Resource Controls
Proven Environmental & Engineering Solutions

March 26, 2009

3/30/09 received
MAG 910407

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

SUBJECT: 398 Route 44 Investment Trust
386-398 Route 44
Raynham, Massachusetts
RTN 4-0014712

To Whom it May Concern:

On behalf of 398 Route 44 Investment Trust, Resource Control Associates, Inc. (Resource Controls) is seeking coverage under the United States Environmental Protection Agency's (U.S. EPA) National Pollutant Discharge Elimination System (NPDES) Remediation General Permit (RGP) for treated groundwater discharge from the 398 Route 44 Investment Trust property located at 396-398 Route 44 in Raynham, Massachusetts (herein after referred to as the "Site"). The purpose of this letter is to serve as a permit application and cover letter for the Notice of Intent (NOI) included as Attachment A.

In accordance with the instructions set forth in Appendix V of the Remediation General Permit (RGP), general facility/site information is included in Section 1 of the NOI. A Locus Map illustrating the location of the Site relative to regional features is included as Figure 1. Discharge information is included in Section 2 of the NOI, and a Site Plan depicting the single outfall location and treatment process flow is included as Figure 2.

Contaminant information is included in Section 3 of the NOI, and recent laboratory analytical results for all parameters listed in Appendix III of the RGP are included in Attachment B. An influent sample of the groundwater was collected from MW-5 on February 11, 2009 to achieve a representative sample of the overall groundwater characteristics to be treated from within the excavation area.

Based on the analytical results and prior investigations conducted at the Site, volatile organic compounds (VOCs) are the primary contaminants known to be present at the Site. As such, the potential discharge was determined to fall within the "VOC Sites Containing Other Contaminants" category under the RGP. Treatment system information is included in Section 4 of the NOI, and can be summarized as follows:

- Groundwater will be pumped into one or more fractionation tanks where it will be allowed to settle for a period of time which will be determined by the rate of groundwater intrusion and the volume of the fractionation tanks.
- From the fractionation tanks, treatment process water will then be pumped through a bag filter unit with 25 micron filter media where suspended solids and metals are removed.
- Next the treatment process water will pass through granular activated carbon where the petroleum related compounds are recovered.

- Based on effluent monitoring, a second round of suspended solid filtration through a bag filter may be necessary.
- Finally, the treatment system will discharge via a flexible hose to the Dam Lot Brook. Receiving water information is included in Section 5 of the NOI.

The US Environmental Protection Agency (USEPA) is seeking to ensure that wastewater discharges under the RGP do not adversely affect endangered and threatened species, critical habitat, and/or essential fish habitat. As required under Part I.B.5 of the RGP, all applicants must comply with Appendix VII, Section I, regarding consultation with federal services on endangered species issues. As such, Resource Controls requested any available information regarding the presence of endangered or threatened species, critical habitat, and/or essential fish habitat in the proximity of the Site and a determination as to whether the Site discharge and related activities are likely to adversely affect these species and/or habitats through an informal consultation with the US Fish and Wildlife Service and the National Marine Fisheries Service under Section 7 of the Endangered Species Act. Copies of the letters documenting these requests are included in Attachment C. In addition, Resource Controls reviewed the Massachusetts Geographic Information System (MassGIS) Natural Heritage and Endangered Species (NHESP) data layer dated February 2009. According to the NHESP data layer, no Estimated Habitat for Rare Wildlife in Wetlands areas are located within 0.5 miles of the discharge point.

In accordance with Appendix VII of the RGP, Resource Controls reviewed the National Register of Historic Places website and the Massachusetts Cultural Resource Information System (MARCIS) database to determine whether historic properties are located near the discharge. None of the historic properties identified within a 0.5 mile radius were located within the Site's proposed discharge path or excavation area.

Thank you very much for your consideration. If you have any questions, please contact the undersigned at your convenience.

