GZA
GeoEnvironmental, Inc.

Engineers and Scientists

September 20, 2006
File No. 19124.00

Victor Alvarez
USEPA
RGP-NOC Processing
Municipal Assistance Unit
1 Congress Street, Suite 1100
Boston, MA 02114-2023

One Edgewater Drive
Norwood
Massachusetts
02062
781-278-3700
FAX 781-278-5701
www.gza.com

Re: Notice of Intent
Remediation General Permit
Casual Male
555 Turnpike Rd.
Canton, Massachusetts

Dear Mr. Alvarez:

On behalf of our client Casual Male, GZA GeoEnvironmental Inc. (GZA) is submitting this Notice of Intent (NOI) for the above identified site. The Remediation General Permit (RGP) is required for the discharge of fire suppression water from two onsite tanks to a surface water of Massachusetts.

The discharge of fire suppression water falls under the RGP sub-category of Hydrostatic Testing of Pipelines/Tanks. Approximately 500,000 gallons of water will be discharged to an onsite private storm drain which discharges to Reservoir Pond over the course of two months. The analytical results of the fire suppression water, anticipated flowrate to the stormdrain, and calculated dilution factor indicate that no treatment is necessary for the water prior to discharge. Additionally, there are no analytical requirements for the fire suppression water during discharge.

Should you have any questions concerning the information provided herein, please do not hesitate to contact us at 781-278-3700.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.

Russell Parkman, P.E.
Senior Project Manager

Randy Meuse
Associate Principal

Attachment: NOI

cc: Donna Connerty, Casual Male

G:\19124\19124-00.RJP\CORRESP\19124 EPA NOI app.doc

An Equal Opportunity Employer M/F/V/H

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**: Casual Male		**Facility/site** address:		
Location of **facility/site**: longitude: -71.1 latitude: 42.2	Facility SIC code(s): 5651	Street: 555 Turnpike Street		
b) Name of **facility/site owner:** Casual Male (Donna Connerty)		Town: Canton		
Email address of owner: www.dconnerty@cmal.com		State: MA	Zip: 02021	County: Norfolk
Telephone no.of facility/site **owner**: (781) 828-9300				
Fax no. of facility/site **owner**: (781) 821-0385		**Owner** is (check one): 1. Federal____ 2. State/Tribal_____ 3. Private_✔_ 4. other, if so, describe:		
Address of **owner** (if different from site): Spirit SPE Canton, LLC				
Street: 14631 N. Scottsdale Rd., Suite 200				
Town: Scottsdale	State: AZ	Zip: 85254	County: Maricopa	
c) Legal name of **operator**: GZA GeoEnvironmental, Inc.	**Operator** telephone no: (781) 278-3700			
	Operator fax no.: (781) 278-5701	**Operator** email: rparkman@gza.com		
Operator contact name and title: Russell Parkman, P.E., Senior Project Manager				

Address of **operator** (if different from owner):	Street: One Edgewater Drive		
Town: Norwood	State: MA	Zip: 02062	County: Norfolk

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: 2. permit or license # assigned: 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:

One-time discharge of fire-suppression water through storm water system which empties into Reservoir Pond.

b) Provide the following information about each discharge:	1) Number of discharge points: 1	2) What is the **maximum** and **average flow rate** of discharge (in cubic feet per second, ft^3/s)? Max. flow 0.187 cfs Average flow 0.156 cfs 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.

3) Latitude and longitude of each discharge within 100 feet: pt.1:long. -71.1 lat. 42.2; 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): 500,00	5) Is the discharge intermittent ✔ or seasonal ____? Is discharge ongoing Yes ____ No ✔ ?
c) Expected dates of discharge (mm/dd/yy): start 10/01/06 end 11/30/06	
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 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 min-imum)	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	2,000				
2. Total Residual Chlorine	✔		1	Grab	330.5	100				
3. Total Petroleum Hydrocarbons		✔	1	Grab	1664	500	4,200			
4. Cyanide	NA	NA								
5. Benzene	✔		1	Grab	8260	1.0				
6. Toluene	✔		1	Grab	8260	1.0				
7. Ethylbenzene	✔		1	Grab	8260	1.0				
8. (m,p,o) Xylenes	✔		1	Grab	8260	2.0				
9. Total BTEX[4]	✔		1	Grab	8260	5.0				

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

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	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	8260	1.0				
11. Methyl-tert-Butyl Ether (MtBE)	✔		1	Grab	8260	1.0				
12. tert-Butyl Alcohol (TBA)	✔		1	Grab	8260	25				
13. tert-Amyl Methyl Ether (TAME)	✔		1	Grab	8260	2.0				
14. Naphthalene	✔		1	Grab	8270	2.0				
15. Carbon Tetra-chloride	✔		1	Grab	8260	1.0				
16. 1,4 Dichlorobenzene	✔		1	Grab	8260	1.0				
17. 1,2 Dichlorobenzene	✔		1	Grab	8260	1.0				
18. 1,3 Dichlorobenzene	✔		1	Grab	8260	1.0				
19. 1,1 Dichloroethane	✔		1	Grab	8260	1.0				
20. 1,2 Dichloroethane	✔		1	Grab	8260	1.0				
21. 1,1 Dichloroethylene	✔		1	Grab	8260	1.0				
22. cis-1,2 Dichloro-ethylene	✔		1	Grab	8260	1.0				
23. Dichloromethane (Methylene Chloride)	✔		1	Grab	8260	1.0				
24. Tetrachloroethylene	✔		1	Grab	8260	1.0				

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	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	8260	1.0				
26. 1,1,2 Trichloroethane	✔		1	Grab	8260	1.0				
27. Trichloroethylene	✔		1	Grab	8260	1.0				
28. Vinyl Chloride	✔		1	Grab	8260	1.0				
29. Acetone	✔		1	Grab	8260	25				
30. 1,4 Dioxane	✔		1	Grab	8260	100				
31. Total Phenols	NA	NA								
32. Pentachlorophenol	NA	NA								
33. Total Phthalates [5] (Phthalate esthers)	NA	NA								
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	NA	NA								
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	NA	NA								
a. Benzo(a) Anthracene	✔		1	Grab	8270	2.0				
b. Benzo(a) Pyrene	✔		1	Grab	8270	2.0				
c. Benzo(b)Fluoranthene	✔		1	Grab	8270	2.0				
d. Benzo(k) Fluoranthene	✔		1	Grab	8270	2.0				
e. Chrysene	✔		1	Grab	8270	2.0				

[5] The sum of individual phthalate compounds.

