

The Tyree Company

9 Otis Street, Westborough, MA • (508) 871-8300 • FAX: (508) 871-8301

June 2, 2006

US Environmental Protection Agency
RGP-NOC Processing
Municipal Assistance Unit
1 Congress Street, Suite 1100
Boston, MA 02114-2023

MAG 910274
RECEIVED
OCT 09 2006

RE: Notice of Intent
Getty Station #30548
391 Main Street
Williamstown, MA
RTN-1-0012670

To Whom It May Concern:

The Tyree Company (Tyree), on behalf of Getty Petroleum Marketing, Inc. (Getty), is submitting the attached Notice of Intent for the above subject location. The facility is a service station and the discharge is needed in order to dewater an excavation below the water table for the removal of underground storage tanks. A Site Location Map and a Site Plan has been included as Figure 1 and Figure 2, respectively.

Please find the following attachments as supporting information.

Attachment A – Treatment System design schematic

Attachment B – Copies of Laboratory Reports, groundwater sample collected from site MW-16 on 5/16/06.

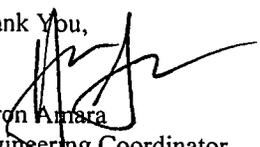
Attachment C – Email from Mr. Kevin Whalen, indicating the discharge flow path.

Attachment D – Email from Mr. George Papadopoulos, EPA, indicating the 7Q10 value for the Hoosic River

Please note that the Operator, Mr. Stephen Hebenstreit, is a Tyree employee and a licensed Grade 2M Wastewater Treatment Operator (MADEP #604).

If you have any questions, please feel free to reach me at the information below.

Thank You,


Aaron Amara
Engineering Coordinator
aamara@tyreeorg.com
(508) 871-8300 x 202
(508) 328-0619

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: Getty Station #30548		Facility/site address:		
Location of facility/site: longitude: _____ latitude: _____ 73° 11' 21" W 42° 41' 17" N	Facility SIC code(s):	Street: 391 Main St		
b) Name of facility/site owner:		Town: Williamstown		
Email address of owner:		State: MA	Zip: 01267	County: Berkshire
Telephone no. of facility/site owner: (516) 542-4900				
Fax no. of facility/site owner:		Owner is (check one): 1. Federal ___ 2. State/Tribal ___		
Address of owner (if different from site):		3. Private <input checked="" type="checkbox"/> 4. other, if so, describe:		
Street: 1500 Hempstead Turnpike				
Town: East Meadow		State: NY	Zip: 11554	County:
c) Legal name of operator: Tyree Organization Ltd		Operator telephone no: (508) 871-8300		
		Operator fax no.: (508) 581-8301	Operator email: aamara@tyreeorg.com	
Operator contact name and title: Steve Hebenstreit, Senior Technician				

Address of operator (if different from owner):		Street: 9 Otis Street	
Town: Westborough	State: MA	Zip: 01581	County:
d) Check "yes" or "no" for the following: 1. Has a prior NPDES permit exclusion been granted for the discharge? Yes ___ No <input checked="" type="checkbox"/> , if "yes," number: 2. Has a prior NPDES application (Form 1 & 2C) ever been filed for the discharge? Yes ___ 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 ___ No ___ 4. For sites in Massachusetts, is the discharge covered under the MA Contingency Plan (MCP) and exempt from state permitting? Yes ___ No <input checked="" type="checkbox"/>			
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 ___ If "yes," please list: 1. site identification # assigned by the state of NH or MA: 2. permit or license # assigned: RTN 1-0012670 3. state agency contact information: name, location, and telephone number:		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: Excavation & Dewatering activities for the purpose of removing underground storage tanks at a gasoline service station.		
b) Provide the following information about each discharge:	1) Number of discharge points: 1	2) What is the maximum and average flow rate of discharge (in cubic feet per second, ft ³ /s)? Max. flow <u>.11</u> Average flow <u>.04</u> Is maximum flow a design value ? Y ___ N <input checked="" type="checkbox"/> For average flow, include the units and appropriate notation if this value is a design value or estimate if not available.
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.		

4) If hydrostatic testing, total volume of the discharge (gals): n/a	5) Is the discharge intermittent <input checked="" type="checkbox"/> or seasonal <input type="checkbox"/> ? Is discharge ongoing Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ?
c) Expected dates of discharge (mm/dd/yy): start <u>08/07/06</u> end <u>08/11/06</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).	

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.

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 (g)	160.2	4.58 pp	.004	1.08e-6	.004	1.08e-6
2. Total Residual Chlorine	✓									
3. Total Petroleum Hydrocarbons		✓					.005	1.35e-6	.005	1.35e-6
4. Cyanide		✓					.0040	1.09e-6	.00405	1.09e-6
5. Benzene		✓					6.76	.0018	6.76	.0018
6. Toluene	✓									
7. Ethylbenzene	✓									
8. (m,p,o) Xylenes	✓									
9. Total BTEX ⁴		✓					6.76	.0019	6.76	.0018

⁴BTEX = 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)	✓									
11. Methyl-tert-Butyl Ether (MtBE)		✓	g		82603	75ppb	182	.049	182	.049
12. tert-Butyl Alcohol (TBA)	✓									
13. tert-Amyl Methyl Ether (TAME)	✓									
14. Naphthalene	✓									
15. Carbon Tetra-chloride	✓									
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 Dichloro-ethylene	✓									
23. Dichloromethane (Methylene Chloride)	✓									
24. Tetrachloroethylene	✓									

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 ⁵ (Phthalate esthers)	✓									
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	✓									

