	✔		1	grab	8260B	5 ug/L	ND		ND	
7. Ethylbenzene	✔		1	grab	8260B	5 ug/L	ND		ND	
8. (m,p,o) Xylenes	✔		1	grab	8260B	5 ug/L	ND		ND	
9. Total BTEX[4]	✔		1	grab	8260B	5 ug/L	ND		ND	

[4]BTEX – Sum of Benzene, Toluene, Ethylbenzene, total Xylenes.

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 (1,2- Dibromo-methane)	✔		1	Grab	8260B	1.0ug/l	ND		ND	
11. Methyl-tert-Butyl Ether (MtBE)	✔		1	Grab	8260B	5 ug/L	ND		ND	
12. tert-Butyl Alcohol (TBA)										
13. tert-Amyl Methyl Ether (TAME)										
14. Naphthalene	✔		1	Grab	8260B	20 ug/L	ND		ND	
15. Carbon Tetra-chloride	✔		1	Grab	8260B	5 ug/L	ND		ND	
16. 1,4 Dichlorobenzene	✔		1	Grab	8270C	1.09	ND		ND	
17. 1,2 Dichlorobenzene	✔		1	Grab	8270C	1.09	ND		ND	
18. 1,3 Dichlorobenzene	✔		1	Grab	8270C	1.09	ND		ND	
19. 1,1 Dichloroethane	✔		1	Grab	8270C	5 ug/L	ND		ND	
20. 1,2 Dichloroethane	✔		1	Grab	8260B	5 ug/L	ND		ND	
21. 1,1 Dichloroethylene	✔		1	Grab	8260B	.960	ND		ND	
22. cis-1,2 Dichloro-ethylene	✔		1	Grab	8260B	5 ug/L	ND		ND	
23. Dichloromethane (Methylene Chloride)	✔		1	Grab	8260B	10ug/L	ND		ND	
24. Tetrachloroethylene	✔		1	Grab	8260B	5 ug/L	ND		ND	

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	✔		1	grab	8260B	5 ug/L	ND		ND	
26. 1,1,2 Trichloroethane	✔		1	grab	8260B	5 ug/L	ND		ND	
27. Trichloroethylene		✔	1	grab	8260B	5 g/L	86.1		86.1	
28. Vinyl Chloride		✔	1	grab	8260B	2 ug/L	49.0		49.0	
29. Acetone	✔		1	grab	8260B	50ug/L	ND		ND	
30. 1,4 Dioxane										
31. Total Phenols	✔		1	grab	8260B	.273	ND		ND	
32. Pentachlorophenol	✔		1	grab	8260B	1.09	ND		ND	
33. Total Phthalates [5] (Phthalate esthers)	✔		1	grab	8270C	2.19	ND		ND	
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	✔		1	grab	8270c	2.19	ND		ND	
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	✔		1	grab	8270c	5 ug/L	ND		ND	
a. Benzo(a) Anthracene	✔		1	grab	8270c	.546	ND		ND	
b. Benzo(a) Pyrene	✔		1	grab	8270c	.219	ND		ND	
c. Benzo(b)Fluoranthene	✔		1	grab	8270c	.546	ND		ND	
d. Benzo(k) Fluoranthene	✔		1	grab	8270c	1.09	ND		ND	
e. Chrysene	✔		1	grab	8270c	.546	ND		ND	

[5] The 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	✔		1	grab	8270C	.546	ND		ND	
g. Indeno(1,2,3-cd) Pyrene	✔		1	grab	8270C	.546	ND		ND	
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	✔		1	grab	8270C	ug/L	ND		ND	
h. Acenaphthene	✔		1	grab	8270C	.546	ND		ND	
i. Acenaphthylene	✔		1	grab	8270C	.273	ND		ND	
j. Anthracene	✔		1	grab	8270C	.546	ND		ND	
k. Benzo(ghi) Perylene	✔		1	grab	8270C	1.09	ND		ND	
l. Fluoranthene	✔		1	grab	8260B	.546	ND		ND	
m. Fluorene	✔		1	grab	8260B	.546	ND		ND	
n. Naphthalene-	✔		1	grab	8260B	.820	ND		ND	
o. Phenanthrene	✔		1	grab	8260B	.546	ND		ND	
p. Pyrene	✔		1	grab	8260B	[illegible]	ND		ND	
37. Total Polychlorinated Biphenyls (PCBs)	✔		1	grab	8082	.317	ND		ND	
38. Antimony	✔		1	grab	200.7	5 ug/L	ND		ND	
39. Arsenic	✔		1	grab	200.7	.0500	ND		ND	
40. Cadmium	✔		1	grab	200.7	.00500	ND		ND	
41. Chromium III	✔		1	grab	200.7	5 ug/L	ND		ND	
42. Chromium VI	✔		1	grab	M3500	5 ug/L	.0146		ND	

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		✔	1	grab	200.7	0.00800	0.024		ND	
44. Lead		✔	1	grab	200.7	0.0150	0.026		ND	
45. Mercury	✔		1	grab	245.1	0.0010	ND		ND	
46. Nickel	✔		1	grab	200.7	0.0100	ND		ND	
47. Selenium	✔		1	grab	200.7	0.0500	ND		ND	
48. Silver	✔		1	grab	200.7	0.00900	ND		ND	
49. Zinc	✔		1	grab	200.7	0.100	ND		ND	
50. Iron		✔	1	grab	200.7	0.0600	1.41		ND	
Other (describe):										

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

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____ N✔	If yes, which metals?
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:_____ DF: _____	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 "Yes," 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:

Influent groundwater shall be pumped through a 21,000 gallon fractational equalization tank to two 25 micron bag filters, and then through two 200 pound liquid-phase granular activated carbon (GAC) filters prior to discharge.

b) Identify each applicable treatment unit (check all that apply):	Frac. tank ✔	Air stripper	Oil/water separator	Equalization tanks ✔	Bag filter ✔	GAC filter ✔
	Chlorination	Dechlorination	Other (please describe): 25 micron bag filters if necessary.			

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 .03 Maximum flow rate of treatment system .045 Design flow rate of treatment system .03

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____	Within facility__	Storm drain ✔	River/brook ✔	Wetlands ✔	Other (describe): Horn Pond

b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters:

two storm drains located on Wayside Road: Storm Drain # 1 is 042 29 6.86 N and 071 11 34.64 W. Storm Drain # 2 is 042 29 5.74 N and 071 11 36.32 W. The treated groundwater will be discharged into the storm drains along Wayside Road, which connect to stormwater culverts which discharge to an open drainage swale in the southeastern portion of the site. The swale leads to the Littles Brook located approximately 500 feet east-southeast of the site. Littles Brook is classified as a Class B surface water body. Littles Brook is a tributary of Horn Pond, a Class B drinking water supply for the City of Woburn. Horn Pond is located approximately 1.75 miles southeast of the site.

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 less 1 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? Yes____ No ✔ If yes, for which pollutant(s)?

Is there a TMDL? Yes____ No ✔ 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 ✔

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.

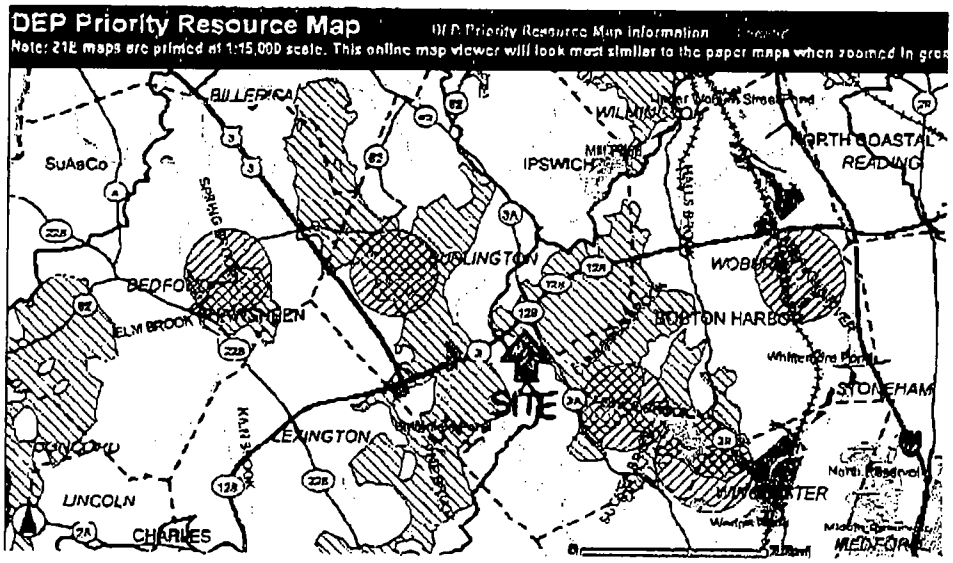
Nearest sanitary sewer line is located on Wayside Road approximately 50 feet southeast of the excavation. The sewer main is 21 inch.