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	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	8270	2.0				
g. Indeno(1,2,3-cd) Pyrene	✔		1	Grab	8270	2.0				
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	NA	NA								
h. Acenaphthene	✔		1	Grab	8270	2.0				
i. Acenaphthylene	✔		1	Grab	8270	2.0				
j. Anthracene	✔		1	Grab	8270	2.0				
k. Benzo(ghi) Perylene	✔		1	Grab	8270	2.0				
l. Fluoranthene	✔		1	Grab	8270	2.0				
m. Fluorene	✔		1	Grab	8270	2.0				
n. Naphthalene-	✔		1	Grab	8270	2.0				
o. Phenanthrene	✔		1	Grab	8270	2.0				
p. Pyrene	✔		1	Grab	8270	2.0				
37. Total Polychlorinated Biphenyls (PCBs)	NA	NA								
38. Antimony	NA	NA								
39. Arsenic	NA	NA								
40. Cadmium	NA	NA								
41. Chromium III		✔	1	Grab	6010B	5.0	10			
42. Chromium VI		✔	1	Grab	SM3500	20	30			

PARAMETER	Believe Absent	Believe Present	# of Samples (1 min-imum)	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	NA	NA								
44. Lead	✔		1	Grab	6010B	10				
45. Mercury	NA	NA								
46. Nickel	✔		1	Grab	6010B	10				
47. Selenium	NA	NA								
48. Silver	NA	NA								
49. Zinc		✔	1	Grab	6010B	10	27			
50. Iron		✔	1	Grab	6010B	25	1600			
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? Chromium VI Iron
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: Chromium VI, Iron DF: 5.01	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:

No treatment necessary.

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):			

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_____ Maximum flow rate of treatment system _____ Design flow rate of treatment system _____

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):

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

Discharge enters storm drain with outfall in reservoir pond.

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

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

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water 0.75 cfs
Please attach any calculation sheets used to support stream flow and dilution calculations. Dilution based on drainage area, summer flow.

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Yes ✔ No____ If yes, for which pollutant(s)?

Only for exotic species; no chemical pollutants.

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 ✔

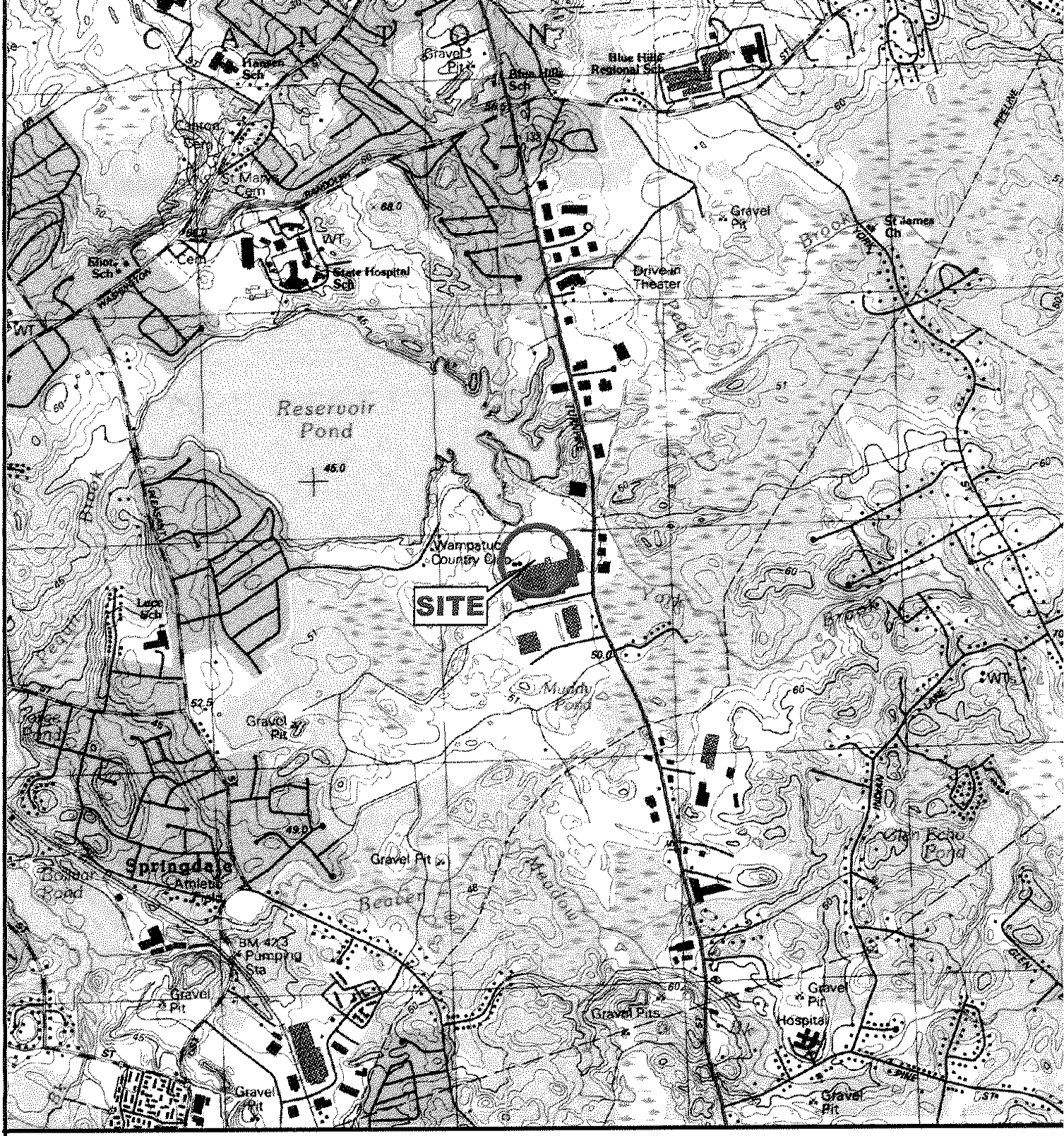
7. Supplemental information. :

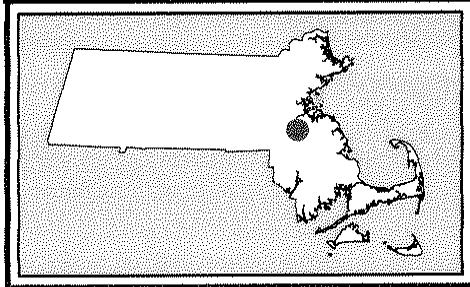
Please provide any supplemental information. Attach any analytical data used to support the application. Attach any certification(s) required by the general permit.

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:	Casual Mate
Operator signature:	
Title:	Senior Project Manager
Date:	9/20/06





SOURCE : SCANNED USGS TOPOGRAPHIC QUADRANGLES
SCANNED BY THE MASSACHUSETTS EXECUTIVE OFFICE OF
ENVIRONMENTAL AFFAIRS, MASSGIS. DISTRIBUTED JUNE, 2001.