⁵The 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		✓	1	g	8270c	1.14 pp	.51	1.37e-9	.51	1.37e-9
m. Fluorene	✓									
n. Naphthalene-	✓									
o. Phenanthrene	✓									
p. Pyrene	✓									
37. Total Polychlorinated Biphenyls (PCBs)	✓									
38. Antimony	✓									
39. Arsenic	✓									
40. Cadmium		✓	1	g	200.7	.00030	1000028	3.5e-9	1000028	3.5e-9
41. Chromium III		✓	1	g	200.7	.0016	1000028	7.06e-7	1000028	7.06e-7
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		✓	1	g	200.7	.0029	.0003	8.3e-8	.0003	8.3e-8
44. Lead		✓	1	g	200.7	.0017	.0002	6.5e-8	.0002	6.5e-8
45. Mercury		✓	1	g	200.7	.00004	10000026	7e-10	10000026	7e-10
46. Nickel		✓	1	g	200.7	.0017	10000899	2.4e-8	10000899	2.4e-8
47. Selenium	✓									
48. Silver		✓	1	g	200.7	.0010	1000091	2.45e-2	1000091	2.45e-2
49. Zinc		✓	1	g	200.7	.0044	.0025	6.8e-7	.0025	6.8e-7
50. Iron		✓	1	g	200.7	.018	.111	2.99e-5	.111	2.99e-5
Other (describe):										

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

<p><i>Step 1:</i> 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 <u>✓</u></p>	<p>If yes, which metals?</p>
<p><i>Step 2:</i> 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: _____</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 ___ N ___ If "Yes," list which metals:</p>

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

<p>a) A description of the treatment system, including a schematic of the proposed or existing treatment system: Groundwater will be pumped from the excavation to a 10,000 gallon frac tank. A transfer pump will remove groundwater from the frac tank, pass it through a bag filter, and (3) 2,000-pb. carbon units placed in series. Schematic attached. The system is designed to treat 75 gpm, the maximum we would be operating at is 50 gpm (when the frac tank is full).</p>						
b) Identify each applicable treatment unit (check all that apply):	Frac. tank <input checked="" type="checkbox"/>	Air stripper <input type="checkbox"/>	Oil/water separator <input type="checkbox"/>	Equalization tanks <input type="checkbox"/>	Bag filter <input checked="" type="checkbox"/>	GAC filter <input checked="" type="checkbox"/>
	Chlorination <input type="checkbox"/>	Dechlorination <input type="checkbox"/>	Other (please describe): <input type="checkbox"/>			
<p>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>20</u> Maximum flow rate of treatment system <u>50</u> Design flow rate of treatment system <u>75</u></p>						
<p>d) A description of chemical additives being used or planned to be used (attach MSDS sheets): none</p>						

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 type="checkbox"/>	Wetlands <input type="checkbox"/>	Other (describe): <input type="checkbox"/>
<p>b) Provide a narrative description of the discharge pathway, including the name(s) of the receiving waters: Discharge will be directed to the catchbasin approximately 350 feet east of the station. The system then discharges into a swamp area about 500 feet away through an 18" RCP. This swamp is drained by the Hoosic River. Correspondences attached</p>						

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 37 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? 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.

Question #6 - b: The historic property found in proximity to the station is the East Lawn Cemetery and Sherman Burbank Memorial Chapel located at 605 Main Street. It is located approximately a half mile west of the station and between a half mile and a mile of the discharge point.

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:

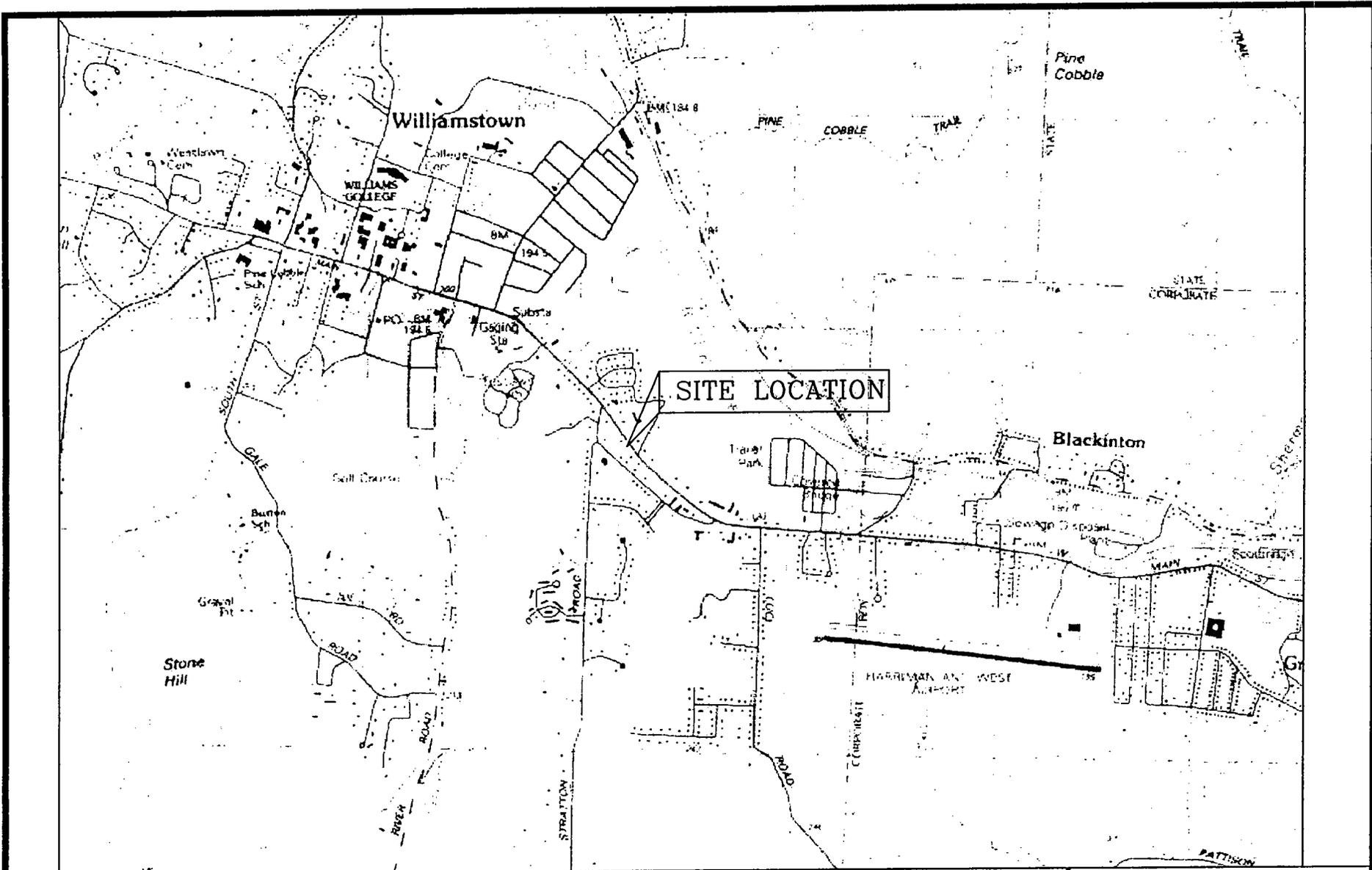
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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: Getty #30548 - 391 Main Street Williamstown, MA