Very truly yours,

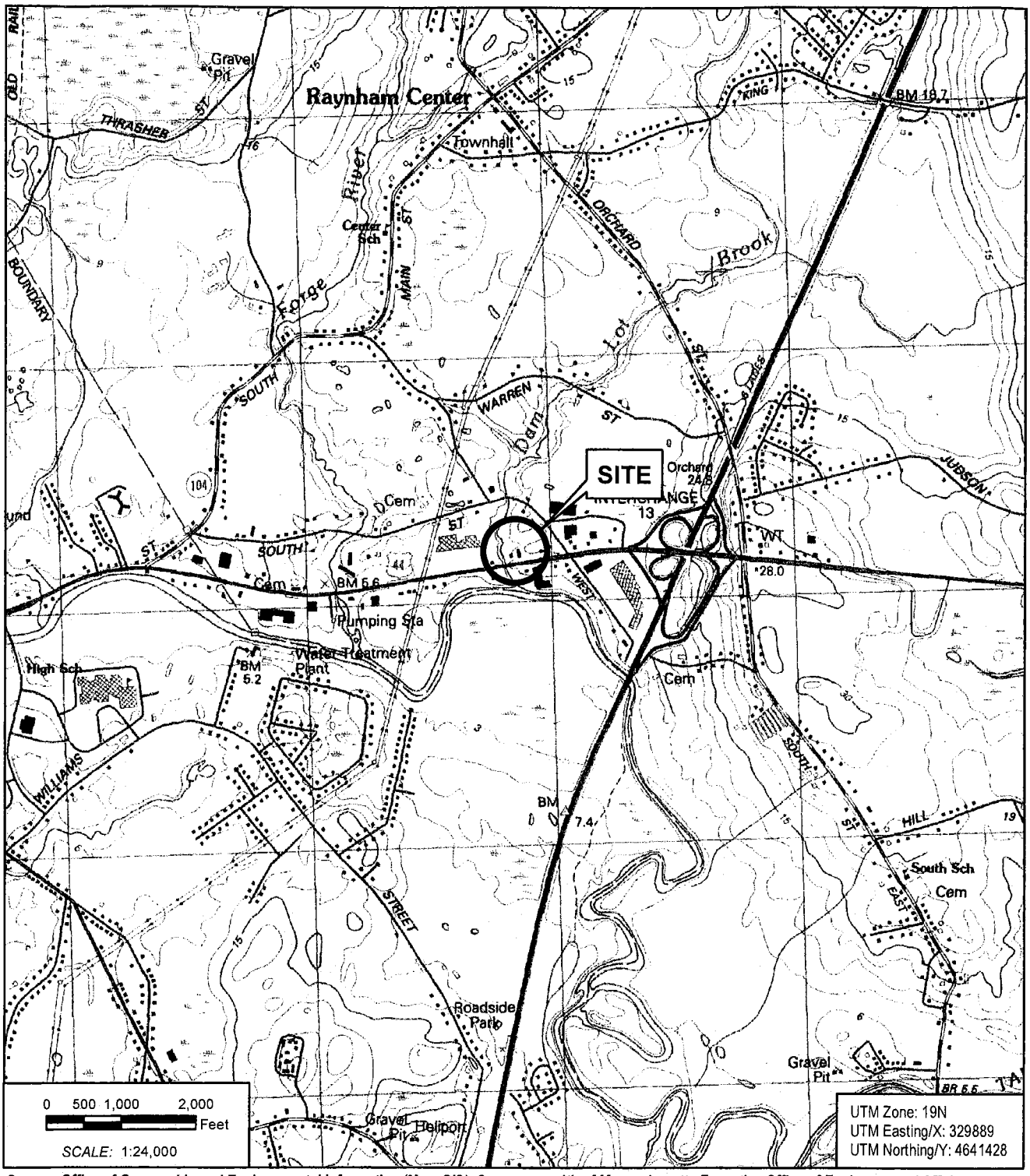
RESOURCE CONTROL ASSOCIATES, INC.

Robert C. Atwood, P.E., LSP
President and CEO

Enclosures: Figure 1: USGS Topographic Locus Map
Figure 2: Site Plan
Attachment A: NPDES RGP NOI
Attachment B: Laboratory Analytical Data
Attachment C: Copies of Required Agency Correspondence

cc: Massachusetts Dept. of Environmental Protection, Southeast Regional Office
398 Route 44 Investment Trust

SEE:jk:lap



Source: Office of Geographic and Environmental Information (MassGIS), Commonwealth of Massachusetts Executive Office of Environmental Affairs
1987 USGS Topographic Map - Taunton, Massachusetts Quadrangle