Data Supplied by : MASS GIS

0 1,000 2,000 4,000 6,000 Feet

N W E S

GZA

PROJ. MGR.: RBP
DESIGNED BY: RBP
REVIEWED BY: RJM
OPERATOR: EMD

DATE: 09-12-2006

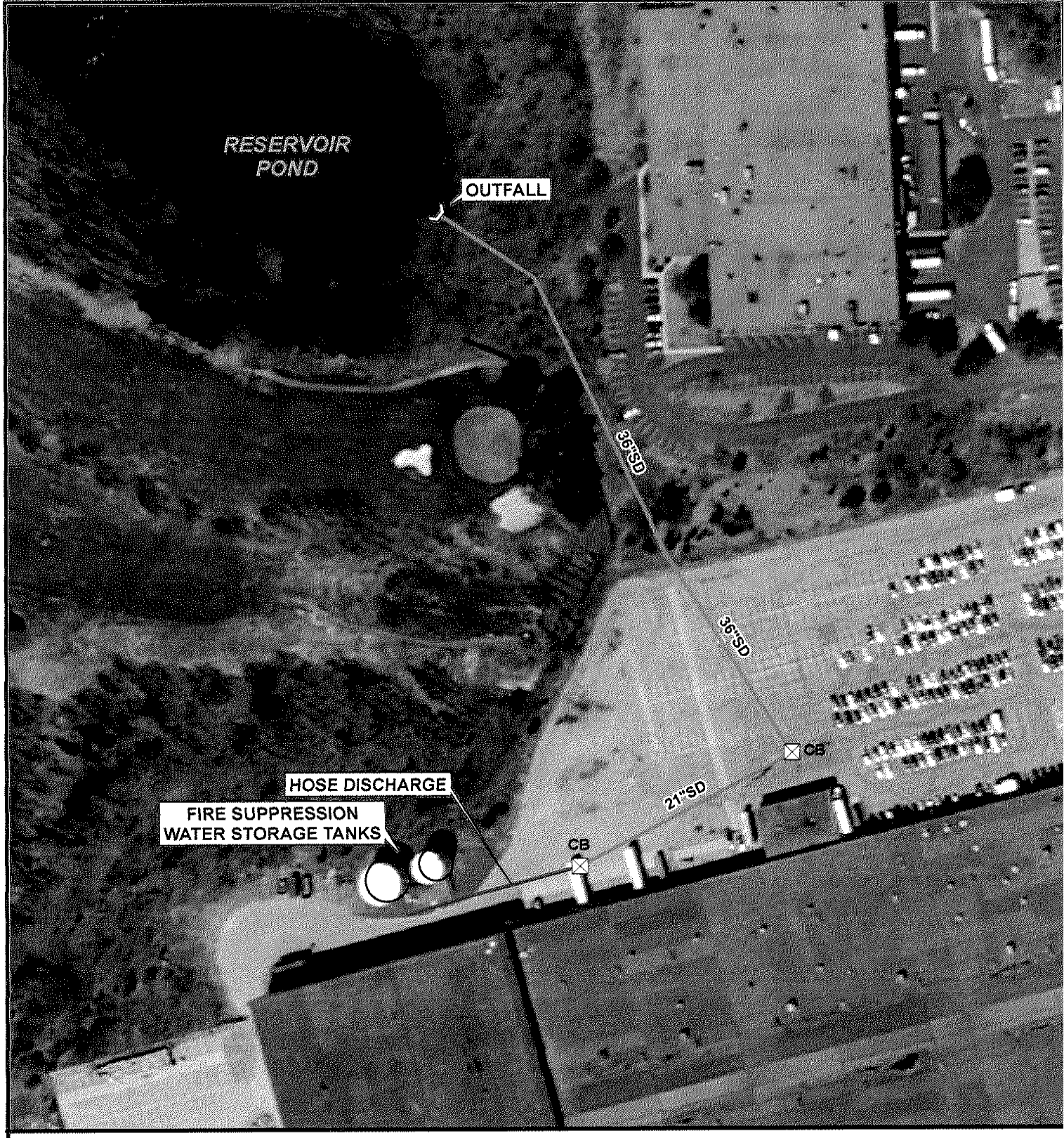
LOCUS PLAN

FIRE SUPPRESSION WATER DISCHARGE
CASUAL MALE
CANTON, MASSACHUSETTS

JOB NO.
01.0019124.00

FIGURE NO.
1

G:\19124\19124-00.RJP\FIGURES\GIS\MXD Documents\19124-00_SiteLocus_F01(Arcmap 9).mxd



LEGEND

CB ☒ CATCH BASIN
OUTFALL
HOSE DISCHARGE
STORM DRAIN PIPE

0 75 150 300 FEET

N W E S

SOURCE:

1) COLOR ORTHO IMAGERY PROVIDED BY MASSGIS THE EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS (EOEA), THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, THE MASSACHUSETTS HIGHWAY DEPARTMENT & THE DEPARTMENT OF PUBLIC HEALTH. THE IMAGERY WAS CAPTURED IN APRIL 2005 AND DISTRIBUTED IN APRIL 2006.

GZA	PROJ. MGR.: RBP DESIGNED BY: RBP REVIEWED BY: RJM OPERATOR: EMD DATE: 09-12-2006	SITE PLAN	JOB NO. 01.0019124.00
		FIRE SUPPRESSION WATER DISCHARGE CASUAL MALE CANTON, MASSACHUSETTS	FIGURE NO. 2

G:\19124\19124-00.RJP\FIGURES\GIS\MXD Documents\19124-00_Site-Plan_F02(Arcmap 9).mxd

National Inventory of Dams

DETAILED INFORMATION

Dam Name : **Reservoir Pond Dam**

NID ID : **MA00166**

Record Number :	25358
Dam Name :	Reservoir Pond Dam
Other Dam Name :	
Dam Former Name :	
State ID :	
NID ID :	MA00166
Longitude :	-71.1336
Latitude :	42.1682
Section :	
County :	Norfolk
River :	Reservoir Pond
Owner Name :	Plymouth Rubber Co.
Owner Type :	P
Dam Designer :	
Private Dam :	
Dam Type :	REPG
Core :	
Foundation :	
Purposes :	SR
Year Completed :	1930

Year Modified :	
Dam Length :	300.0
Dam Height :	0.0
Structural Height :	10.0
Hydraulic Height :	6.0
NID Height :	10.0
Maximum Discharge :	0.0
Maximum Storage :	2544.0
Normal Storage :	1518.0
NID Storage :	2544.0
Surface Area :	0.0
Drainage Area :	1.5
Down Stream Hazard Potential :	S
Emergency Action Plan :	N
Inspection Date :	10/22/1999
Inspection Frequency :	5.0
State Regulated Dam :	Y
State Regulated Agency :	MA DEPT. OF ENV. MGNT.
Spillway Type :	U
Spillway Width :	5.0
Outlet Gates :	
Volume of Dam :	0.0
Number of Locks :	0.0
Length of Locks :	0.0
Width of Locks :	0.0
Federal Agency in Funding :	
Federal Agency in Design :	
Federal Agency in Construction :	
Federal Agency in Regulatory :	
Federal Agency in Inspection :	
Federal Agency in Operation :	

Federal Agency Owner :	
Federal Agency in Other :	
Source Agency :	MA
State :	MA
Congressional District :	MA09
Congressional Person :	Stephen F. Lynch
Political Party :	D
Submit Date :	2002-08-06 00:00:00
Dam Web Site:	Not Provided

Dam Pictures : Currently only some Corps of Engineers' and Bureau of Reclamation's Dams Pictures are available.