Site is located within a Zone II. Site is located approx .75 mile northwest of an IWPA in Woburn and 1 mile southeast of an IWPA in Burlington.

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: 2 Wayside Road, Burlington, MA - Wayside Commons
Operator signature:
Title: Technical Services Manager
Date:



DEP MCP 21e Map Legend

- Zone IIs
- IWPAs
- Zone A
- Sole Source Aquifers
- Solid Waste Sites
- Protected Openspace
- ACECs
- NHESP Estimated Habitat of Rare Wildlife in Wetland Areas
- Certified Vernal Pools 2003 NHESP
- Subbasins
- Major Basins
- DEP Region
- Town Area
- County Boundaries

Aquifers, By Yield

- HIGH YIELD
- MEDIUM YIELD

Non Potential Drinking Water Source Area

- HIGH YIELD
- MEDIUM YIELD

FEMA Floodplains

- 100 YEAR FLOODPLAIN

Hydrography

- WATER
- RESERVOIR
- WETLANDS
- SALTWATER WETLANDS
- FLATS SHOALS

Rivers and Streams

- PERENNIAL
- INTERMITTENT
- SHORELINE
- MAN MADE SHORE
- DAM
- AQUEDUCT

EOT-OTP Roads

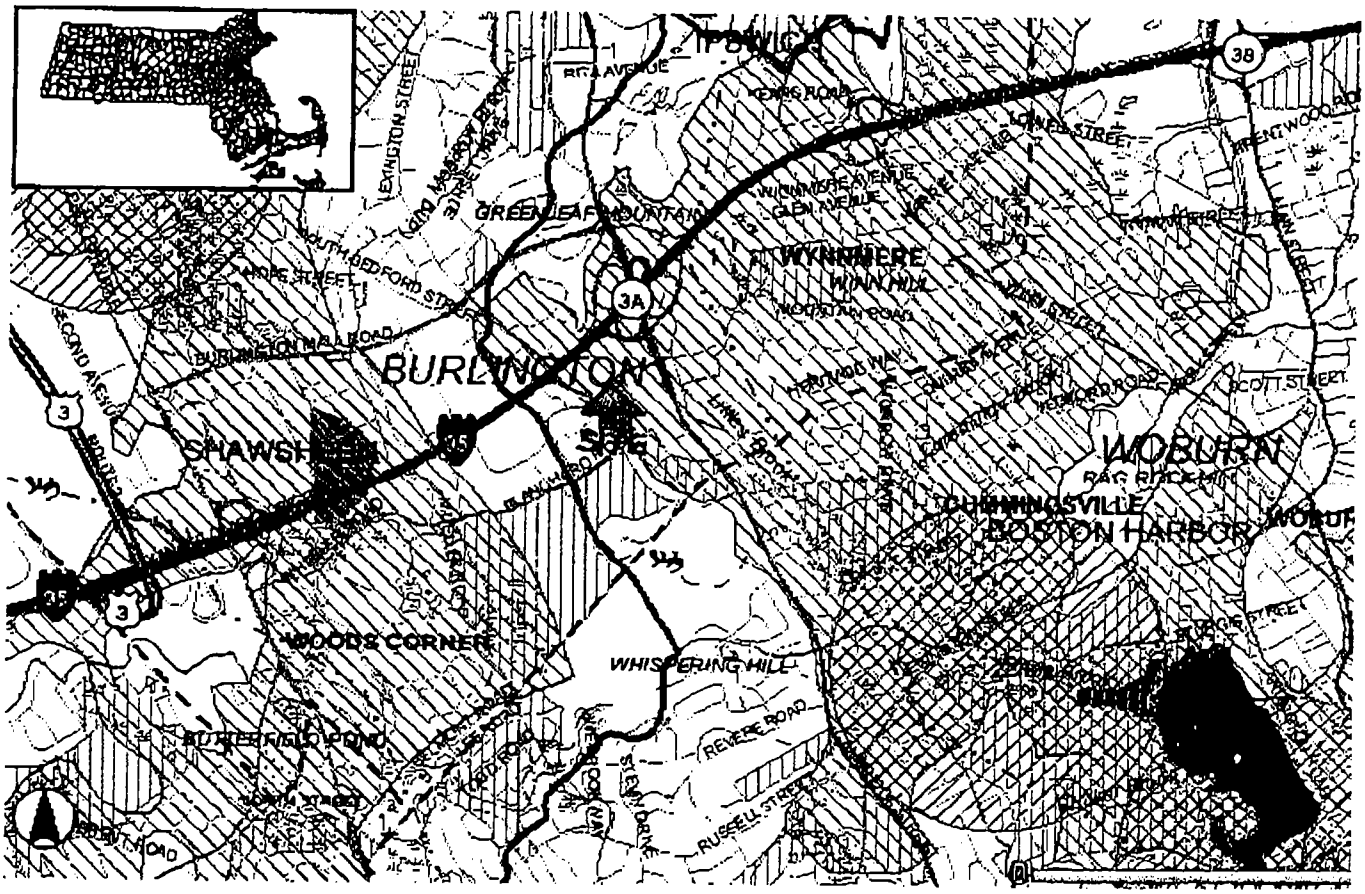
- LIMITED ACCESS HIGHWAY
- MULTILANE HWY, NOT LIMITED ACCESS
- OTHER NUMBERED HWY
- MAJOR ROAD - COLLECTOR
- MINOR STREET OR ROAD, RAMP

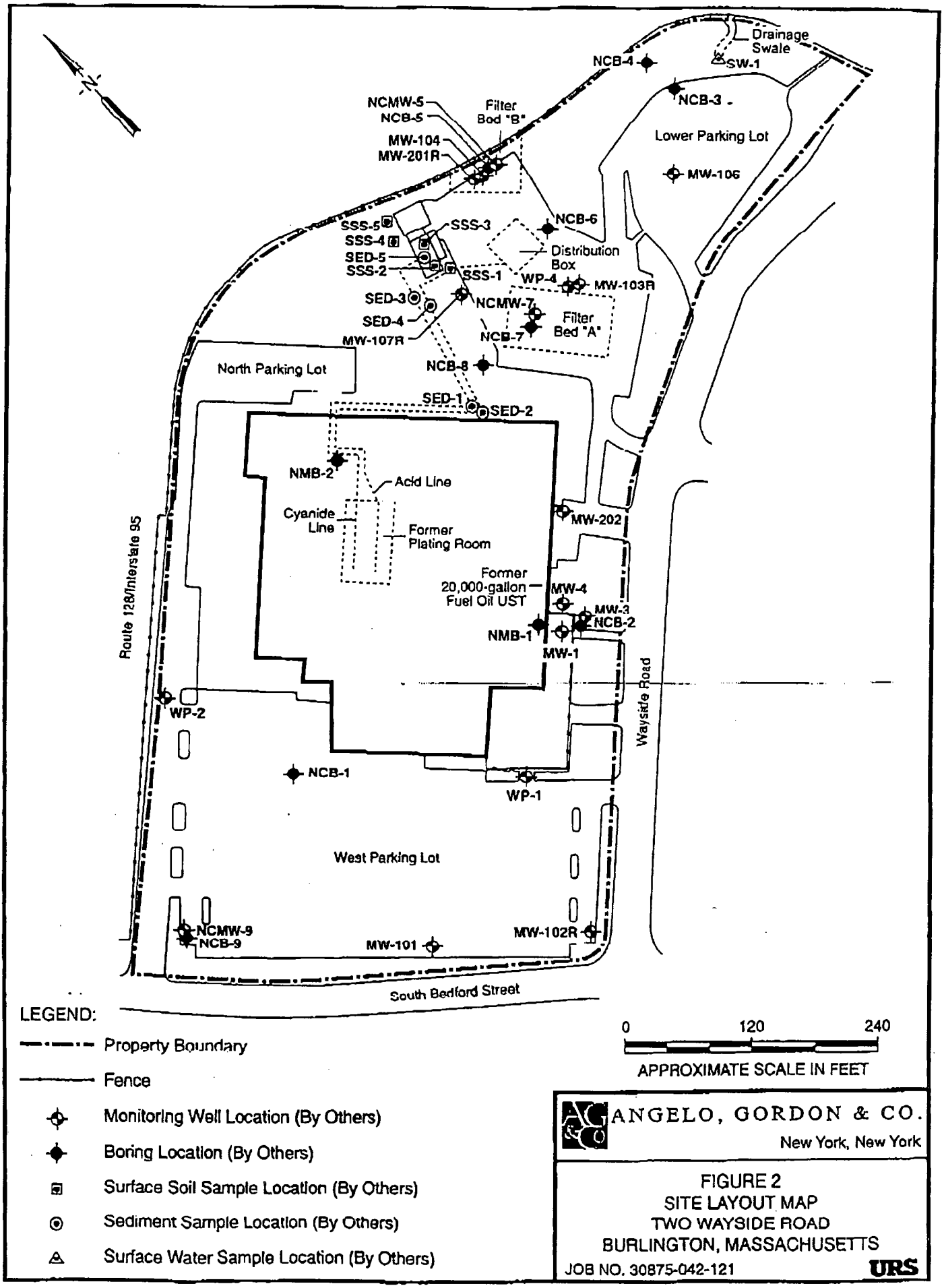
Tracks and Trails WHD

- TRACK
- TRAIL

Transmission Lines

- PIPELINE
- POWERLINE
- TRAIN


BURLINGTON
WYNNMERE
WINN HILL
WOBURN
CUMMINGSVILLE
BOSTON HARBOR
WOODS CORNER
WHISPERING HILL
GREENLEAF MOUNTAIN
SHAWSHEEN
3A
3
38
35



ANGELO GORDON - 30875-042-4000-121 - BURLINGTON, MASSACHUSETTS

Monday, September 12, 2005

Rob Berger
NCES
31 Granite Street, Suite 8
Milford, MA 01757

TEL: (508) 634-9800
FAX (508) 634-8259

RE: 4579, Atlantic Mgmt

Order No.: 0509061

Dear Rob Berger:

GeoLabs, Inc. received 1 sample(s) on 9/6/2005 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Jim Chen
Laboratory Director

GeoLabs, Inc.