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LOCUS MAP

386 ROUTE 44
RAYNHAM, MASSACHUSETTS

DRAWN BY	PROJECT	PRINT DATE	FIGURE
JVF	A6419A	03/06/2009	1

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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**: 398 Route 44 Investment Trust		**Facility/site** address:		
Location of **facility/site**: longitude: -71.051 latitude: 41.906	Facility SIC code(s): Not applicable	Street: 386-398 Route 44		
b) Name of **facility/site owner:** 398 Route 44 Investment Trust		Town: Raynham		
Email address of owner: Not applicable		State: MA	Zip: 02767-1418	Co Br
Telephone no.of facility/site **owner**: (617) 472-5151				
Fax no. of facility/site **owner**: Not applicable		**Owner** is (check one): 1. Federal___ 2. State/Tribal___ 3. Private ✓ 4. other, if so, describe: Mr. Dennis		
Address of **owner** (if different from site): Mr. Dennis Cody, Trustee				
Street: One Pine Hill Drive, Batterymarch Park II, 5th Floor				
Town: Quincy	State: MA	Zip: 02069	County: Norfolk	
c) Legal name of **operator**: Resource Control Associates, Inc.		**Operator** telephone no: (401) 728-6860		
		Operator fax no.: (401) 727-1849	**Operator** email: ratwood	
Operator contact name and title: Mr. Robert C. Atwood, PE, LSP, President and CEO				
Address of **operator** (if different from owner):	Street: 474 Broadway			
Town: Pawtucket	State: RI	Zip: 02860	County: Providence	

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 4-14712 2. permit or license # assigned: 3. state agency contact information: name, location, and telephone number: DEP-SERO 20 Riverside Drive Lakeville, MA 02347 508.946.2700	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:
Operation and maintenance of a construction dewatering treatment system.

b) Provide the following information about each discharge:	1) Number of discharge points: One (1)	2) What is the **maximum** and **average flow rate** of discharge (in cubic feet per second, ft3/s)? Max. flow 0.446 Average flow _____ 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. Design maximum flow is 200 gallons per minute, average flow will be approximately 100 gpm.

3) Latitude and longitude of each discharge within 100 feet: pt.1:long. -71.05 lat. 41.91; 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):	5) Is the discharge intermittent Yes or seasonal No ? Is discharge ongoing Yes ___ No ✓ ?

c) Expected dates of discharge (mm/dd/yy): start 04/01/2009 end 09/01/2009

d) Please attach a line drawing or flow schematic showing water flow through the facility including: See Figure 2, attached.
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	SM 2540 D	8,400 ug/l	NA	NA	222,000	241.98
2. Total Residual Chlorine		✓	1	Grab	SM 4500- Cl G	200 ug/l	NA	NA	800	0.872
3. Total Petroleum Hydrocarbons		✓	1	Grab	MOD 8015	1,000 ug/l	NA	NA	12,500	13.63
4. Cyanide	✓		1	Grab	SM 4500 CN	10 ug/l	NA	NA	< 10	NA
5. Benzene		✓	1	Grab	EPA 8260B	20 ug/l	NA	NA	1680	1.83
6. Toluene	✓		1	Grab	EPA 8260B	20 ug/l	NA	NA	< 20	NA
7. Ethylbenzene	✓		1	Grab	EPA 8260B	20 ug/l	NA	NA	< 20	NA
8. (m,p,o) Xylenes	✓		1	Grab	EPA 8260B	20 ug/l	NA	NA	< 20	NA
9. Total BTEX[4]		✓	1	Grab	EPA 8260B	20 ug/l	NA	NA	1680	1.83