GZA
GeoEnvironmental, Inc.
One Edgewater Drive
Norwood, MA 02062
781-278-3700
Fax 781-278-5701
http://www.gza.com

Engineers and Scientists

JOB Casual Male Inc.
SHEET NO. 1 OF 1
CALCULATED BY RBP DATE 9/18/06
CHECKED BY _____ DATE _____
SCALE N/A

Reservoir Pond Dilution Factor

Drainage Area = 1.5 square miles

The New England Aquatic Base Flow outfall Flow factor
= 0.5 (USFWS, New England Flow Policy, 1980)
summer (minimum flow)

so: (1.5 sq. miles)(0.5) = 0.75 cfs
Reservoir Pond outfall

Max Flow rate = 0.187 cfs

so:

$$\text{Dilution Factor} = \frac{0.187\text{cfs} + 0.75\text{ cfs}}{0.187\text{cfs}}$$

$$= 5.01$$

Iron effluent limit = 5.0 mg/L w/DF
Chromium VI effluent limit = 57 ug/L w/DF

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

Laboratory Identification Numbers:
MA and ME: **MA092** NH: **2028**
CT: **PH0579** RI: **LAO00236**
NELAC - NYS DOH: **11063**

ANALYTICAL REPORT

GZA GeoEnvironmental, Inc.
One Edgewater Drive
Norwood, MA 02062

Russell Parkman

Project No.: **01.0019124.00**
Work Order No.: **0608-00140**
Date Received: **08/17/2006**
Date Reported: **08/25/2006**

SAMPLE INFORMATION

Date Sampled	Matrix	Laboratory ID	Sample ID
08/16/2006	Aqueous	0608-00140 001	Tank 2 - West

The laboratory report shall not be reproduced except in full without the written consent of the laboratory.

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

ANALYTICAL REPORT

GZA GeoEnvironmental, Inc.
One Edgewater Drive
Norwood, MA 02062

Russell Parkman

Project Name.: **Casual Male**
Project No.: **01.0019124.00**

Date Received: **08/17/2006**
Date Reported: **08/25/2006**
Work Order No.: **0608-00140**

PROJECT NARRATIVE:

1. Sample Receipt

The samples were received on 08/17/06 via _x_GZA courier, __EC, __FEDEX, or ___hand delivered. The temperature of the _x_temperature blank/__cooler air, was 1.9 degrees C. The temperature requirement for most analyses is above freezing to 6 degrees C. The samples were received intact for all requested analyses.

Hewavalent chromium recieved outside of hold-time. Analyzed at the PM request.

The chain of custody indicates that the samples, when required, were chemically preserved in accordance with the method they reference.

2. Subcontracted Analyses

Analyses were subcontracted to Rhode Island Analytical (RIAL) on 08/17/06;
Certification MA: MA-RI015, NH: 253700 A&B, CT: PH-0508, ME: RI015, RI: RI-033, NY:11726,

The data is included in GZA's report for ease of electronic data transfer and is indicated by "XXX" in the tech column. The data report from the subcontractor is attached.

3. EPA Method 8260 - VOCs

Attach QC 8260 08/18/06 A - Aqueous

4. EPA Method 6010B - Metals

* Trivalent Chromium concentration was determined by subtracting the hexavalent chromium concentration from the total chromium concentration.

Attach QC 6010B 08/21/06 - Aqueous

5. EPA Method 8270 - PAHs

The above samples have been evaluated for the presence of the target analytes at levels between the reporting (quantitation) limit and the method detection limit (MDL) and are reported, when detected, as estimated concentrations (J).

Attach QC 8270 08/18/06 - Aqueous

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

ANALYTICAL REPORT

GZA GeoEnvironmental, Inc.
One Edgewater Drive
Norwood, MA 02062

Russell Parkman

Project Name.: **Casual Male**
Project No.: **01.0019124.00**

Date Received: **08/17/2006**
Date Reported: **08/25/2006**
Work Order No.: **0608-00140**

Data Authorized By: _____

NELAC certification, as indicated by the NELAC Lab ID Number, is per analyte. For a complete list of NELAC validated analytes, please contact the laboratory.

Abbreviations:
% R = % Recovery
DF = Dilution Factor
DFS = Dilution Factor Solids
DO = Diluted Out

Method Key:
Method 8260: The current version of the method is 8260B.
Method 8021: The current version of the method is 8021B.
Method 8270: The current version of the method is 8270C.
Method 6010: The current version of the method is 6010B.

Please note that the laboratory signed copy of the chain of custody record is an integral part of the data report.

The laboratory report shall not be reproduced except in full without the written consent of the laboratory.

Soil data is reported on a dry weight basis unless otherwise specified.

Matrix Spike / Matrix Spike Duplicate sets are performed as per method and are reported at the end of the analytical report if assigned on the Chain of Custody.

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

ANALYTICAL REPORT

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Russell Parkman

Project Name.: **Casual Male**
Project No.: **01.0019124.00**

Date Received: **08/17/2006**
Date Reported: **08/25/2006**
Work Order No.: **0608-00140**

Sample ID: **Tank 2 - West**
Sample No.: **001**
Sample Date: **08/16/2006**

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS	EPA 8260			MQS	08/18/2006
Dichlorodifluoromethane	EPA 8260	<2.0	ug/L	MQS	08/18/2006
Chloromethane	EPA 8260	<2.0	ug/L	MQS	08/18/2006
Vinyl Chloride	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Bromomethane	EPA 8260	<2.0	ug/L	MQS	08/18/2006
Chloroethane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Trichlorofluoromethane	EPA 8260	<2.0	ug/L	MQS	08/18/2006
Diethylether	EPA 8260	<5.0	ug/L	MQS	08/18/2006
Acetone	EPA 8260	<25	ug/L	MQS	08/18/2006
1,1-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Freon 113	EPA 8260	<2.0	ug/L	MQS	08/18/2006
Carbon Disulfide	EPA 8260	<50	ug/L	MQS	08/18/2006
Dichloromethane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
tert-Butyl alcohol (TBA)	EPA 8260	<25	ug/L	MQS	08/18/2006
Methyl-Tert-Butyl-Ether	EPA 8260	<1.0	ug/L	MQS	08/18/2006
trans-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,1-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Di-isopropyl ether (DIPE)	EPA 8260	<2.0	ug/L	MQS	08/18/2006
Ethyl tert-butyl ether ETBE	EPA 8260	<2.0	ug/L	MQS	08/18/2006
2-Butanone	EPA 8260	<25	ug/L	MQS	08/18/2006
2,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
cis-1,2-Dichloroethene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Chloroform	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Bromochloromethane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Tetrahydrofuran	EPA 8260	<10	ug/L	MQS	08/18/2006
1,1,1-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,1-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Carbon Tetrachloride	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,2-Dichloroethane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Benzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
tert-Amyl methyl ether TAME	EPA 8260	<2.0	ug/L	MQS	08/18/2006
Trichloroethene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,4-Dioxane	EPA 8260	<100	ug/L	MQS	08/18/2006
1,2-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Bromodichloromethane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Dibromomethane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
4-Methyl-2-Pentanone	EPA 8260	<25	ug/L	MQS	08/18/2006