Date: *12-Sep-05*

CLIENT:	NCES	**Client Sample ID:**	GW TP-40
Lab Order:	0509061	**Collection Date:**	9/1/2005 2:00:00 PM
Project:	4579, Atlantic Mgmt	**Date Received:**	9/6/2005
Lab ID:	0509061-001	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
IGNITABILITY		SW1010				Analyst: **AMS**
Ignitability	>93	20		°C	1	9/7/2005
TOTAL PETROLEUM HYDROCARBONS		8100M		(8100M)		Analyst: **KH**
Total Petroleum Hydrocarbons	ND	0.208		mg/L	1	9/7/2005
Surr: o-terphenyl	92.0	40-140		%REC	1	9/7/2005
ICP METALS		E200.7		(SW3010A)		Analyst: **QS**
Arsenic	ND	0.0500		mg/L	1	9/9/2005
Barium	0.108	0.0300		mg/L	1	9/9/2005
Cadmium	ND	0.00500		mg/L	1	9/9/2005
Chromium	ND	0.0600		mg/L	1	9/9/2005
Lead	ND	0.0100		mg/L	1	9/9/2005
Selenium	ND	0.0500		mg/L	1	9/9/2005
SILVER		200.7		(SW3010A)		Analyst: **QS**
Silver	ND	0.00700		mg/L	1	9/9/2005
TOTAL MERCURY		E245.1		(SW7470A/E245.1)		Analyst: **EN**
Mercury	ND	0.0010		mg/L	1	9/7/2005
VOLATILE ORGANIC COMPOUNDS BY GC/MS		SW8260B				Analyst: **MR**
1,1,1,2-Tetrachloroethane	ND	2.00		µg/L	1	9/8/2005 5:37:00 PM
1,1,1-Trichloroethane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,1,2,2-Tetrachloroethane	ND	0.610		µg/L	1	9/8/2005 5:37:00 PM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,1-Dichloroethane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,1-Dichloroethene	ND	0.960		µg/L	1	9/8/2005 5:37:00 PM
1,1-Dichloropropene	ND	0.400		µg/L	1	9/8/2005 5:37:00 PM
1,2,3-Trichlorobenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,2,3-Trichloropropane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,2,4-Trichlorobenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,2,4-Trimethylbenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,2-Dibromo-3-chloropropane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	9/8/2005 5:37:00 PM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,2-Dichloroethane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,2-Dichloropropane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,3,5-Trimethylbenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

GeoLabs, Inc.

Date: *12-Sep-05*

CLIENT:	NCES	**Client Sample ID:**	GW TP-40
Lab Order:	0509061	**Collection Date:**	9/1/2005 2:00:00 PM
Project:	4579, Atlantic Mgmt	**Date Received:**	9/6/2005
Lab ID:	0509061-001	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **MR**
1,3-Dichlorobenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,3-Dichloropropane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
2,2-Dichloropropane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
2-Butanone	ND	10.0		µg/L	1	9/8/2005 5:37:00 PM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
2-Chlorotoluene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
2-Hexanone	ND	10.0		µg/L	1	9/8/2005 5:37:00 PM
4-Chlorotoluene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
4-Methyl-2-pentanone	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Acetone	ND	50.0		µg/L	1	9/8/2005 5:37:00 PM
Acrylonitrile	ND	50.0		µg/L	1	9/8/2005 5:37:00 PM
Benzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Bromobenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Bromochloromethane	ND	2.00		µg/L	1	9/8/2005 5:37:00 PM
Bromodichloromethane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Bromoform	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Bromomethane	ND	2.00		µg/L	1	9/8/2005 5:37:00 PM
Carbon tetrachloride	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Chlorobenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Chloroethane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Chloroform	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Chloromethane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
cis-1,2-Dichloroethene	106	5.00	*	µg/L	1	9/8/2005 5:37:00 PM
cis-1,3-Dichloropropene	ND	0.650		µg/L	1	9/8/2005 5:37:00 PM
Dibromochloromethane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Dibromomethane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Dichlorodifluoromethane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Ethylbenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Hexachlorobutadiene	ND	0.500		µg/L	1	9/8/2005 5:37:00 PM
Isopropylbenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Methyl tert-butyl ether	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Methylene chloride	ND	10.0		µg/L	1	9/8/2005 5:37:00 PM
Naphthalene	ND	20.0		µg/L	1	9/8/2005 5:37:00 PM
n-Butylbenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
n-Propylbenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
p-Isopropyltoluene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
sec-Butylbenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Styrene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
tert-Butylbenzene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

GeoLabs, Inc.

Date: *12-Sep-05*

CLIENT:	NCES	**Client Sample ID:**	GW TP-40
Lab Order:	0509061	**Collection Date:**	9/1/2005 2:00:00 PM
Project:	4579, Atlantic Mgmt	**Date Received:**	9/6/2005
Lab ID:	0509061-001	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS		**SW8260B**				Analyst: **MR**
Tetrachloroethene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Toluene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
trans-1,2-Dichloroethene	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
trans-1,3-Dichloropropene	ND	0.950		µg/L	1	9/8/2005 5:37:00 PM
Trichloroethene	86.1	5.00	*	µg/L	1	9/8/2005 5:37:00 PM
Trichlorofluoromethane	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Vinyl chloride	49.0	2.00	*	µg/L	1	9/8/2005 5:37:00 PM
Xylenes, Total	ND	5.00		µg/L	1	9/8/2005 5:37:00 PM
Surr: 1,2-Dichloroethane-d4	93.0	70-130		%REC	1	9/8/2005 5:37:00 PM
Surr: 4-Bromofluorobenzene	106	70-130		%REC	1	9/8/2005 5:37:00 PM
Surr: Dibromofluoromethane	92.3	70-130		%REC	1	9/8/2005 5:37:00 PM
Surr: Toluene-d8	85.7	70-130		%REC	1	9/8/2005 5:37:00 PM
PH		**E150.1**				Analyst: **Admin**
pH	6.2	0	H	pH units	1	9/6/2005

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

CHAIN OF CUSTODY

GeoLabs CHAIN NUMBER: 0509061

BOX CHECKED ITEMS MUST BE FILLED IN — 24/48 HOUR RUSHES ONLY WITH APPROVAL OF DRAHLER OR LAB DIRECTOR

GeoLabs, Inc.
Environmental Laboratories
45 Johnson Lane
Braintree, MA 02184
Office: 781-848-7844
Fax: 781-848-7811

Turnaround Time
RUSH: 24-48hrs ☐ 72hrs ☐ STANDARD: 5 Days ☒
RUSH APPROVED BY:

Page ____ of ____

SPECIAL INSTRUCTIONS

Note: JOBS WITH INCOMPLETELY FILLED OUT CHAINS WILL NOT BE RUN. CHAIN WILL BE RETURNED TO CLIENT FOR COMPLETION

TYPE OF CLIENT: BUS ___ LAB ___ HOMEOWNER ___ | NOTE: HOMEOWNERS, LAW FIRMS MUST PAY WHEN DROPPING OFF SAMPLES

Client: X NCES
Address: X 31 GRANITE STREET P.O. BOXES
MILFORD, MA 01757
Phone: X 508-634-9800
Fax: 508-634-8259
Contact: X ROB BERGER
E-mail:

Project Number: X 4579
Project Location: X ATLANTIC MGMT
2 WAYSIDE RD
BURLINGTON, MA
Purchase Order #: 05-234
Collected By: X JOHN BAILEY

CHANGES REQUESTED? Y N
BY DATE

Received on ice? ☐

ANALYSES REQUESTED

SAMPLE ID	COLLECTION DATE	TIME	SAMPLED BY	SAMPLE LOCATION	CONTAINER TYPE	QUANT	MATRIX	COMP	GRAB	PRES	GEOLABS SAMPLE NUMBER	TPH	VOCs via 8260	RCRA 8 metals	pH	FLASH POINT				TEMPERATURE	LAB pH
GW TP-40	9/1/05	2:00	JHB	GW TP-40	A/V	5	GW		X	1/7	9061-001	X	X	X	X	X				8°	

Verbal results given to by (date/initial)

MATRIX CODES:
GW = Ground Water
WW = Wastewater
DW = Drinking Water
SL = Sludge
S = Soil A = Air
O = Oil OT = Other

CONTAINER CODES:
A = Amber B = Bag
G = Glass P = Plastic
S = Summa Canister
O = Other V = VOA

PRESERVATIVE CODES:
1 = HCl 5 = NaOH
2 = HNO_3 6 = MeOH
3 = H_2SO_4 7 = ICE
4 = $Na_2S_2O_3$

Terms: Payment due within 30 days unless other arrangements are made.
Past due balances subject to interest and collection costs.