Operator signature: 

Title: Senior Technician

Date: 06/02/06

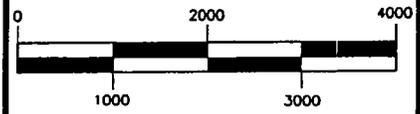


TYREE ORGANIZATION, LTD., N.E.
 9 OTIS STREET
 WESTBOROUGH, MA 01581
 TEL. (508) 871-8300 FAX. (508) 871-8301

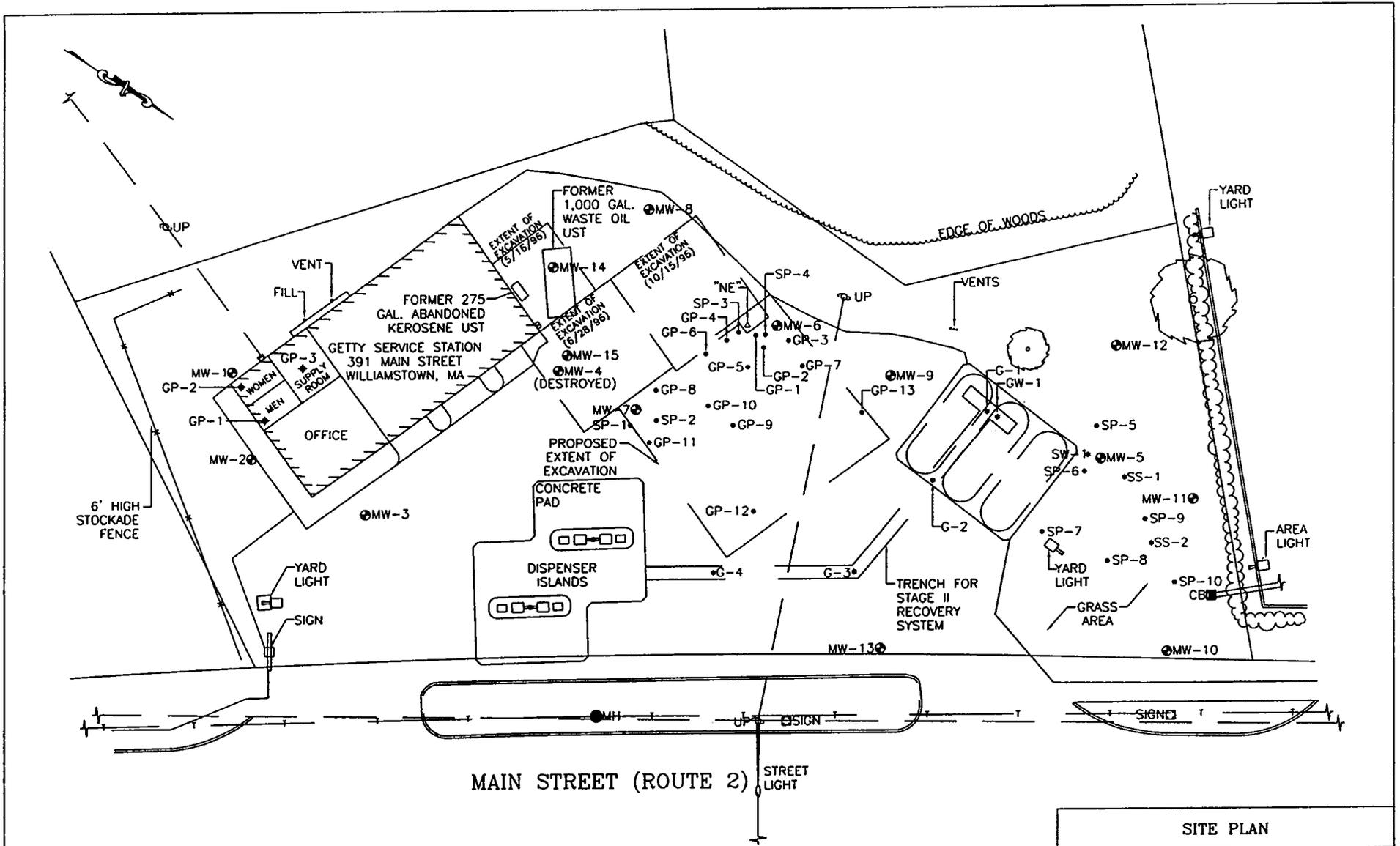
GETTY SERVICE STATION
 346 SEA STREET
 QUINCY, MA
 FIGURE:1 SITE LOCATION MAP



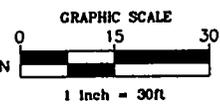
QUADRANGLE LOCATION



SCALE IN FEET
 ADAPTED FROM THE U.S.G.S. 7.5 MINUTE SERIES
 STOCKBRIDGE, MASS QUADRANGLE



LEGEND		SITE PLAN	
● MW-1 : MONITORING WELL	● SP-1 : SOIL PROBE LOCATION (10/27/98)	● SS-1 : GRAB SURFACE SOIL SAMPLE	TYREE ORGANIZATION, LTD., N.E. 9 OTIS STREET WESTBOROUGH, MA 01581 TEL: (508) 871-8300 FAX: (508) 871-8303
● MH : MANHOLE	● GP-1 : GEOPROBE LOCATION (5/5/99)	◆ GP-1 : MICROWELL LOCATION	
○ UP : UTILITY POLE	● GW-1 : GRAB GROUNDWATER SAMPLE	▲ "NE" : LABORATORY SOIL SAMPLE LOCATION FROM 10/15/96 EXCAVATION	PROJECT: GETTY SERVICE STATION
■ CB : CATCH BASIN	● G-1 : GRAB SOIL SAMPLE	— : OVERHEAD LINE	ADDRESS: 391 MAIN STREET
— : APPROXIMATE PROPERTY LINE	● SW-1 : GRAB SURFACE WATER SAMPLE	—+— : TELEPHONE LINE	WILLIAMSTOWN, MA