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Sample ID: **Tank 2 - West**
Sample Date: **08/16/2006**
Sample No.: **001**

Test Performed	Method	Results	Units	Tech	Analysis Date
cis-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Toluene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
trans-1,3-Dichloropropene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,1,2-Trichloroethane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
2-Hexanone	EPA 8260	<2.0	ug/L	MQS	08/18/2006
1,3-Dichloropropane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Tetrachloroethene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Dibromochloromethane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,2-Dibromoethane (EDB)	EPA 8260	<2.0	ug/L	MQS	08/18/2006
Chlorobenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,1,1,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Ethylbenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
m&p-Xylene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
o-Xylene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Styrene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Bromoform	EPA 8260	<2.0	ug/L	MQS	08/18/2006
Isopropylbenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,1,2,2-Tetrachloroethane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,2,3-Trichloropropane	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Bromobenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
N-Propylbenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
2-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,3,5-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
4-Chlorotoluene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
tert-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,2,4-Trimethylbenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
sec-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
p-Isopropyltoluene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,3-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,4-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
n-Butylbenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,2-Dichlorobenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,2-Dibromo-3-Chloropropane	EPA 8260	<5.0	ug/L	MQS	08/18/2006
1,2,4-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Hexachlorobutadiene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
Naphthalene	EPA 8260	<1.0	ug/L	MQS	08/18/2006
1,2,3-Trichlorobenzene	EPA 8260	<1.0	ug/L	MQS	08/18/2006

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Sample Date: **08/16/2006**
Sample No.: **001**

Test Performed	Method	Results	Units	Tech	Analysis Date
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	97.1	% R	MQS	08/18/2006
***Toluene-D8	EPA 8260	101	% R	MQS	08/18/2006
***4-Bromofluorobenzene	EPA 8260	103	% R	MQS	08/18/2006
Preparation	EPA 5030B	1.0	DF	MQS	08/18/2006
PAHS BY GCMS	EPA 8270			CMG	08/22/2006
Naphthalene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
2-Methylnaphthalene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Acenaphthylene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Acenaphthene	EPA 8270	0.26 J	ug/L	CMG	08/22/2006
Fluorene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Phenanthrene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Anthracene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Fluoranthene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Pyrene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Benzo [a] Anthracene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Chrysene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Benzo [b] Fluoranthene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Benzo [k] Fluoranthene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Benzo [a] Pyrene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Indeno [1,2,3-cd] Pyrene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Dibenzo [a,h] Anthracene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Benzo [g,h,i] Perylene	EPA 8270	<2.0	ug/L	CMG	08/22/2006
Surrogates:	EPA 8270				
***Nitrobenzene-D5	EPA 8270	76.7	% R	CMG	08/22/2006
***2-Fluorobiphenyl	EPA 8270	71.5	% R	CMG	08/22/2006
***P-Terphenyl-D14	EPA 8270	52.8	% R	CMG	08/22/2006
Extraction	EPA 3510C	1.0	DF	JEJ	08/18/2006
TOTAL METALS					
Chromium	EPA 6010B	0.040	mg/L	KMD	08/21/2006
Lead	EPA 6010B	<0.010	mg/L	KMD	08/21/2006
Nickel	EPA 6010B	<0.010	mg/L	KMD	08/21/2006
Iron	EPA 6010B	1.6	mg/L	KMD	08/21/2006
Zinc	EPA 6010B	0.027	mg/L	KMD	08/21/2006
Trivalent Chromium calc.	6010B	0.01	mg/L	AJY	08/25/2006
SUBCONTRACTED ANALYTES					
Total Suspended Solids	EPA 160.2	<2.0	mg/L	XXX	08/21/2006

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Sample ID: **Tank 2 - West**
Sample Date: **08/16/2006**
Sample No.: **001**

Test Performed	Method	Results	Units	Tech	Analysis Date
Residual Chlorine	EPA 330.5	<0.1	mg/L	XXX	08/17/2006
Hexavalent Chromium	SM 3500CrD	0.03	mg/L	XXX	08/17/2006
TPH via Method 1664	EPA 1664	4.2	mg/L	XXX	08/22/2006

GZA GeoEnvironmental, Inc.
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EPA Method 8260 / 524.2 Aqueous Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Analyzed:	8/15/2006	
Volatile Organics	Conc. ug/L	Acceptance Limit
dichlorodifluoromethane	< 1.0	< 1.0
chloromethane	< 1.0	< 1.0
vinyl chloride	< 1.0	< 1.0
bromomethane	< 1.0	< 1.0
chloroethane	< 1.0	< 1.0
trichlorofluoromethane	< 1.0	< 1.0
diethyl ether	< 2.0	< 2.0
acetone	< 25	< 25
1,1-dichloroethene	< 0.5	< 0.5
FREON-113	< 1.0	< 1.0
carbon disulfide	< 1.0	< 1.0
dichloromethane	< 1.0	< 1.0
tert-butyl alcohol (TBA)	< 25	< 25
methyl-tert-butyl-ether	< 1.0	< 1.0
trans-1,2-dichloroethene	< 0.5	< 0.5
1,1-dichloroethane	< 0.5	< 0.5
di-isopropyl ether (DIPE)	< 1.0	< 1.0
ethyl tert-butyl ether (EtBE)	< 1.0	< 1.0
2-butanone	< 25	< 25
2,2-dichloropropane	< 0.5	< 0.5
cis-1,2-dichloroethene	< 0.5	< 0.5
chloroform	< 0.5	< 0.5
bromochloromethane	< 0.5	< 0.5
tetrahydrofuran	< 5.0	< 5.0
1,1,1-trichloroethane	< 0.5	< 0.5
1,1-dichloropropene	< 0.5	< 0.5
carbon tetrachloride	< 0.5	< 0.5
1,2-dichloroethane	< 0.5	< 0.5
benzene	< 0.5	< 0.5
tert-amyl methyl ether (TAME)	< 1.0	< 1.0
trichloroethene	< 0.5	< 0.5
1,2-dichloropropane	< 0.5	< 0.5
bromodichloromethane	< 0.5	< 0.5
1,4-Dioxane	< 50	< 50
dibromomethane	< 0.5	< 0.5
4-methyl-2-pentanone	< 1.0	< 1.0
cis-1,3-dichloropropene	< 0.5	< 0.5
toluene	< 0.5	< 0.5
trans-1,3-dichloropropene	< 0.5	< 0.5
1,1,2-trichloroethane	< 1.0	< 1.0
2-hexanone	< 1.0	< 1.0
1,3-dichloropropane	< 0.5	< 0.5
tetrachloroethene	< 0.5	< 0.5
dibromochloromethane	< 0.5	< 0.5
1,2-dibromoethane (EDB)	< 0.5	< 0.5
chlorobenzene	< 0.5	< 0.5
1,1,1,2-tetrachloroethane	< 0.5	< 0.5
ethylbenzene	< 0.5	< 0.5
1,1,2,2-tetrachloroethane	< 0.5	< 0.5
m&p-xylene	< 0.5	< 0.5
o-xylene	< 0.5	< 0.5
styrene	< 0.5	< 0.5
bromoform	< 0.5	< 0.5
isopropylbenzene	< 0.5	< 0.5
1,2,3-trichloropropane	< 0.5	< 0.5
bromobenzene	< 0.5	< 0.5
n-propylbenzene	< 0.5	< 0.5
2-chlorotoluene	< 0.5	< 0.5
1,3,5-trimethylbenzene	< 0.5	< 0.5
4-chlorotoluene	< 0.5	< 0.5
tert-butyl-benzene	< 0.5	< 0.5
1,2,4-trimethylbenzene	< 0.5	< 0.5
sec-butyl-benzene	< 0.5	< 0.5
p-isopropyltoluene	< 2.5	< 2.5
1,3-dichlorobenzene	< 0.5	< 0.5
1,4-dichlorobenzene	< 0.5	< 0.5
n-butylbenzene	< 0.5	< 0.5
1,2-dichlorobenzene	< 0.5	< 0.5
1,2-dibromo-3-chloropropane	< 1.0	< 1.0
1,2,4-trichlorobenzene	< 0.5	< 0.5
hexachlorobutadiene	< 0.5	< 0.5
naphthalene	< 0.5	< 0.5
1,2,3-trichlorobenzene	< 0.5	< 0.5