Relinquished By: Date/Time 9/2/05
PRINT: JOHN BAILEY
Relinquished By: 9/6/05 8:45
Relinquished By:

Received By: Date/Time: 9/6/05 7:20
Received By:
Received By GeoLabs: 9/6/05

Wednesday, November 16, 2005

GeoLabs, Inc.
45 Johnson Lane
Braintree MA 02184
Tele: 781 848 7844
Fax: 781 848 7811

Rob Berger
NCES
31 Granite Street, Suite 8
Milford, MA 01757

TEL: (508) 634-9800
FAX: (508) 634-8259

Project: 4579, Wayside Commons, 2 Wayside Rd
Location: Burlington, MA

Order No.: 0511153

Dear Rob Berger:

GeoLabs, Inc. received 1 sample(s) on 11/9/2005 for the analyses presented in the following report. The report was **re-issued** December 1, 2005 with TBA, TAME, 1,4 Dioxane.

There were no problems with the analyses and all data for associated QC met EPA or laboratory
specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Jim Chen
Laboratory Director

GeoLabs. Inc. Date: *01-Dec-05*

CLIENT:	NCES
Project:	4579, Wayside Commons, 2 Wayside Rd
Lab Order:	0511153

CASE NARRATIVE

MADEP MCP Response Action Analytical Report Certification Form

Laboratory Name: GeoLabs, Inc. Project # 4579
Project Location: Wayside Commons MADEP RTN #:

This form provides certification for the following data set: 0511153-001

Sample Matrix: Ground Water

MCP SW-846 Methods Used: 8100M, 8082, 8260B

An affirmative answer to questions A, B and C are required for "Presumptive Certainty" status

A. Were all samples received by the laboratory in a condition consistent with that described on the Chain of custody documentation for the data set? YES

B. Were all QA/QC procedures required for the specified method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate standards or guidelines? YES

C. Does the analytical data included in this report meet all the requirements for "Presumptive Certainty" as described in Section 2.0 of the MADEP documents CAM VII A "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"? YES

A response to questions D and E are required for "Presumptive Certainty" status

D. Were all QC performance standards and recommendations for the specified methods achieved?
YES
E. Were results for all analyte-list compounds/elements for the specified method(s) reported?
YES

All NO answers need to be addressed in an attached Environmental Laboratory case narrative.

CASE NARRATIVE

Physical Condition of Samples

The project was received by the laboratory in satisfactory condition. The sample(s) were received undamaged, in appropriate containers with the correct preservation.

CLIENT:	NCES	
Project:	4579, Wayside Commons, 2 Wayside Rd	**CASE NARRATIVE**
Lab Order:	0511153	

Project Documentation

The project was accompanied by satisfactory Chain of Custody documentation.

Analysis of Sample(s)

No analytical anomalies or non-conformances were noted by the laboratory during the processing of these samples.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to he best of my knowledge and belief, accurate and complete.

Signature: Position: Lab Director

Printed Name: Jim Chen Date: November 16, 2005

Analytical Comments for METHOD TRC, SAMPLE 0511153-001A: dilution of 10x done on sample because sample has high turbidity

GeoLabs, Inc.

Date: *01-Dec-05*

CLIENT: NCES
Project: 4579, Wayside Commons, 2 Wayside Rd
Lab Order: 0511153

Lab ID: 0511153-001
Client Sample ID: GW (11/8/05)
Collection Date: 11/8/2005 9:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
TOTAL SUSPENDED SOLIDS		E160.2				Analyst: AMS
Total Suspended Solids	6130	4.00		mg/L	1	11/10/2005
TOTAL PETROLEUM HYDROCARBONS		8100M		(8100M)		Analyst: KH
Total Petroleum Hydrocarbons	ND	0.225		mg/L	1	11/11/2005
Surr: o-terphenyl	79.0	40-140		%REC	1	11/11/2005
POLYCHLORINATED BIPHENYLS		SW8082		(SW3510B)		Analyst: GP
Aroclor 1221	ND	0.317		µg/L	1	11/15/2005
Aroclor 1232	ND	0.317		µg/L	1	11/15/2005
Aroclor 1248	ND	0.317		µg/L	1	11/15/2005
Aroclor 1254	ND	0.317		µg/L	1	11/15/2005
Aroclor 1260	ND	0.317		µg/L	1	11/15/2005
Aroclor 1262	ND	0.317		µg/L	1	11/15/2005
Aroclor 1268	ND	0.317		µg/L	1	11/15/2005
Surr: Decachlorobiphenyl Sig 1	56.0	30-150		%REC	1	11/15/2005
Surr: Decachlorobiphenyl Sig 2	58.0	30-150		%REC	1	11/15/2005
Surr: Tetrachloro-m-xylene Sig 1	58.0	30-150		%REC	1	11/15/2005
Surr: Tetrachloro-m-xylene Sig 2	64.0	30-150		%REC	1	11/15/2005
ICP METALS		E200.7		(SW3010A)		Analyst: QS
Antimony	ND	0.0300		mg/L	1	11/11/2005
Arsenic	ND	0.0500		mg/L	1	11/11/2005
Cadmium	ND	0.00500		mg/L	1	11/11/2005
Chromium	ND	0.0600		mg/L	1	11/11/2005
Copper	0.0248	0.00800		mg/L	1	11/11/2005
Iron	1.41	0.0600		mg/L	1	11/11/2005
Lead	0.0266	0.0150		mg/L	1	11/11/2005
Nickel	ND	0.0100		mg/L	1	11/11/2005
Selenium	ND	0.0500		mg/L	1	11/11/2005
Zinc	ND	0.100		mg/L	1	11/11/2005
SILVER		200.7		(SW3010A)		Analyst: QS
Silver	ND	0.00700		mg/L	1	11/11/2005
TOTAL MERCURY		E245.1		(SW7470A/E245.1)		Analyst: EN
Mercury	ND	0.0010		mg/L	1	11/10/2005

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

GeoLabs, Inc.

Date: *01-Dec-05*

CLIENT: NCES
Project: 4579, Wayside Commons, 2 Wayside Rd

Lab Order: 0511153

SEMIVOLATILE ORGANICS		SW8270C		(SW3510)	Analyst: ZYZ
1,2,4-Trichlorobenzene	ND	0.820	µg/L	1	11/11/2005 6:20:00 PM
1,2-Dichlorobenzene	ND	1.09	µg/L	1	11/11/2005 6:20:00 PM
1,2-Dinitrobenzene	ND	5.46	µg/L	1	11/11/2005 6:20:00 PM
1,3-Dichlorobenzene	ND	1.09	µg/L	1	11/11/2005 6:20:00 PM
1,3-Dinitrobenzene	ND	0.820	µg/L	1	11/11/2005 6:20:00 PM
1,4-Dichlorobenzene	ND	1.09	µg/L	1	11/11/2005 6:20:00 PM
1,4-Dinitrobenzene	ND	5.46	µg/L	1	11/11/2005 6:20:00 PM
2,3,4,6-Tetrachlorophenol	ND	1.09	µg/L	1	11/11/2005 6:20:00 PM
2,4,5-Trichlorophenol	ND	0.820	µg/L	1	11/11/2005 6:20:00 PM
2,4,6-Trichlorophenol	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
2,4-Dichlorophenol	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
2,4-Dimethylphenol	ND	4.10	µg/L	1	11/11/2005 6:20:00 PM
2,4-Dinitrophenol	ND	0.273	µg/L	1	11/11/2005 6:20:00 PM
2,4-Dinitrotoluene	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
2,6-Dinitrotoluene	ND	0.273	µg/L	1	11/11/2005 6:20:00 PM
2-Chloronaphthalene	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
2-Chlorophenol	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
2-Methylnaphthalene	ND	0.820	µg/L	1	11/11/2005 6:20:00 PM
2-Methylphenol	ND	1.09	µg/L	1	11/11/2005 6:20:00 PM
2-Nitroaniline	ND	0.820	µg/L	1	11/11/2005 6:20:00 PM
2-Nitrophenol	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
3,3'-Dichlorobenzidine	ND	2.73	µg/L	1	11/11/2005 6:20:00 PM
3-Methylphenol/4-methylphenol	ND	1.64	µg/L	1	11/11/2005 6:20:00 PM
3-Nitroaniline	ND	1.64	µg/L	1	11/11/2005 6:20:00 PM
4,6-Dinitro-2-methylphenol	ND	1.09	µg/L	1	11/11/2005 6:20:00 PM
4-Bromophenyl phenyl ether	ND	0.820	µg/L	1	11/11/2005 6:20:00 PM
4-Chloro-3-methylphenol	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
4-Chloroaniline	ND	2.73	µg/L	1	11/11/2005 6:20:00 PM
4-Chlorophenyl phenyl ether	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
4-Nitroaniline	ND	1.09	µg/L	1	11/11/2005 6:20:00 PM
4-Nitrophenol	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
Acenaphthene	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
Acenaphthylene	ND	0.273	µg/L	1	11/11/2005 6:20:00 PM
Acetophenone	ND	0.820	µg/L	1	11/11/2005 6:20:00 PM
Aniline	ND	2.46	µg/L	1	11/11/2005 6:20:00 PM
Anthracene	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
Azobenzene	ND	5.46	µg/L	1	11/11/2005 6:20:00 PM
Benz(a)anthracene	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
Benzo(a)pyrene	ND	0.219	µg/L	1	11/11/2005 6:20:00 PM
Benzo(b)fluoranthene	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM
Benzo(g,h,i)perylene	ND	1.09	µg/L	1	11/11/2005 6:20:00 PM
Benzo(k)fluoranthene	ND	1.09	µg/L	1	11/11/2005 6:20:00 PM
Benzyl alcohol	ND	1.09	µg/L	1	11/11/2005 6:20:00 PM
Bis(2-chloroethoxy)methane	ND	0.546	µg/L	1	11/11/2005 6:20:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