 Tyree Environmental Technologies
 SCALE: 1"=30'
 DATE: 6/30/99
 DRAWN: S. YATES
 RTNs: 1-11367
 1-10659
 FIGURE: 3

ATTACHMENT A

Brain:

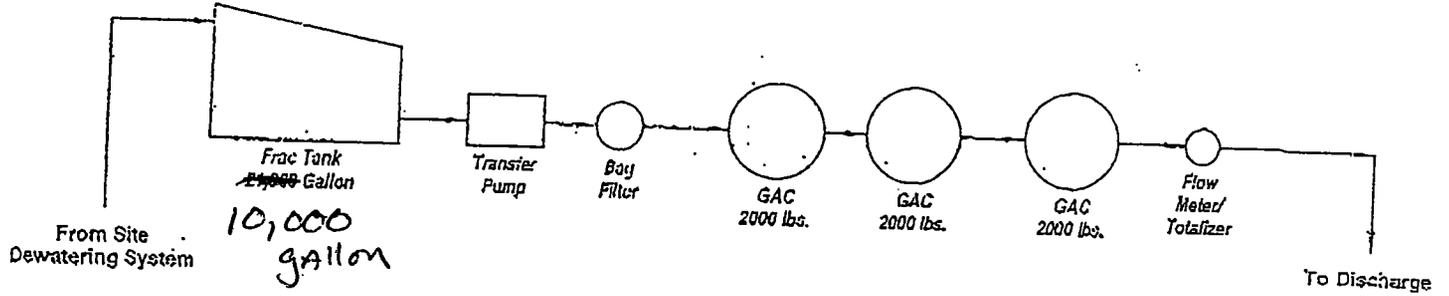
Here is a written description of the system we would propose. Attached is a diagram.

- Water will be pumped from the excavation via submersible pumps to a 10,000 gallon frac tank
- The 10,000 gallon frac tank will serve as a sedimentation and separation tank
- A centrifugal process pump will be utilized to move collected fluids through filtration components to discharge
- One bag filter will serve to remove particulates down to 25 microns. The bag filter vessel is size P2, 125 PSI.
- Following the bag filter, three liquid phase activated carbon vessels will be arranged in series configuration for VOC filtration. Each vessel will contain 2000 pounds LGAC. Vessels are rated for up to 100 GPM each, 75 PSI.
- A flow meter will be in-line following LGAC vessels for instant flow calculation. The flow meter is also a totalizer recoding total volume processed