Laboratory Control Sample

Date Analyzed:	8/16/2006		
Spike Concentration = 20ug/L	% Recovery	Acceptance Limits	Verdict
dichlorodifluoromethane	96.7	70-130	ok
chloromethane	96.9	70-130	ok
vinyl chloride	94.8	70-130	ok
bromomethane	96.3	70-130	ok
chloroethane	102	70-130	ok
trichlorofluoromethane	107	70-130	ok
diethyl ether	101	70-130	ok
acetone	86.0	70-130	ok
1,1-dichloroethene	94.4	70-130	ok
FREON-113	99.7	70-130	ok
carbon disulfide	92.1	70-130	ok
dichloromethane	95.7	70-130	ok
tert-butyl alcohol (TBA)	117	70-130	ok
methyl-tert-butyl-ether	104	70-130	ok
trans-1,2-dichloroethene	100	70-130	ok
1,1-dichloroethane	97.1	70-130	ok
di-isopropyl ether (DIPE)	99.9	70-130	ok
ethyl tert-butyl ether (EtBE)	94.7	70-130	ok
2-butanone	99.8	70-130	ok
2,2-dichloropropane	99.8	70-130	ok
cis-1,2-dichloroethene	98.4	70-130	ok
chloroform	97.0	70-130	ok
bromochloromethane	99.5	70-130	ok
tetrahydrofuran	90.9	70-130	ok
1,1,1-trichloroethane	98.3	70-130	ok
1,1-dichloropropene	96.7	70-130	ok
carbon tetrachloride	99.6	70-130	ok
1,2-dichloroethane	93.7	70-130	ok
benzene	99.3	70-130	ok
tert-amyl methyl ether (TAME)	92.5	70-130	ok
trichloroethene	102	70-130	ok
1,2-dichloropropane	93.3	70-130	ok
bromodichloromethane	100	70-130	ok
1,4-Dioxane	96.5	70-130	ok
dibromomethane	102	70-130	ok
4-methyl-2-pentanone	90.2	70-130	ok
cis-1,3-dichloropropene	101	70-130	ok
toluene	104	70-130	ok
trans-1,3-dichloropropene	95.5	70-130	ok
1,1,2-trichloroethane	95.2	70-130	ok
2-hexanone	85.9	70-130	ok
1,3-dichloropropane	96.1	70-130	ok
tetrachloroethene	102	70-130	ok
dibromochloromethane	103	70-130	ok
1,2-dibromoethane (EDB)	97.5	70-130	ok
chlorobenzene	102	70-130	ok
1,1,1,2-tetrachloroethane	101	70-130	ok
ethylbenzene	103	70-130	ok
1,1,2,2-tetrachloroethane	95.9	70-130	ok
m&p-xylene	99.3	70-130	ok
o-xylene	97.1	70-130	ok
styrene	100.0	70-130	ok
bromoform	98.6	70-130	ok
isopropylbenzene	99.2	70-130	ok
1,2,3-trichloropropane	96.9	70-130	ok
bromobenzene	99.4	70-130	ok
n-propylbenzene	98.9	70-130	ok
2-chlorotoluene	94.4	70-130	ok
1,3,5-trimethylbenzene	101	70-130	ok
4-chlorotoluene	95.9	70-130	ok
tert-butyl-benzene	104	70-130	ok
1,2,4-trimethylbenzene	102	70-130	ok
sec-butyl-benzene	101	70-130	ok
p-isopropyltoluene	100	70-130	ok
1,3-dichlorobenzene	102	70-130	ok
1,4-dichlorobenzene	102	70-130	ok
n-butylbenzene	97.5	70-130	ok
1,2-dichlorobenzene	98.4	70-130	ok
1,2-dibromo-3-chloropropane	82.5	70-130	ok
1,2,4-trichlorobenzene	109	70-130	ok
hexachlorobutadiene	116	70-130	ok
naphthalene	96.0	70-130	ok
1,2,3-trichlorobenzene	107	70-130	ok

SMF criteria allows 5 compounds to be outside acceptance limits

Surrogates:	Recovery (%)	Acceptance Limits
DIBROMOFLUOROMETHANE	97.5	70-130
1,2-DICHLOROETHANE-D4	102	70-130
TOLUENE-D8	104	70-130
4-BROMOFLUOROBENZENE	100	70-130
1,2-DICHLOROBENZENE-D4	103	70-130

Surrogates:	Recovery (%)	Acceptance Limits	Verdict
DIBROMOFLUOROMETHANE	97.3	70-130	ok
1,2-DICHLOROETHANE-D4	102	70-130	ok
TOLUENE-D8	99.2	70-130	ok
4-BROMOFLUOROBENZENE	102	70-130	ok
1,2-DICHLOROBENZENE-D4	101	70-130	ok

Instrument: HP GC/MS "A"

ENVIRONMENTAL CHEMISTRY LABORATORY
106 SOUTH ST, HOPKINTON, MA 01748
MASSACHUSETTS LABORATORY I.D. NO. MA092

EPA METHOD 6010B ANALYSIS
Metals by ICP

QUALITY CONTROL - AQUEOUS

DATE PREPARED: 8/21/2006

QC Sample	Method Blank	Lab Control Sample
Units	mg/L	% Recovery
Acceptance Limits	Results	80-120
Analyte		
Silver (Ag)	<0.0050	96.7
Aluminum (Al)	NA	NA
Arsenic (As)	<0.010	102
Boron (B)	NA	NA
Barium (Ba)	<0.0050	101
Beryllium (Be)	NA	NA
Calcium (Ca)	NA	NA
Cadmium (Cd)	<0.0050	104
Cobalt (Co)	NA	NA
Chromium (Cr)	<0.0050	102
Copper (Cu)	NA	NA
Iron (Fe)	<0.025	107
Magnesium (Mg)	NA	NA
Manganese (Mn)	NA	NA
Molybdenum (Mo)	NA	NA
Nickel (Ni)	<0.010	103
Lead (Pb)	<0.010	102
Antimony (Sb)	NA	NA
Selenium (Se)	<0.025	105
Strontium (Sr)	NA	NA
Titanium (Ti)	NA	NA
Thallium (Tl)	NA	NA
Vanadium (V)	NA	NA
Zinc (Zn)	<0.010	109

Matrix Spike / Duplicate Spike performed as per method and reported if assigned on Chain of Custody.