[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 [5] (1,2- Dibromo-methane)	✓		1	Grab	EPA 8260B	10 ug/l	NA	NA	< 10	NA
11. Methyl-tert-Butyl Ether (MtBE)	✓		1	Grab	EPA 8260B	20 ug/l	NA	NA	< 20	NA
12. tert-Butyl Alcohol (TBA)	✓		1	Grab	EPA 8260B	25 ug/l	NA	NA	< 25	NA
13. tert-Amyl Methyl Ether (TAME)	✓		1	Grab	EPA 8260B	0.5 ug/l	NA	NA	< 0.5	NA
14. Naphthalene		✓	1	Grab	EPA 8260B	40 ug/l	NA	NA	5360	5.84
15. Carbon Tetra-chloride	✓		1	Grab	EPA 8260B	20 ug/l	NA	NA	< 20	NA
16. 1,4 Dichlorobenzene		✓	1	Grab	EPA 8260B	20 ug/l	NA	NA	3320	3.62
17. 1,2 Dichlorobenzene		✓	1	Grab	EPA 8260B	20 ug/l	NA	NA	120	0.131
18. 1,3 Dichlorobenzene		✓	1	Grab	EPA 8260B	20 ug/l	NA	NA	271	0.295
19. 1,1 Dichloroethane	✓		1	Grab	EPA 8260B	20 ug/l	NA	NA	< 20	NA
20. 1,2 Dichloroethane	✓		1	Grab	EPA 8260B	20 ug/l	NA	NA	< 20	NA
21. 1,1 Dichloroethylene	✓		1	Grab	EPA 8260B	20 ug/l	NA	NA	< 20	NA
22. cis-1,2 Dichloro-ethylene	✓		1	Grab	EPA 8260B	20 ug/l	NA	NA	< 20	NA
23. Dichloromethane (Methylene Chloride)	✓		1	Grab	EPA 8260B	100 ug/l	NA	NA	< 100	NA
24. Tetrachloroethylene	✓		1	Grab	EPA 8260B	20 ug/l	NA	NA	< 20	NA

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

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	EPA 8260B	20 ug/l	NA	NA	< 20	NA
26. 1,1,2 Trichloroethane	✓		1	Grab	EPA 8260B	20 ug/l	NA	NA	< 20	NA
27. Trichloroethylene	✓		1	Grab	EPA 8260B	20 ug/l	NA	NA	< 20	NA
28. Vinyl Chloride	✓		1	Grab	EPA 8260B	40 ug/l	NA	NA	< 40	NA
29. Acetone	✓		1	Grab	EPA 8260B	1000 ug/l	NA	NA	< 1000	NA
30. 1,4 Dioxane	✓		1	Grab	EPA 8260B	1000 ug/l	NA	NA	< 1000	NA
31. Total Phenols	✓		1	Grab	EPA 8270C	200 ug/l	NA	NA	< 200	NA
32. Pentachlorophenol	✓		1	Grab	EPA 8270C	5 ug/l	NA	NA	< 5	NA
33. Total Phthalates [6] (Phthalate esthers)		✓	1	Grab	EPA 8270C	100 ug/l	NA	NA	10.5	0.114
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]		✓	1	Grab	EPA 8270C	5 ug/l	NA	NA	10.5	0.114
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	✓		1	Grab	EPA 8270C	1 ug/l	NA	NA	< 1	NA
a. Benzo(a) Anthracene	✓		1	Grab	EPA 8270C	1 ug/l	NA	NA	< 1	NA
b. Benzo(a) Pyrene	✓		1	Grab	EPA 8270C	1 ug/l	NA	NA	< 1	NA
c. Benzo(b)Fluoranthene	✓		1	Grab	EPA 8270C	1 ug/l	NA	NA	< 1	NA
d. Benzo(k) Fluoranthene	✓		1	Grab	EPA 8270C	1 ug/l	NA	NA	< 1	NA
e. Chrysene	✓		1	Grab	EPA 8270C	1 ug/l	NA	NA	< 1	NA

* Indicates an estimated value detected below the reporting limit for the analyte.