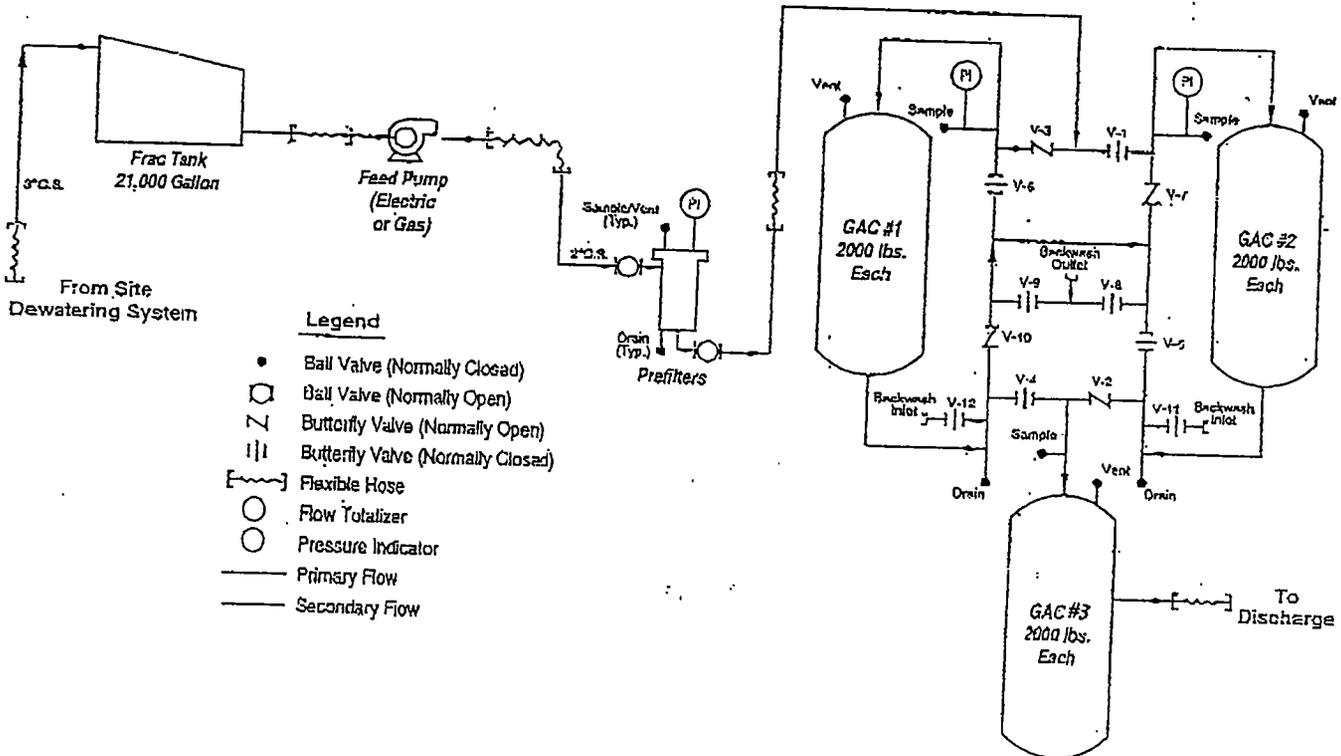


SERVICE TECH, INC.

Activated Carbon Engineering, Sales and Service



**Process Flow Diagram
Dewatering Treatment System (Typical)**



Legend

- Ball Valve (Normally Closed)
- Ball Valve (Normally Open)
- ∩ Butterfly Valve (Normally Open)
- ∪ Butterfly Valve (Normally Closed)
- ⌋ Flexible Hose
- Flow Totalizer
- Pressure Indicator
- Primary Flow
- - - Secondary Flow

ATTACHMENT B



Friday, May 19, 2006

Brian Emery
Tyree
9 Otis St
Westborough, MA 01581

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

TEL: (508) 871-8300

FAX: (508) 871-8301

Project: 067108

Location: Getty 30548, Main St, Williamstown, MA

Order No.: 0605245

Dear Brian Emery:

GeoLabs, Inc. received 1 sample(s) on 5/17/2006 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.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Chen", is written in a cursive style.

Jim Chen
Laboratory Director

FRW

GeoLabs, Inc.

Date: 19-May-06

CLIENT: Tyree	Client Sample ID: MW-16
Lab Order: 0605245	Collection Date: 5/16/2006 7:00:00 AM
Project: 067108	Date Received: 5/17/2006
Lab ID: 0605245-001	Matrix: GROUNDWATER

Analyses	Result	Det. Limit	Qual	Units	DF	Date Analyzed
NON-POLAR 1664						
Total Petroleum Hydrocarbons	6.10	5.00		mg/L	1	5/18/2006
		E1664				Analyst: BS
TOTAL SUSPENDED SOLIDS						
Total Suspended Solids	1260	4.00		mg/L	1	5/17/2006
		E160.2				Analyst: AMS
POLYCHLORINATED BIPHENYLS						
		SW8082		(SW3510B)		Analyst: GP
Aroclor 1016/1242	ND	0.314		µg/L	1	5/18/2006
Aroclor 1221	ND	0.314		µg/L	1	5/18/2006
Aroclor 1232	ND	0.314		µg/L	1	5/18/2006
Aroclor 1248	ND	0.314		µg/L	1	5/18/2006
Aroclor 1254	ND	0.314		µg/L	1	5/18/2006
Aroclor 1260	ND	0.314		µg/L	1	5/18/2006
Aroclor 1262	ND	0.314		µg/L	1	5/18/2006
Aroclor 1268	ND	0.314		µg/L	1	5/18/2006
Surr: Decachlorobiphenyl Sig 1	90.0	30-150		%REC	1	5/18/2006
Surr: Decachlorobiphenyl Sig 2	96.0	30-150		%REC	1	5/18/2006
Surr: Tetrachloro-m-xylene Sig 1	88.0	30-150		%REC	1	5/18/2006
Surr: Tetrachloro-m-xylene Sig 2	76.0	30-150		%REC	1	5/18/2006
ICP METALS						
		E200.7		(SW3010A)		Analyst: QS
Antimony	ND	0.0300		mg/L	1	5/18/2006
Arsenic	ND	0.0500		mg/L	1	5/18/2006
Cadmium	0.0128	0.00500		mg/L	1	5/18/2006
Chromium	0.262	0.0600		mg/L	1	5/18/2006
Copper	0.308	0.00800		mg/L	1	5/18/2006
Iron	111	1.20		mg/L	20	5/18/2006
Lead	0.242	0.0150		mg/L	1	5/18/2006
Nickel	0.0899	0.0100		mg/L	1	5/18/2006
Selenium	ND	0.0500		mg/L	1	5/18/2006
Zinc	2.54	0.100		mg/L	1	5/18/2006
SILVER						
Silver	0.00910	0.00700		mg/L	1	5/18/2006
		200.7		(SW3010A)		Analyst: QS
TOTAL MERCURY						
Mercury	0.0026	0.0005		mg/L	1	5/18/2006
		E245.1		(SW7470A/E245.1)		Analyst: BF

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: 19-May-06

CLIENT: Tyrec	Client Sample ID: MW-16
Lab Order: 0605245	Collection Date: 5/16/2006 7:00:00 AM
Project: 067108	Date Received: 5/17/2006
Lab ID: 0605245-001	Matrix: GROUNDWATER