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
MA092

EPA Method 8270 Aqueous Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Extracted:	06/18/06
Date Analyzed:	06/22/06
File Name:	L1171

Semi-Volatile Organics	Result	Reporting Limit (ug/L)
naphthalene	ND	2.0
2-methylnapthalene	ND	2.0
acenaphthylene	ND	2.0
acenaphthene	ND	2.0
fluorene	ND	2.0
phenanthrene	ND	2.0
anthracene	ND	2.0
fluoranthene	ND	2.0
pyrene	ND	2.0
benz [a] anthracene	ND	2.0
chrysene	ND	2.0
benzo [b] fluoranthene	ND	2.0
benzo [k] fluoranthene	ND	2.0
benzo [a] pyrene	ND	2.0
indeno [1,2,3-cd] pyrene	ND	2.0
dibenz [a,h] anthracene	ND	2.0
benzo [ghi] perylene	ND	2.0

Surrogates:	Recovery (%)	Acceptance Limits
NITROBENZENE-D5	72.2	30-130
2-FLUOROBIPHENYL	67.6	30-130
p-TERPHENYL-D14	72.2	30-130

GZA GeoEnvironmental, Inc.
108 South Street
Hopkinton, MA 01748
MA092

EPA Method 8270 Aqueous Method Blank (MB) and Laboratory Control Sample (LCS) Data

Laboratory Control Sample

Date Extracted:	06/15/06
Date Analyzed:	06/22/06
File Name:	L1173

Spike Concentration = 20ug/L	% Recovery	Acceptance Limits	Verdict
naphthalene	58.3	40-140	ok
2-methylnaphthalene	63.3	40-140	ok
acenaphthylene	65.4	40-140	ok
acenaphthene	62.5	40-140	ok
fluorene	65.9	40-140	ok
phenanthrene	67.0	40-140	ok
anthracene	70.5	40-140	ok
fluoranthene	71.6	40-140	ok
pyrene	67.9	40-140	ok
benz [a] anthracene	65.6	40-140	ok
chrysene	62.8	40-140	ok
benzo [b] fluoranthene	64.9	40-140	ok
benzo [k] fluoranthene	66.7	40-140	ok
benzo [a] pyrene	69.4	40-140	ok
indeno [1,2,3-cd] pyrene	75.6	40-140	ok
dibenz [a,h] anthracene	75.7	40-140	ok
benzo [ghi] perylene	75.2	40-140	ok

CAM criteria allows 15% of analytes to exceed criteria.

Surrogates:	Recovery (%)	Acceptance Limits	Verdict
NITROBENZENE-D5	78.2	30-130	ok
2-FLUOROBIPHENYL	78.1	30-130	ok
p-TERPHENYL-D14	75.0	30-130	ok

51 Fremont Street Needham, MA 02494 Tel: 781-455-0003, Fax: 781-455-8336

EST environmental & industrial

CHAIN OF CUSTODY RECORD

Laboratory: GZA 0608-00140

Client	GZA GeoEnvironmental
Address	One Edgewater Drive Norwood, MA 02062
Contact	Russell Parkman
Phone #	781-278-3700 Fax: 781-278-5701
Project Name	Casual Male
Address	555 Turnpike Street Canton, MA
Contact	Donna Connerty tel: 781-828-9300 x2371
Location ID #	Fax:
Description	Fire Water Sampling PO#

MATRIX
1. Wastewater
2. Groundwater
3. Drinking Water
4. Soil
5. Surface Water
6. Other TANK

EST to Invoice: GZA
Lab to Invoice:
Lab Report to: Russell Parkman
Billing Reference: BR Quote

Field ID / Point of Collection	Collection Date	Collection Time	Matrix	# of bottles Type Glass	Plastic	VOA's	Preservation HCL	NaOH	HNO3	H2SO4	MEOH	Other	None	TSS	Total Residual Chlorine	TPH	VOCs 8260B	PAHs 8270	Hexavalent Chromium	T Metals (Cr, Pb,Ni,Fe,Zn)	Trivalent Chromium				Comments:
Tank 1				Per GZA bottle order			Per GZA bottle order							x	x	x	x	x	x	x	x				
Tank 2 WEST	8/16	10:30AM	6	SEE BELOW			SEE BELOW							x	x	x	x	x	x	x	x				
																									1.9 TB (0606) 8/17/06 1150 KG

Turnaround Information
- [x] Std. 10 Day Turnaround
- [ ] 7 Day RUSH
- [ ] 4 Day RUSH
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH

Approved By:

QA/QC

SPECIAL QA/QC or DATA Requirements:

Job # 01.0019124.00 TASK 2

2 x 500mL P unpres. TSS
1 x 250mL P unpres. TRC
1 x 500mL A unpres TPH
1 x 500mL A unpres PAH

3 x VOCs 40mL w/HCL
1 x 500mL P HNO3 METALS
1 x 500mL P HNO3 CHROMIUM
1 x 500mL P unpres. Cr+6

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Date Time:
1 [signature]	8/16/06 11:00AM	1 [signature]	8/16/06 11:45am
2 [signature]		2 BBuracon	8/17/06 1030
3 BBuracon 8/17/06 1130		3 [signature]	8/17/06 1150

Seal # | Preserve where applicable ☐ | On Ice ☐ | Temp.

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

GZA GeoEnvironmental Labs
Attn: Ms. Michelle Mirenda
Engineers and Scientists
106 South Street
Hopkinton, MA 01748

Date Received: 8/17/06
Date Reported: 8/23/06
P.O. #: 8-29215
Work Order #: 0608-14895

DESCRIPTION: GZA FILE# 01.0019124.00 CASUAL MALE - CANTON, MA

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by U.S. EPA approved methodologies and all NELAC requirements were met. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact our customer service department.