GeoLabs, Inc.

Date: *01-Dec-05*

CLIENT: NCES **Lab Order:** 0511153
Project: 4579, Wayside Commons, 2 Wayside Rd

SEMIVOLATILE ORGANICS		SW8270C		(SW3510)		Analyst: ZYZ
Bis(2-chloroethyl)ether	ND	0.546		µg/L	1	11/11/2005 6:20:00 PM
Bis(2-chloroisopropyl)ether	ND	0.820		µg/L	1	11/11/2005 6:20:00 PM
Bis(2-ethylhexyl)phthalate	ND	2.19		µg/L	1	11/11/2005 6:20:00 PM
Butyl benzyl phthalate	ND	1.37		µg/L	1	11/11/2005 6:20:00 PM
Carbazole	ND	0.820		µg/L	1	11/11/2005 6:20:00 PM
Chrysene	ND	0.546		µg/L	1	11/11/2005 6:20:00 PM
Dibenz(a,h)anthracene	ND	0.546		µg/L	1	11/11/2005 6:20:00 PM
Dibenzofuran	ND	0.546		µg/L	1	11/11/2005 6:20:00 PM
Diethyl phthalate	ND	1.37		µg/L	1	11/11/2005 6:20:00 PM
Dimethyl phthalate	ND	1.91		µg/L	1	11/11/2005 6:20:00 PM
Di-n-butyl phthalate	ND	0.820		µg/L	1	11/11/2005 6:20:00 PM
Di-n-octyl phthalate	ND	2.19		µg/L	1	11/11/2005 6:20:00 PM
Fluoranthene	ND	0.546		µg/L	1	11/11/2005 6:20:00 PM
Fluorene	ND	0.546		µg/L	1	11/11/2005 6:20:00 PM
Hexachlorobenzene	ND	1.09		µg/L	1	11/11/2005 6:20:00 PM
Hexachlorobutadiene	ND	0.546		µg/L	1	11/11/2005 6:20:00 PM
Hexachlorocyclopentadiene	ND	10.9		µg/L	1	11/11/2005 6:20:00 PM
Hexachloroethane	ND	2.19		µg/L	1	11/11/2005 6:20:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.546		µg/L	1	11/11/2005 6:20:00 PM
Isophorone	ND	0.546		µg/L	1	11/11/2005 6:20:00 PM
Naphthalene	ND	0.820		µg/L	1	11/11/2005 6:20:00 PM
Nitrobenzene	ND	0.820		µg/L	1	11/11/2005 6:20:00 PM
N-Nitrosodimethylamine	ND	1.09		µg/L	1	11/11/2005 6:20:00 PM
N-Nitrosodi-n-propylamine	ND	1.09		µg/L	1	11/11/2005 6:20:00 PM
N-Nitrosodiphenylamine	ND	5.46		µg/L	1	11/11/2005 6:20:00 PM
Pentachlorophenol	ND	1.09		µg/L	1	11/11/2005 6:20:00 PM
Phenanthrene	ND	0.546		µg/L	1	11/11/2005 6:20:00 PM
Phenol	ND	0.273		µg/L	1	11/11/2005 6:20:00 PM
Pyrene	ND	1.37		µg/L	1	11/11/2005 6:20:00 PM
Pyridine	ND	1.37		µg/L	1	11/11/2005 6:20:00 PM
Surr: 2,4,6-Tribromophenol	71.6	15-150		%REC	1	11/11/2005 6:20:00 PM
Surr: 2-Fluorobiphenyl	107	30-130		%REC	1	11/11/2005 6:20:00 PM
Surr: 2-Fluorophenol	39.2	15-110		%REC	1	11/11/2005 6:20:00 PM
Surr: Nitrobenzene-d5	61.9	30-130		%REC	1	11/11/2005 6:20:00 PM
Surr: Phenol-d6	34.1	15-110		%REC	1	11/11/2005 6:20:00 PM
Surr: Terphenyl-d14	150	30-130	S	%REC	1	11/11/2005 6:20:00 PM

VOLATILE ORGANIC COMPOUNDS BY GC/MS		SW8260B			Analyst: MR
1,1,1,2-Tetrachloroethane	ND	2.00	µg/L	1	11/12/2005
1,1,1-Trichloroethane	ND	5.00	µg/L	1	11/12/2005
1,1,2,2-Tetrachloroethane	ND	0.610	µg/L	1	11/12/2005
1,1,2-Trichloroethane	ND	5.00	µg/L	1	11/12/2005
1,1-Dichloroethane	ND	5.00	µg/L	1	11/12/2005
1,1-Dichloroethene	ND	0.960	µg/L	1	11/12/2005

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

GeoLabs, Inc. Date: *01-Dec-05*

CLIENT: NCES **Lab Order:** 0511153
Project: 4579, Wayside Commons, 2 Wayside Rd

VOLATILE ORGANIC COMPOUNDS BY GC/MS **SW8260B** Analyst: MR

1,1-Dichloropropene	ND	0.400	µg/L	1	11/12/2005
1,2,3-Trichlorobenzene	ND	5.00	µg/L	1	11/12/2005
1,2,3-Trichloropropane	ND	5.00	µg/L	1	11/12/2005
1,2,4-Trichlorobenzene	ND	5.00	µg/L	1	11/12/2005
1,2,4-Trimethylbenzene	ND	5.00	µg/L	1	11/12/2005
1,2-Dibromo-3-chloropropane	ND	5.00	µg/L	1	11/12/2005
1,2-Dibromoethane	ND	1.00	µg/L	1	11/12/2005
1,2-Dichlorobenzene	ND	5.00	µg/L	1	11/12/2005
1,2-Dichloroethane	ND	5.00	µg/L	1	11/12/2005
1,2-Dichloropropane	ND	5.00	µg/L	1	11/12/2005
1,3,5-Trimethylbenzene	ND	5.00	µg/L	1	11/12/2005
1,3-Dichlorobenzene	ND	5.00	µg/L	1	11/12/2005
1,3-Dichloropropane	ND	5.00	µg/L	1	11/12/2005
1,4-Dichlorobenzene	ND	5.00	µg/L	1	11/12/2005
2,2-Dichloropropane	ND	5.00	µg/L	1	11/12/2005
2-Butanone	ND	10.0	µg/L	1	11/12/2005
2-Chloroethyl vinyl ether	ND	5.00	µg/L	1	11/12/2005
2-Chlorotoluene	ND	5.00	µg/L	1	11/12/2005
2-Hexanone	ND	10.0	µg/L	1	11/12/2005
4-Chlorotoluene	ND	5.00	µg/L	1	11/12/2005
4-Methyl-2-pentanone	ND	5.00	µg/L	1	11/12/2005
Acetone	ND	50.0	µg/L	1	11/12/2005
Acrylonitrile	ND	50.0	µg/L	1	11/12/2005
Benzene	ND	5.00	µg/L	1	11/12/2005
Bromobenzene	ND	5.00	µg/L	1	11/12/2005
Bromochloromethane	ND	2.00	µg/L	1	11/12/2005
Bromodichloromethane	ND	5.00	µg/L	1	11/12/2005
Bromoform	ND	5.00	µg/L	1	11/12/2005
Bromomethane	ND	2.00	µg/L	1	11/12/2005
Carbon tetrachloride	ND	5.00	µg/L	1	11/12/2005
Chlorobenzene	ND	5.00	µg/L	1	11/12/2005
Chloroethane	ND	5.00	µg/L	1	11/12/2005
Chloroform	ND	5.00	µg/L	1	11/12/2005
Chloromethane	ND	5.00	µg/L	1	11/12/2005
cis-1,2-Dichloroethene	ND	5.00	µg/L	1	11/12/2005
cis-1,3-Dichloropropene	ND	0.650	µg/L	1	11/12/2005
Dibromochloromethane	ND	5.00	µg/L	1	11/12/2005
Dibromomethane	ND	5.00	µg/L	1	11/12/2005
Dichlorodifluoromethane	ND	5.00	µg/L	1	11/12/2005
Ethylbenzene	ND	5.00	µg/L	1	11/12/2005
Hexachlorobutadiene	ND	0.500	µg/L	1	11/12/2005
Isopropylbenzene	ND	5.00	µg/L	1	11/12/2005
Methyl tert-butyl ether	ND	5.00	µg/L	1	11/12/2005
Methylene chloride	ND	10.0	µg/L	1	11/12/2005

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- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

GeoLabs, Inc.