Analyses	Result	Det. Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C		(SW3510)		Analyst: ZYZ
1,2,4-Trichlorobenzene	ND	0.750		µg/L	1	5/17/2006 6:03:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
1,2-Dinitrobenzene	ND	5.00		µg/L	1	5/17/2006 6:03:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
1,3-Dinitrobenzene	ND	0.750		µg/L	1	5/17/2006 6:03:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
1,4-Dinitrobenzene	ND	5.00		µg/L	1	5/17/2006 6:03:00 PM
2,3,4,6-Tetrachlorophenol	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
2,4,5-Trichlorophenol	ND	0.750		µg/L	1	5/17/2006 6:03:00 PM
2,4,6-Trichlorophenol	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
2,4-Dichlorophenol	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
2,4-Dimethylphenol	ND	3.75		µg/L	1	5/17/2006 6:03:00 PM
2,4-Dinitrophenol	ND	0.250		µg/L	1	5/17/2006 6:03:00 PM
2,4-Dinitrotoluene	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
2,6-Dinitrotoluene	ND	0.250		µg/L	1	5/17/2006 6:03:00 PM
2-Chloronaphthalene	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
2-Chlorophenol	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
2-Methylnaphthalene	ND	0.750		µg/L	1	5/17/2006 6:03:00 PM
2-Methylphenol	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
2-Nitroaniline	ND	0.750		µg/L	1	5/17/2006 6:03:00 PM
2-Nitrophenol	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
3,3'-Dichlorobenzidine	ND	2.50		µg/L	1	5/17/2006 6:03:00 PM
3-Methylphenol/4-methylphenol	ND	1.50		µg/L	1	5/17/2006 6:03:00 PM
3-Nitroaniline	ND	1.50		µg/L	1	5/17/2006 6:03:00 PM
4,6-Dinitro-2-methylphenol	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
4-Bromophenyl phenyl ether	ND	0.750		µg/L	1	5/17/2006 6:03:00 PM
4-Chloro-3-methylphenol	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
4-Chloroaniline	ND	2.50		µg/L	1	5/17/2006 6:03:00 PM
4-Chlorophenyl phenyl ether	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
4-Nitroaniline	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
4-Nitrophenol	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Acenaphthene	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Acenaphthylene	ND	0.250		µg/L	1	5/17/2006 6:03:00 PM
Acetophenone	ND	0.750		µg/L	1	5/17/2006 6:03:00 PM
Aniline	ND	2.25		µg/L	1	5/17/2006 6:03:00 PM
Anthracene	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Azobenzene	ND	5.00		µg/L	1	5/17/2006 6:03:00 PM
Benz(a)anthracene	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Benzo(a)pyrene	ND	0.200		µg/L	1	5/17/2006 6:03:00 PM
Benzo(b)fluoranthene	ND	0.500		µg/L	1	5/17/2006 6:03:00 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: 19-May-06

CLIENT: Tyree	Client Sample ID: MW-16
Lab Order: 0605245	Collection Date: 5/16/2006 7:00:00 AM
Project: 067108	Date Received: 5/17/2006
Lab ID: 0605245-001	Matrix: GROUNDWATER

Analyses	Result	Det. Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS						
		SW8270C		(SW3510)		Analyst: ZYZ
Benzo(g,h,i)perylene	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
Benzo(k)fluoranthene	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
Benzyl alcohol	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
Bis(2-chloroethoxy)methane	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Bis(2-chloroethyl)ether	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Bis(2-chloroisopropyl)ether	ND	0.750		µg/L	1	5/17/2006 6:03:00 PM
Bis(2-ethylhexyl)phthalate	4.11	2.00		µg/L	1	5/17/2006 6:03:00 PM
Butyl benzyl phthalate	ND	1.25		µg/L	1	5/17/2006 6:03:00 PM
Carbazole	ND	0.750		µg/L	1	5/17/2006 6:03:00 PM
Chrysene	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Dibenz(a,h)anthracene	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Dibenzofuran	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Diethyl phthalate	ND	1.25		µg/L	1	5/17/2006 6:03:00 PM
Dimethyl phthalate	ND	1.75		µg/L	1	5/17/2006 6:03:00 PM
Di-n-butyl phthalate	ND	0.750		µg/L	1	5/17/2006 6:03:00 PM
Di-n-octyl phthalate	ND	2.00		µg/L	1	5/17/2006 6:03:00 PM
Fluoranthene	0.510	0.500		µg/L	1	5/17/2006 6:03:00 PM
Fluorene	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Hexachlorobenzene	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
Hexachlorobutadiene	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Hexachlorocyclopentadiene	ND	10.0		µg/L	1	5/17/2006 6:03:00 PM
Hexachloroethane	ND	2.00		µg/L	1	5/17/2006 6:03:00 PM
Indeno(1,2,3-cd)pyrene	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Isophorone	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Naphthalene	ND	0.750		µg/L	1	5/17/2006 6:03:00 PM
Nitrobenzene	ND	0.750		µg/L	1	5/17/2006 6:03:00 PM
N-Nitrosodimethylamine	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
N-Nitrosodi-n-propylamine	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
N-Nitrosodiphenylamine	ND	5.00		µg/L	1	5/17/2006 6:03:00 PM
Pentachlorophenol	ND	1.00		µg/L	1	5/17/2006 6:03:00 PM
Phenanthrene	ND	0.500		µg/L	1	5/17/2006 6:03:00 PM
Phenol	ND	0.250		µg/L	1	5/17/2006 6:03:00 PM
Pyrene	ND	1.25		µg/L	1	5/17/2006 6:03:00 PM
Pyridine	ND	1.25		µg/L	1	5/17/2006 6:03:00 PM
Surr: 2,4,6-Tribromophenol	61.8	15-150		%REC	1	5/17/2006 6:03:00 PM
Surr: 2-Fluorobiphenyl	68.5	30-130		%REC	1	5/17/2006 6:03:00 PM
Surr: 2-Fluorophenol	41.7	15-110		%REC	1	5/17/2006 6:03:00 PM
Surr: Nitrobenzene-d5	62.8	30-130		%REC	1	5/17/2006 6:03:00 PM
Surr: Phenol-d6	28.2	15-110		%REC	1	5/17/2006 6:03:00 PM
Surr: Terphenyl-d14	83.1	30-130		%REC	1	5/17/2006 6:03:00 PM

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	

GeoLabs, Inc.