Approved By:

Mike Hobin
Data Reporting

enc: Chain of Custody

41 Illinois Avenue, Warwick, RI 02888
Tel: (401) 737-8500 Fax: (401) 738-1970

ACCREDITED IN ACCORDANCE WITH

131 Coolidge Street, Bldg 2, Hudson, MA 01749
Tel: (978) 568-0041 Fax: (978) 568-0078

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

GZA GeoEnvironmental Labs
Date Received: 8/17/06
Work Order #: 0608-14895

Approved by: _____
Data Reporting

Sample # 001
SAMPLE DESCRIPTION: TANK 2 WEST
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 8/16/2006 @ 10:30

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
HEXAVALENT CHROMIUM	0.03	0.02	mg/l	SM3500-CR D	8/17/06	ML
T. SUSPENDED SOLIDS	<2.0	2.0	mg/l	EPA 160.2	8/21/06	KEC
T. RESIDUAL CHLORINE	<0.1	0.1	mg/l	EPA 330.5	8/17/06	ML

WHITE COPY - Original YELLOW COPY - Lab Files PINK COPY - Project Manager

Bial

W.O. # 0608-00140 (for lab use only)

CHAIN-OF-CUSTODY RECORD

Sample I.D.	Date/Time Sampled (Very Important)	Matrix A=Air S=Soil GW=Ground W. SW=Surface W. WW=Waste W. DW=Drinking W. Other (specify)	WW ONLY: Diph. Ethanol	WW ONLY: GC Screen (VOA)	WW ONLY: 624.2 624.2	WW ONLY: 624	WW ONLY: 8260 Direct	WW ONLY: 625	WW ONLY: Formaldehyde	ANALYSIS REQUIRED: 6040	8021	8021 - 10/10" List	8021 - 10/10" List	8270 CP/AS CP/H/H CN/H	8082-PCBs Only	8081 - Pest Only	TPH-GC (Mod. 8100)	TPH-GC w/FRACS	EPH (MA DEP)	VPH (MA DEP)	TCLP (Spec. Below)	Filtering (>5 impacted)	Metals (10/20 Below)	Metals (1/20 Below)	Hex-Chrom	TSS	Total Residual Chlorine	Total # of Cont.	Note #
TANK 2 West	8/16/06 1030	Tank water																							✓	✓	✓	4	0
PRESERVATIVE (Cl - HCl, M=MeOH, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*																									-	-	-		
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)*																									P	P	P		

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Nobel	8/16/06 1530	George Talbot 8-17-06 16:00
RELINQUISHED BY: George Talbot	DATE/TIME 8/17/06 16:30	RECEIVED BY: EASTERN CONNECTION
RELINQUISHED BY: EASTERN CONNECTION	DATE/TIME 8/17/06 1830	RECEIVED BY: [illegible]

NOTES: Preservatives, special reporting limits, known contamination, additional testing parameters, etc.:

OK to run Hex-Chrom out of holdtime 8/17 JG

Report Method Blank and Laboratory Control Sample Results

PROJECT MANAGER: Michelle Miranda EXT. 4710

DATA REPORT ☑ PDF (Adobe) ☐ ASCII ☐ EXCEL Specify State _____

TURNAROUND TIME: (Standard) Rush ___ Days, Approved by: _____

LAB USE: TEMP. OF COOLER _____ °C

GZA FILE NO: 01.0019124.00 P.O. NO. 8-29215

PROJECT Casual Male

LOCATION Canton, MA

COLLECTOR(S) _____ SHEET 1 OF 1

GZA GEOENVIRONMENTAL, INC.
ENGINEERS AND SCIENTISTS
106 South Street
Hopkinton, MA 01748
(508) 435-9244
FAX (508) 435-9912

0608-148095

GZAP003

R.I. Analytical

Specialists in Environmental Services

CERTIFICATE OF ANALYSIS

GZA GeoEnvironmental Labs
Attn: Ms. Michelle Mirenda
Engineers and Scientists
106 South Street
Hopkinton, MA 01748

Date Received: 8/18/06
Date Reported: 8/24/06
P.O. #: 8-29215
Work Order #: 0608-15027

DESCRIPTION: GZA FILE# 01.0019124.00 CASUAL MALE - CANTON, MA

Subject sample(s) has/have been analyzed by our Warwick, R.I. laboratory with the attached results.

Reference: All parameters were analyzed by U.S. EPA approved methodologies and all NELAC requirements were met. The specific methodologies are listed in the methods column of the Certificate Of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

Certification #: RI-033, MA-RI015, CT-PH-0508, ME-RI015
NH-253700 A & B, USDA S-41844, NY-11726

If you have any questions regarding this work, or if we may be of further assistance, please contact our customer service department.

Approved by:

Mike Hobin
Data Reporting

enc: Chain of Custody

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Tel: (401) 737-8500 Fax: (401) 738-1970

131 Coolidge Street, Bldg 2, Hudson, MA 01749
Tel: (978) 568-0041 Fax: (978) 568-0078

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

GZA GeoEnvironmental Labs
Date Received: 8/18/06
Work Order #: 0608-15027

Approved by: Data Reporting

Sample # 001
SAMPLE DESCRIPTION: TANK 2 - WEST
SAMPLE TYPE: GRAB **SAMPLE DATE/TIME:** 8/16/2006 @ 10:30

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE ANALYZED	ANALYST
TPH	4.2	0.5	mg/l	EPA 1664	8/22/06	JD

WHITE COPY - Original YELLOW COPY - Lab Files PINK COPY - Project Manager

CHAIN-OF-CUSTODY RECORD

Kial

W.O. # 0608-00140 (for lab use only)

Sample I.D.	Date/Time Sampled (Very Important)	Matrix A=Air S=Soil GW=Ground W. SW=Surface W. WW=Waste W. DW=Drinking W. Other (specify)	Other	GC Screen (VOA)	624/8260	WW ONLY: BOD	TSS	Formaldehyde	8260	8021	8021 - "8010" List	8021 - "8020" List	8270 (SIM CPAH 1200)	8082-PCBs Only	8081 - Pest Only	TPH-GC (Mod. 8100)	TPH-GC w/Fing	EPH (MA DEP)	VPH (MA DEP)	TCLP (Meas. Below)	Filtering (✓ if required)	Metals (CRPH-33 CP 9-6)	Metals (List Below)	TPH				Total # of Cont.	Note #
Tank 2 - West	8/18/06 1030	Tankwater																						✓				1	①
PRESERVATIVE (Cl - HCl, M=MeOH, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*																								S					
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)*																								G					

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature] 8/18/06	1145	[signature] 8-18-06 13:50
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature] 8-18-06	14:30	EASTERN CONNECTION
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
EASTERN CONNECTION	8/18/06 19:00	[signature]

NOTES: Preservatives, special reporting limits, known contamination, additional testing parameters, etc.:

① TPH via Method 1664 / Preserved 8/18 pm by LG

Report Method Blank and Laboratory Control Sample Results

PROJECT MANAGER: Michelle Miranda EXT. 4710

DATA REPORT ☑ PDF (Adobe) ☐ ASCII ☐ EXCEL Specify Style _____

TURNAROUND TIME: (Standard) Rush ___ Days, Approved by: _____

LAB USE: TEMP. OF COOLER _____ °C

GZA FILE NO: 01.0019124.00 P.O. NO. 8-29215

PROJECT ~~Adv~~ Casual Male

LOCATION Canton, MA

COLLECTOR(S) _____ SHEET 1 OF 1

GZA GEOENVIRONMENTAL, INC.
ENGINEERS AND SCIENTISTS
106 South Street
Hopkinton, MA 01748
(508) 435-9244
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GZAP003