Date: *01-Dec-05*

CLIENT: NCES
Project: 4579, Wayside Commons, 2 Wayside Rd

Lab Order: 0511153

VOLATILE ORGANIC COMPOUNDS BY GC/MS — SW8260B — Analyst: MR

Naphthalene	ND	20.0	µg/L	1	11/12/2005
n-Butylbenzene	ND	5.00	µg/L	1	11/12/2005
n-Propylbenzene	ND	5.00	µg/L	1	11/12/2005
p-Isopropyltoluene	ND	5.00	µg/L	1	11/12/2005
sec-Butylbenzene	ND	5.00	µg/L	1	11/12/2005
Styrene	ND	5.00	µg/L	1	11/12/2005
tert-Butylbenzene	ND	5.00	µg/L	1	11/12/2005
Tetrachloroethene	ND	5.00	µg/L	1	11/12/2005
Toluene	ND	5.00	µg/L	1	11/12/2005
trans-1,2-Dichloroethene	ND	5.00	µg/L	1	11/12/2005
trans-1,3-Dichloropropene	ND	0.850	µg/L	1	11/12/2005
Trichloroethene	ND	5.00	µg/L	1	11/12/2005
Trichlorofluoromethane	ND	5.00	µg/L	1	11/12/2005
Vinyl chloride	ND	2.00	µg/L	1	11/12/2005
Xylenes, Total	ND	5.00	µg/L	1	11/12/2005
Surr: 1,2-Dichloroethane-d4	101	70-130	%REC	1	11/12/2005
Surr: 4-Bromofluorobenzene	84.7	70-130	%REC	1	11/12/2005
Surr: Dibromofluoromethane	99.9	70-130	%REC	1	11/12/2005
Surr: Toluene-d8	94.6	70-130	%REC	1	11/12/2005
TIC: 1,4 Dioxane	ND	5.00	µg/L	1	11/12/2005
TIC: t-Butyl alcohol	ND	5.00	µg/L	1	11/12/2005
TIC: tert amyl methyl ether	ND	5.00	µg/L	1	11/12/2005

NOTES:
R - Reissue of a previously generated report. Information has been added, updated, or revised. Information herein supersedes that of previously issued reports.

CYANIDE, TOTAL — E335.2 — Analyst: RP

Cyanide, Total	ND	0.020	mg/L	1	11/11/2005

HEXAVALENT CHROMIUM — M3500-Cr D — Analyst: RP

Chromium, Hexavalent	0.0144	0.00750	mg/L	1	11/9/2005

TOTAL RESIDUAL CHLORINE — Hach 8167 — Analyst: RP

Total Residual Chlorine	ND	1.62	mg/L	10	11/9/2005

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

CHAIN OF CUSTODY

GeoLabs CHAIN NUMBER: 0511153

CHECKED ITEMS MUST BE FILLED IN — 24/48 HOUR RUSHES ONLY WITH APPROVAL OF D. KAHLER OR LAB DIRECTOR

GeoLabs, Inc.
Environmental Laboratories
45 Johnson Lane
Braintree, MA 02184
Office: 781-848-7844
Fax: 781-848-7811

Turnaround Time
RUSH: 24-48hrs ☐ STANDARD: 72hrs ☐ 5Days ✓
RUSH APPROVED BY: X

Page 1 of 1

SPECIAL INSTRUCTIONS
Metals - See attached Sb, As, Co, Cu Pb, Hg, Ni, Se, Ag, Zn, Fe, Cr

Note: JOBS WITH INCOMPLETELY FILLED OUT CHAINS WILL NOT BE RUN. CHAIN WILL BE RETURNED TO CLIENT FOR COMPLETION

TYPE OF CLIENT: BUS ✓ LAB ____ HOMEOWNER ____ | NOTE: HOMEOWNERS, LAW FIRMS MUST PAY WHEN DROPPING OFF SAMPLES

Client: X North Country Enviro
Address: X 31 Granite St NO P.O. BOXES
Ste #B, Milford, MA 01757
Phone: X 508 634-9800
Fax: 508 634-8259
Contact: X Rob Berger
E-mail: RBerger@NEES-NE.com

Project Number: X 4579
Project Location: X Wayside Commons
Two Wayside Road, Burlington, MA
Purchase Order #: 05-295
Collected By: X Rob Berger

CHANGES REQUESTED? Y N
BY DATE
Received on Ice? ☐

ANALYSES REQUESTED

SAMPLE ID	COLLECTION DATE	COLLECTION TIME	SAMPLED BY	SAMPLE LOCATION	CONTAINER TYPE	CONTAINER QUANT	MATRIX	COMP	GRAB	PRES	GEOLABS SAMPLE NUMBER	TRC	TSS/Cr VI	Cn	Metals See ATTACHED	PAHs Full ADN Group 1+2	TPH 8100M	PCBs	VOCs See attached	TEMPERATURE	LAB pH
GW 8/11/05	8/11/05	905 A	RB	Excavation -	P	1	GW		X	7	11153-001	✓									
				Exposed bedrock	P	2	GW		X	7			✓								
				outcrop	P	1	GW		X	7				✓							
				Eastern end	P	1	GW		X	2/7					✓						
				of site	A	2	GW		X	4/7						✓					
					A	2	GW		X	3/7							✓				
					A	2	GW		X	4/7								✓			
					V	2	GW		X	1/7									✓		

Verbal results given to by (date/initial)

MATRIX CODES:
GW = Ground Water
WW = Wastewater
DW = Drinking Water
SL = Sludge
S = Soil A = Air
O = Oil OT = Other

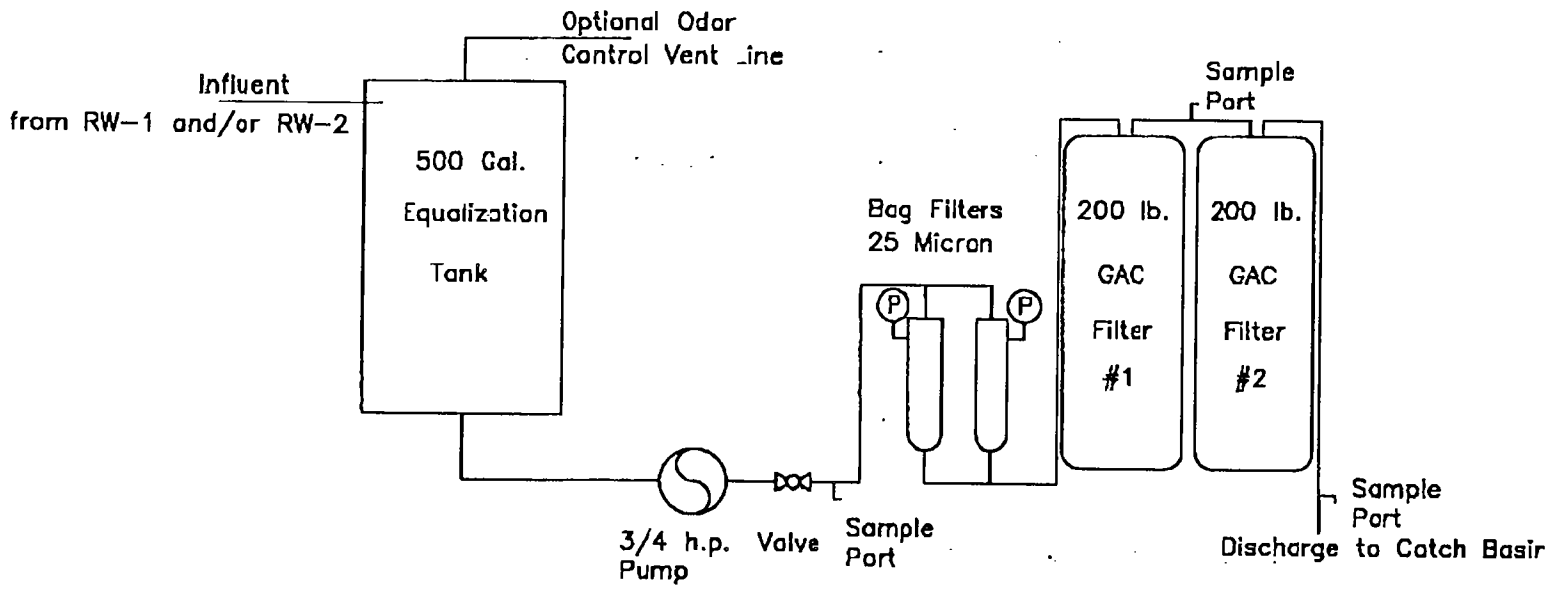
CONTAINER CODES:
A = Amber B = Bag
G = Glass P = Plastic
S = Summa Canister
O = Other V = VOA