Date: 19-May-06

CLIENT: Tyrec
 Lab Order: 0605245
 Project: 067108
 Lab ID: 0605245-001

Client Sample ID: MW-16
 Collection Date: 5/16/2006 7:00:00 AM
 Date Received: 5/17/2006
 Matrix: GROUNDWATER

Analyses	Result	Det. Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		SW8270C	(SW3510)	Analyst: ZYZ		
VOLATILE ORGANIC COMPOUNDS BY GC/MS		SW8260B	Analyst: JG			
1,1,1,2-Tetrachloroethane	ND	2.00		µg/L	1	5/17/2006 2:06:00 PM
1,1,1-Trichloroethane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,1,2,2-Tetrachloroethane	ND	0.610		µg/L	1	5/17/2006 2:06:00 PM
1,1,2-Trichloroethane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,1-Dichloroethane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,1-Dichloroethene	ND	0.960		µg/L	1	5/17/2006 2:06:00 PM
1,1-Dichloropropene	ND	0.400		µg/L	1	5/17/2006 2:06:00 PM
1,2,3-Trichlorobenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,2,3-Trichloropropane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,2,4-Trichlorobenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,2,4-Trimethylbenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,2-Dibromo-3-chloropropane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	5/17/2006 2:06:00 PM
1,2-Dichlorobenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,2-Dichloroethane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,2-Dichloropropane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,3,5-Trimethylbenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,3-Dichlorobenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,3-Dichloropropane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
1,4-Dichlorobenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
2,2-Dichloropropane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
2-Butanone	ND	10.0		µg/L	1	5/17/2006 2:06:00 PM
2-Chloroethyl vinyl ether	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
2-Chlorotoluene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
2-Hexanone	ND	10.0		µg/L	1	5/17/2006 2:06:00 PM
4-Chlorotoluene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
4-Methyl-2-pentanone	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Acetone	ND	50.0		µg/L	1	5/17/2006 2:06:00 PM
Acrylonitrile	ND	50.0		µg/L	1	5/17/2006 2:06:00 PM
Benzene	6.76	5.00		µg/L	1	5/17/2006 2:06:00 PM
Bromobenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Bromochloromethane	ND	2.00		µg/L	1	5/17/2006 2:06:00 PM
Bromodichloromethane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Bromoform	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Bromomethane	ND	2.00		µg/L	1	5/17/2006 2:06:00 PM
Carbon tetrachloride	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Chlorobenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Chloroethane	ND	5.00		µg/L	1	5/17/2006 2:06:00 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: 19-May-06

CLIENT: Tyree
 Lab Order: 0605245
 Project: 067108
 Lab ID: 0605245-001

Client Sample ID: MW-16
 Collection Date: 5/16/2006 7:00:00 AM
 Date Received: 5/17/2006
 Matrix: GROUNDWATER

Analyses	Result	Det. Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
		SW8260B				Analyst: JG
Chloroform	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Chloromethane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
cis-1,2-Dichloroethene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
cis-1,3-Dichloropropene	ND	0.650		µg/L	1	5/17/2006 2:06:00 PM
Dibromochloromethane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Dibromomethane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Dichlorodifluoromethane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Ethylbenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Hexachlorobutadiene	ND	0.500		µg/L	1	5/17/2006 2:06:00 PM
Isopropylbenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Methyl tert-butyl ether	182	25.0		µg/L	5	5/17/2006 4:51:00 PM
Methylene chloride	ND	10.0		µg/L	1	5/17/2006 2:06:00 PM
Naphthalene	ND	20.0		µg/L	1	5/17/2006 2:06:00 PM
n-Butylbenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
n-Propylbenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
p-Isopropyltoluene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
sec-Butylbenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Styrene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
tert-Butylbenzene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Tetrachloroethene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Toluene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
trans-1,2-Dichloroethene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
trans-1,3-Dichloropropene	ND	0.950		µg/L	1	5/17/2006 2:06:00 PM
Trichloroethene	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Trichlorofluoromethane	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Vinyl chloride	ND	2.00		µg/L	1	5/17/2006 2:06:00 PM
Xylenes, Total	ND	5.00		µg/L	1	5/17/2006 2:06:00 PM
Surr: 1,2-Dichloroethane-d4	101	70-130		%REC	1	5/17/2006 2:06:00 PM
Surr: 4-Bromofluorobenzene	97.2	70-130		%REC	1	5/17/2006 2:06:00 PM
Surr: Dibromofluoromethane	101	70-130		%REC	1	5/17/2006 2:06:00 PM
Surr: Toluene-d8	99.6	70-130		%REC	1	5/17/2006 2:06:00 PM

CYANIDE, TOTAL

Cyanide, Total	4.05	E335.2 0.492		mg/L	25	Analyst: NS 5/18/2006
----------------	------	------------------------	--	------	----	--------------------------

HEXAVALENT CHROMIUM

Chromium, Hexavalent	ND	M3500-Cr D 0.00750		mg/L	1	Analyst: NS 5/17/2006
----------------------	----	------------------------------	--	------	---	--------------------------

TOTAL RESIDUAL CHLORINE

Hach 8167

Analyst: RP

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		

GeoLabs, Inc.