[6] 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	EPA 8270C	1 ug/L	NA	NA	< 1	NA
g. Indeno(1,2,3-cd) Pyrene	✓		1	Grab	EPA 8270C	1 ug/L	NA	NA	< 1	NA
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	✓		1	Grab	EPA 8270C	5 ug/l	NA	NA	< 5	NA
h. Acenaphthene	✓		1	Grab	EPA 8270C	1.5 ug/l	NA	NA	< 1.5	NA
i. Acenaphthylene	✓		1	Grab	EPA 8270C	1.5 ug/l	NA	NA	< 1.5	NA
j. Anthracene	✓		1	Grab	EPA 8270C	1 ug/l	NA	NA	< 1	NA
k. Benzo(ghi) Perylene	✓		1	Grab	EPA 8270C	2.5 ug/L	NA	NA	< 2.5	NA
l. Fluoranthene	✓		1	Grab	EPA 8270C	2.5 ug/L	NA	NA	< 2.5	NA
m. Fluorene	✓		1	Grab	EPA 8270C	5 ug/L	NA	NA	< 5	NA
n. Naphthalene-	✓		1	Grab	EPA 8270C	5 ug/L	NA	NA	< 5	NA
o. Phenanthrene	✓		1	Grab	EPA 8270C	0.25 ug/l	NA	NA	< 0.25	NA
p. Pyrene	✓		1	Grab	EPA 8270C	5 ug/l	NA	NA	< 5	NA
37. Total Polychlorinated Biphenyls (PCBs)	✓		1	Grab	EPA 608	0.2 ug/l	NA	NA	< 0.2	NA
38. Antimony	✓		1	Grab	EPA 7041	1.5 ug/l	NA	NA	< 1.5	NA
39. Arsenic	✓		1	Grab	EPA 6010B	5 ug/l	NA	NA	< 5	NA
40. Cadmium	✓		1	Grab	EPA 6010B	2.5 ug/l	NA	NA	< 2.5	NA
41. Chromium (TOTAL)	✓		1	Grab	EPA 6010B	5 ug/l	NA	NA	< 5	NA
42. Chromium VI	✓		1	Grab	EPA 7196A	4 ug/l	NA	NA	< 4	NA

* Indicates an estimated value detected below the reporting limit for the analyte.

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		✓	1	Grab	EPA 6010B	5 ug/l	1270	1.38	1270	1.38
44. Lead		✓	1	Grab	EPA 7421	7.5 ug/l	27.4	0.0298	27.4	0.0298
45. Mercury		✓	1	Grab	EPA 7470A	0.01 ug/l	0.23	0.00025	0.23	0.00025
46. Nickel	✓		1	Grab	EPA 6010B	5 ug/l	NA	NA	< 5	NA
47. Selenium	✓		1	Grab	EPA 7740	5 ug/l	NA	NA	< 5	NA
48. Silver	✓		1	Grab	EPA 6010B	5 ug/l	NA	NA	< 5	NA
49. Zinc		✓	1	Grab	EPA 6010B	10 ug/l	487	0.531	< 10	NA
50. Iron		✓	1	Grab	EPA 6010B	30 ug/l	89,600	97.67	< 30	NA
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? Copper, iron, lead, mercury, zinc
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: Copper, iron, lead, mercury, zinc DF: 1.218	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: Copper, iron, lead, mercury, zinc

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:
See Figure 2 (Site Plan)

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 100 Maximum flow rate of treatment system 200 Design flow rate of treatment system 200

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:
Flexile hose running directly from the treatment system into the Dam Lot Brook approximately 25 feet downstream of the southern extent of the excavation.

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 GW-2,

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water 0.0972 cfs
Please attach any calculation sheets used to support stream flow and dilution calculations. (0.446 + 0.0972) / 0.446 = 1.218

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.

Figure 1 - USGS Topographic Locus Map
Figure 2 - Site Plan
Attachment B - Laboratory Analytical Report
Attachment C - Copies of Agency Correspondence

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: 398 Route 44 Investment Trust

Operator signature: Robert C. Alward

Title: PE, LSP, President and CEO of Resource Control Associates, Inc.

Date: 3/25/09.

con-test®
ANALYTICAL LABORATORY

39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 2/18/2009

RESOURCE CONTROL ASSOCIATES - RI
474 BROADWAY
PAWTUCKET, RI 02860
ATTN: JESSE KRAWIEC

CONTRACT NUMBER:
PURCHASE ORDER NUMBER: 107

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23203
JOB NUMBER: A6419A

PROJECT LOCATION: 398 ROUTE 44, RAYNHAM, MA.