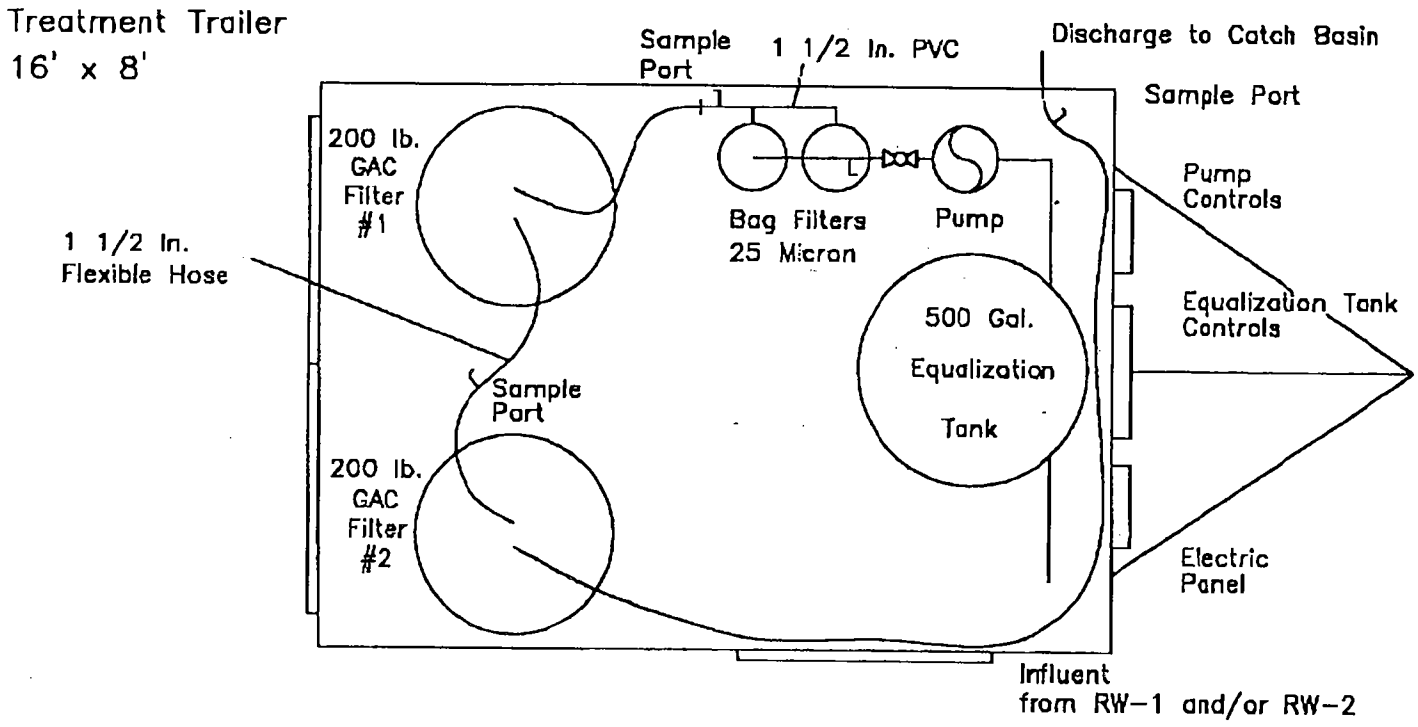
PRESERVATIVE CODES:
1 = HCl 5 = NaOH
2 = HNO_3 6 = MeOH
3 = H_2SO_4 7 = ICE
4 = $Na_2S_2O_3$

Terms: Payment due within 30 days unless other arrangements are made. Past due balances subject to interest and collection costs.

Relinquished By: Robert S. Berger *Date/Time*
PRINT: Robert S. Berger
Relinquished By: M. C. 11/9/05 10:00
Relinquished By:

Received By: M. C. 11/9/05 *Date/Time:* 7:20
Received By:
Received By GeoLabs: Danielle Rega 11/9/05 10:00a





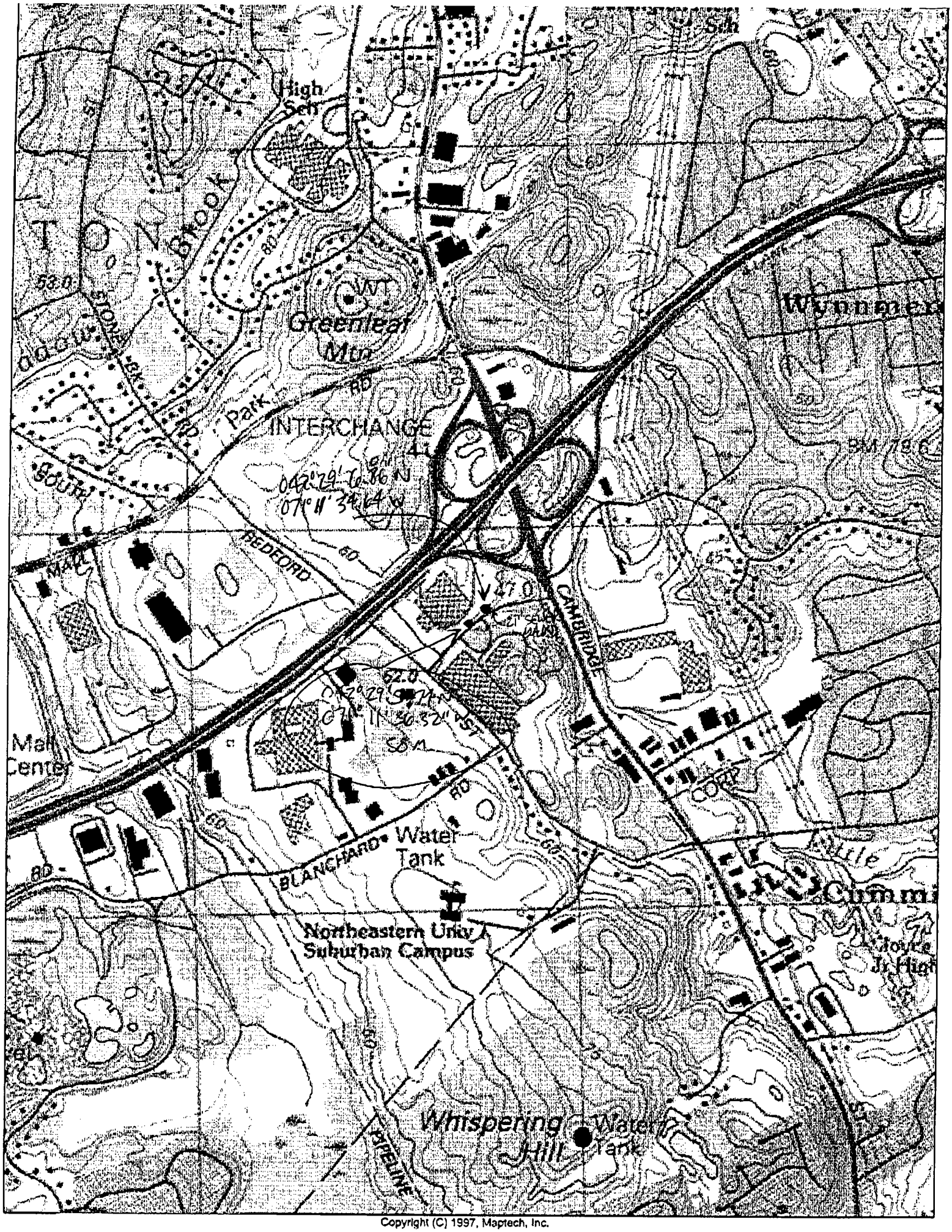
No.	Revision/Issue	Date

North Country Environmental
Services, Inc.
31 Granite Street
Suite B
Milford, MA 01757
Phone: (508) 634-9800
Fax: (508) 634-8258