Date: 19-May-06

CLIENT: Tyree	Client Sample ID: MW-16
Lab Order: 0605245	Collection Date: 5/16/2006 7:00:00 AM
Project: 067108	Date Received: 5/17/2006
Lab ID: 0605245-001	Matrix: GROUNDWATER

Analyses	Result	Det. Limit	Qual	Units	DF	Date Analyzed
TOTAL RESIDUAL CHLORINE						
Total Residual Chlorine	ND	0.162		mg/L	1	5/16/2006

Hach 8167
Analyst: RP

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: 0605245 (DR)

CHECKED ITEMS MUST BE FILLED IN **2/1/06 RUSHES ONLY WITH APPROVAL OF DIKAHLER 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 HR. **STANDARD** 5 Days
 RUSH APPROVED BY: _____

Page 1 of 1
SPECIAL INSTRUCTIONS
 Use lowest detection limits possible

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 Tyree Project Number: X067108 CHANGES REQUESTED? Y N
 Address: X90th St NO P.O. BOXES Project Location: XGetty 30548 BY DATE
(Westboro MA 01581) Main St
 Phone: X508 871 8300 Williamstown MA
 Fax: 508 871 8301 Purchase Order #: _____
 Contact: X Brian Emery Collected By: X Dave Guy Received on ice?

SAMPLE ID	COLLECTION			SAMPLE LOCATION	CONTAINER					GEOLABS SAMPLE NUMBER	ANALYSES REQUESTED											
	DATE	TIME	SAMPLED		TYPE	QUANT	MATRIX	COMP	GRAB		PRES	see attached	TSS?	TRZ, Cr, Pb, Cd	TPH - 1664	8260, 8270	PCB	Sb, As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, Zn, Fe	TEMPERATURE	FABPH		
	5/16/06	7:00	DS	MW-16	PGV	20	GW		X	1, 4, 5, 2, 05245-001	X	X	X	X	X	X	6°					

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 ₂ SO ₄ 7 = ICE 4 = Na ₂ S ₂ O ₃	Relinquished By: _____ Date/Time: _____	Received By: _____ Date/Time: _____
			PRINT: <u>Dave Guy</u> <u>5/17/06 5:15pm</u>	<u>Tyree</u>
			Relinquished By: _____	Received By: <u>M. C.</u> <u>5/17/06 7:40</u>
Terms: Payment due within 30 days unless other arrangements are made. Past due balances subject to interest and collection costs.			Relinquished By: <u>M. C.</u> <u>5/17/06 9:45</u>	Received By: <u>Danielle Vega</u> <u>5/17/06 9:45a</u>

ATTACHMENT C

From: "Whalen, Kevin (MHD)" <Kevin.Whalen@state.ma.us>
To: "Aaron Amara" <AAmara@tyreeorg.com>
Date: 6/1/06 2:51PM
Subject: RE: Williamstown drainage rte. 2

Aaron,

The drainage system travels east from the existing driveway along the curb line approximately 350+/- feet then enters catch basins on each side of the roadway, where the enclosed system outlets on the north side from an 18 inch RCP pipe to a swamp area some 500 +/- feet away. If you have any questions please call me.

Kevin M. Whalen
District Permit Engineer
270 Main Street
Lenox, MA. 01240
413-637-1750 x-261
kevin.whalen@EOT.state.ma.us

-----Original Message-----

From: Aaron Amara [mailto:AAmara@tyreeorg.com]
Sent: Thursday, June 01, 2006 10:57 AM
To: Whalen, Kevin (MHD)
Subject: Re: Williamstown drainage rte. 2

Kevin,

Thanks for your help with these but the word documents are pretty tough to read and won't print well. could you give me a brief narrative, and let me know what the recieving waters are for this system?
Thanks,

Aaron Amara
The Tyree Company
9 Otis Street
Westborough, MA 01581
Phone: (508) 871-8300 x202
Fax: (508) 871-8301

TYREE - Over 75 Years of Quality Service
to the Retail Petroleum Industry!

>>> "Whalen, Kevin (MHD)" <Kevin.Whalen@state.ma.us> 05/23/06 03:54PM >>>

Lori,

Here are the drainage plans for route 2 Williamstown for the gas station in question. If you have any questions call me @ 413-637-5721

<<williamstown drainage 1.doc>> <<williamstown drainage 2.doc>> <<williamstown drainage 3.doc>>

Kevin M. Whalen
District Permit Engineer
270 Main Street
Lenox, MA. 01240
413-637-1750 x-261
kevin.whalen@EOT.state.ma.us

ATTACHMENT D

Aaron Amara - Re: RGP Question

From: <papadopoulos.george@epamail.epa.gov>
To: Aaron Amara <AAmara@tyreeorg.com>
Date: 6/20/2006 12:04 PM
Subject: Re: RGP Question

Aaron,

According to a USGS near Williamstown, the 7Q10 is about 37 cfs, or 24 MGD. I don't know where the gage is exactly, but that's the figure I got, In any case, if there is a direct discharge to the Hoosic, even at the 7Q10 of 12 or 17 cfs, this discharge is likely diluted more than 50 to 100 times, which would put it in the highest category for those parameters, primarily metals, which are dilution dependent.

@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@

George Papadopoulos
USEPA
1 Congress Street - Suite 1100
Mailcode CIP
Boston, MA 02114-2023

Phone: (617) 918-1579 FAX: (617) 918-1505

Aaron Amara
<AAmara@tyreeorg.com>
George
06/20/2006 09:41 AM
Papadopoulos/R1/USEPA/US@EPA
cc
Subject
Re: RGP Question

i did try the streamstats tool yesterday before i emailed you, but my computer wouldn't load it properly. I found one number of about 12cfs and then another at about 17 in a report on mass.gov/dep. anything you could give me would be a great help. thanks,

Aaron Amara
The Tyree Company
9 Otis Street
Westborough, MA 01581
Phone: (508) 871-8300 x202
Fax: (508) 871-8301

TYREE - Over 75 Years of Quality Service
to the Retail Petroleum Industry!