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	Subcontract Lab (if any) Cert. Nos.
MW-5	09B03882	GRND WATER	Not Specified	8082 water	
MW-5	09B03882	GRND WATER	Not Specified	8260 water	
MW-5	09B03882	GRND WATER	Not Specified	8270 h2o low	
MW-5	09B03882	GRND WATER	Not Specified	ag (mg/l) furn	
MW-5	09B03882	GRND WATER	Not Specified	as (mg/l) icp	
MW-5	09B03882	GRND WATER	Not Specified	cd (mg/l) icp	
MW-5	09B03882	GRND WATER	Not Specified	chlorine tot res	
MW-5	09B03882	GRND WATER	Not Specified	chromium (+6)	
MW-5	09B03882	GRND WATER	Not Specified	cr (mg/l) icp	
MW-5	09B03882	GRND WATER	Not Specified	cu (mg/l) icp	
MW-5	09B03882	GRND WATER	Not Specified	cyanide-total	
MW-5	09B03882	GRND WATER	Not Specified	fe (mg/l) icp	
MW-5	09B03882	GRND WATER	Not Specified	hg (mg/l) wet	
MW-5	09B03882	GRND WATER	Not Specified	ni (mg/l) icp	
MW-5	09B03882	GRND WATER	Not Specified	pb (mg/l) icp	
MW-5	09B03882	GRND WATER	Not Specified	ph	
MW-5	09B03882	GRND WATER	Not Specified	sb (mg/l) furn	
MW-5	09B03882	GRND WATER	Not Specified	se (mg/l) furn	
MW-5	09B03882	GRND WATER	Not Specified	tph gc water	
MW-5	09B03882	GRND WATER	Not Specified	tss	
MW-5	09B03882	GRND WATER	Not Specified	wet special test	
MW-5	09B03882	GRND WATER	Not Specified	zn (mg/l) icp	

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ANALYTICAL LABORATORY

39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 2/18/2009

RESOURCE CONTROL ASSOCIATES - RI
474 BROADWAY
PAWTUCKET, RI 02860
ATTN: JESSE KRAWIEC

CONTRACT NUMBER:
PURCHASE ORDER NUMBER: 107

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23203
JOB NUMBER: A6419A

Comments :

LIMS BATCH NO. : LIMT-23203

CASE NARRATIVE SUMMARY

Recommended sample holding times were not exceeded for all samples unless listed below:
None Exceeded

All samples for the method(s) listed were received preserved properly in the proper containers at 4°C +/- 2 degrees as specified on the chain-of-custody form unless listed below:
All properly preserved

In method 8260, initial and/or continuing calibration did not meet method specifications. For sample 09B03882, 1,4-Dioxane was calibrated with a relative response factor <0.05.

In method 8260, any reported result for Naphthalene, 1,2,3-Trichlorobenzene, and 1,2,4-Trichlorobenzene in sample 09B03882 is estimated and likely to be biased on the low side based on continuing calibration bias.

In method 6010, the requested reporting limit for Cadmium is not met. Cadmium is reported at 0.0025 mg/L.

In method 8270, initial and/or continuing calibration did not meet method specifications. For sample(s) 09B03882, Pentachloronitrobenzene was calibrated with a relative response factor < 0.05.

In method 8270, any reported result for Benzoic acid, Benzidine or 4-Nitrophenol in sample 09B03882 is estimated and likely to be biased on the low side based on continuing calibration bias.

In method 8270, laboratory fortified blank duplicate (laboratory control sample) RPD for 4-Chloroaniline, Diethylphthalate, 2,4-Dinitrotoluene, 2-Nitroaniline, 3-Nitroaniline, 4-Chloro-3-methylphenol, 2,4,5-Trichlorophenol or 4-Nitroaniline in sample 09B03882 is outside of control limits. Reduced precision is anticipated for any reported results for these compound(s) in this sample.

There are no other analytical issues which affect the usability of the data.

DETAILED CASE NARRATIVE

METHOD SW846-7196A - ADDITIONAL DETAILS

A matrix spike and a matrix spike duplicate were performed on sample 09B03882.

METHOD SW846-6010 - ADDITIONAL DETAILS

Sample duplicate and ms performed on sample 09B03882.
The duplicate results are not reported for As, Cd, Cr, and Ni due to non detect sample and duplicate results.
The ms recovery is outside control limits for Iron. Sample to spike ratio >4:1, therefore a representative recovery may not be obtainable. Analysis in control.
Only As, Cd, Cr, Cu, Fe, Ni, Pb, and Zn results were requested and reported.

METHOD SW846 8260 - ADDITIONAL DETAILS

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ATTN: JESSE KRAWIEC

CONTRACT NUMBER:
PURCHASE ORDER NUMBER: 107

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23203
JOB NUMBER: A6419A

All 8260 samples were analyzed undiluted unless specified below:

Sample	Dilution(s)
09B03882	x500 and x20

In method 8260, for Bromomethane in sample 09B03882, data is not affected by continuing calibration non-conformance since bias is on the high side and all results are "not detected".