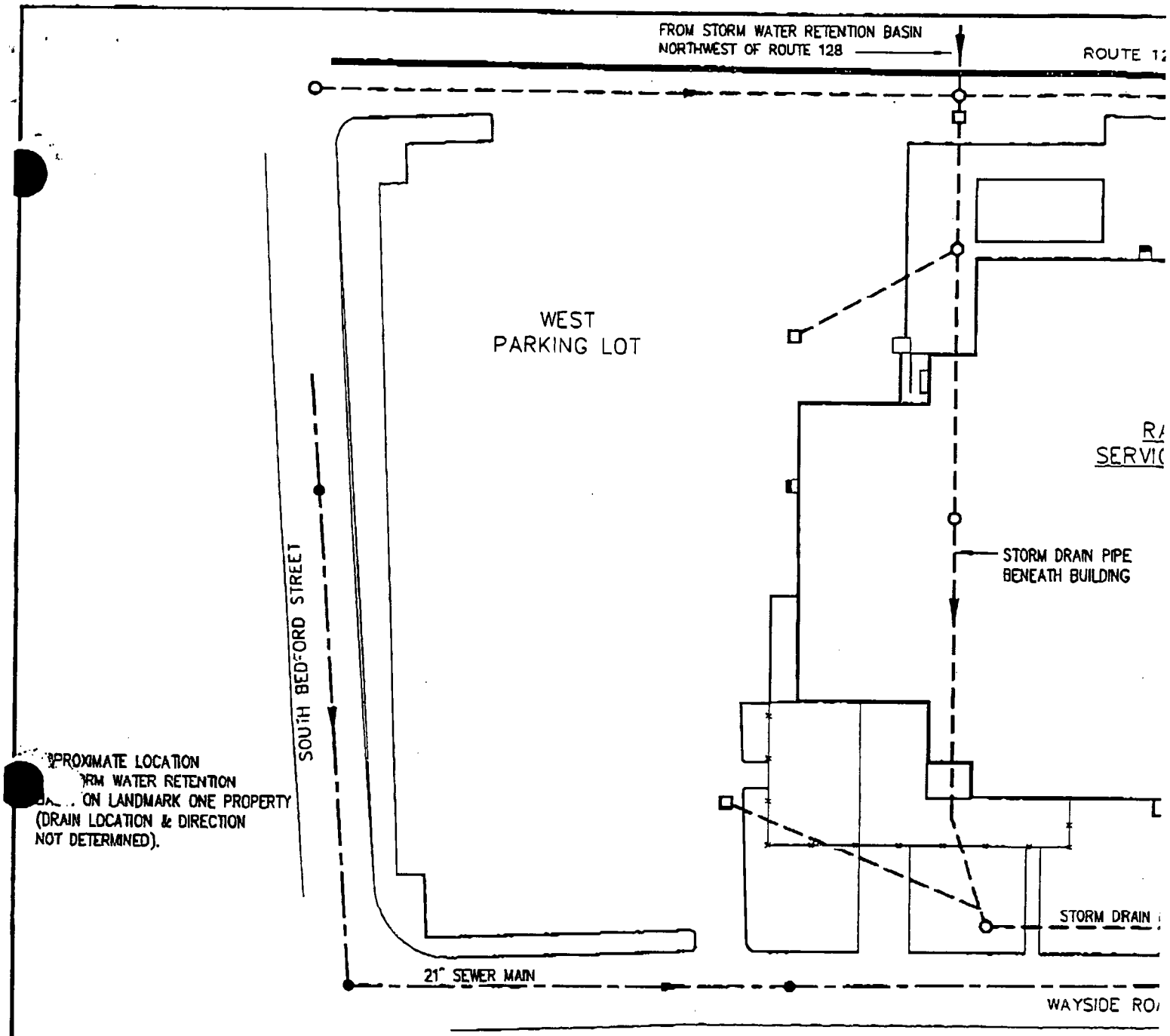
Treatment Trailer Detail

Milford DPW
1 Front Street
Milford, MA 01757

Project	C3046
Date	6/7/04
Scale	No Scale



Copyright (C) 1997, Maptech, Inc.



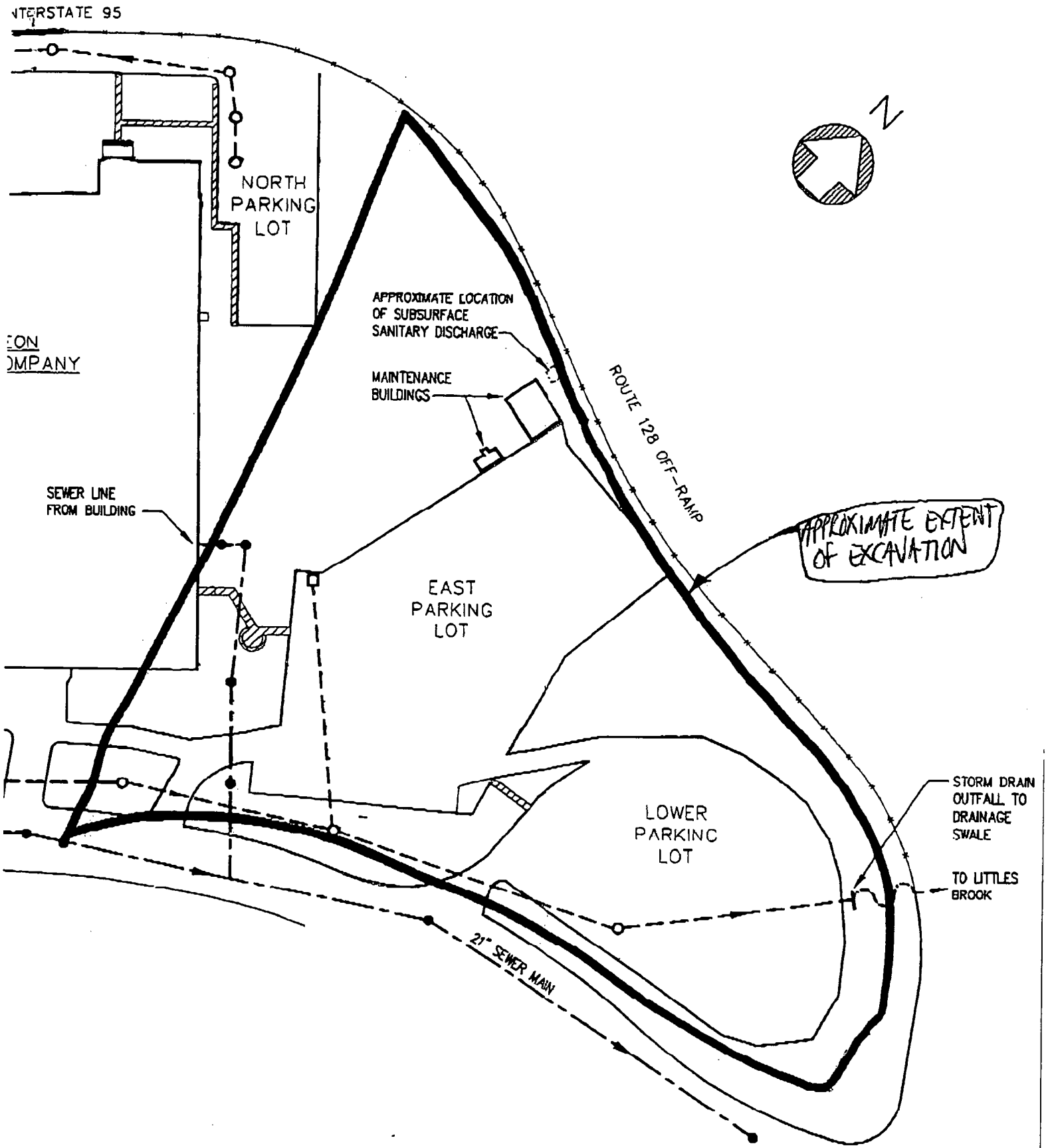
LEGEND:

- DRAIN MAN HOLE
- DRAIN CATCH BASIN
- SEWER MAN HOLE
- UNDERGROUND STORM DRAIN (INDICATING FLOW DIRECTION)
- UNDERGROUND SEWER LINE (INDICATING FLOW DIRECTION)
- DRAINAGE SWALE
- APPROXIMATE LOCATION OF UNDERGROUND STRUCTURE

NOTES:

1. UNDERGROUND UTILITY LOCATIONS OBTAINED FROM BASE MAP AND ARE APPROXIMATE.
2. BASE MAP WAS GENERATED FROM RAYTHEON SITE MAP ENTITLED "SITE PLAN IN BURLINGTON MASS., LOCATION: 2 WAYSIDE ROAD, BURLINGTON" DATED 9-15-80 AND REVISED SEVERAL TIMES, BY JOHN W. FLEMING JR.
3. LOCATION OF UNDERGROUND WATER AND ELECTRIC UTILITIES WERE NOT INDICATED ON THE BASE MAP.

100' 50'



PHIC SCALE

100' 200'

H = 100 FEET

SUBSURFACE UTILITY
LOCATION MAP
PHASE I SITE INVESTIGATION REPORT
RAYTHEON SERVICE REPORT
BURLINGTON, MASSACHUSETTS

Raytheon

FIGURE 3