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for "difficult analytes" where recovery control limits somewhere between 40-160% are used and/or unless otherwise listed in this narrative.

Difficult analytes: MIBK, MEK, tert-butyl alcohol, acetone, 1,4-dioxane, vinyl chloride, chloromethane, dichlorodifluoromethane, 2-hexanone, naphthalene, and bromomethane
Additional difficult analytes in water only: 2,2-dichloropropane and tetrachloroethylene
Additional difficult analytes in soil only: acrylonitrile, 1,2,3-trichloropropane, methylene chloride, n-butylbenzene, and tert-butylbenzene

Duplicate laboratory fortified blank RPDs were all within control limits specified by the method except for "difficult analytes" where RPDs of 50% are used and/or unless otherwise listed in this narrative.

Difficult analyte: 1,4-dioxane
Compounds outside of control limits:

In method 8260, either laboratory fortified blank (laboratory control sample) or duplicate recovery is outside control limits for 1,2,3-Trichlorobenzene, but the other is within limits. Analysis is in control.

METHOD SW846-7000 FURNACE AA - ADDITIONAL COMMENTS
Silver - 7761, Antimony - 7041, Selenium - 7741

Sample duplicate, ms and post spike performed on sample 09B03882. The duplicate results are not reported for all elements due to non detect sample and duplicate results.

METHOD SW846-9014 - ADDITIONAL DETAILS

A matrix spike and a matrix spike duplicate were performed on sample 09B03882.

METHOD SW846 8270 - ADDITIONAL DETAILS

All 8270 samples were analyzed undiluted unless specified below:

Sample	Dilution(s)
09B03882	5x,50x

Laboratory control sample recoveries for required MCP Data Enhancement 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for "difficult analytes" listed below and/or otherwise listed in this narrative.

Difficult analytes for water LCS - limits between 10 and 150% depending on the compound (see QC summary report for limits): benzoic acid, dimethylphthalate, bis(2-chloroisopropyl)ether, hexachlorocyclopentadiene, pyridine, 4-nitrophenol, and phenol.

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ATTN: JESSE KRAWIEC

CONTRACT NUMBER:
PURCHASE ORDER NUMBER: 107

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-23203
JOB NUMBER: A6419A

Duplicate laboratory fortified blank RPDs were all less than or equal to 20% for water or 30% for soil except for "difficult analytes" where RPDs of 50% are used and/or otherwise listed below or elsewhere in this narrative.

Difficult analytes for water RPDs: aniline, benzoic acid, benzo(a,h)anthracene, dimethylphthalate, hexachlorocyclopentadiene, hexachloroethane, indeno(1,2,3-cd)pyrene, 4,6-dinitro-2-methylphenol, 2,4-dinitrophenol, 4-nitrophenol, 2,4,6-trichlorophenol, pentachlorophenol, and pyridine.
Compounds outside of control limits:

In method 8270, either laboratory fortified blank (laboratory control sample) or duplicate recovery is outside control limits for 4-Chloroaniline, 3,3-Dichlorobenzidine and 4-Nitroaniline, but the other is within limits. Analysis is in control.

The results of analyses performed are based on samples as submitted to the laboratory and relate only to the items collected and tested.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. # 652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

2/18/09

SIGNATURE DATE

Tod Kopyscinski
Air Laboratory Manager

Michael Erickson
Assistant Laboratory Director

Edward Denson
Technical Director

Daren Damboragian
Organics Department Supervisor

* See end of data tabulation for notes and comments pertaining to this sample

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JESSE KRAWIEC
RESOURCE CONTROL ASSOCIATES - RI
474 BROADWAY
PAWTUCKET, RI 02860

2/18/2009

Purchase Order No.: 107

Project Location: 398 ROUTE 44, RAYNHAM, MA.
Date Received: 2/11/2009
Field Sample # : MW-5

LIMS-BAT #: LIMT-23203
Job Number: A6419A

Sample ID : 09B03882

‡Sampled : 2/11/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
PCB 1016	ug/l	ND	02/17/09	JB	0.20			
PCB-1221	ug/l	ND	02/17/09	JB	0.20			
PCB-1232	ug/l	ND	02/17/09	JB	0.20			
PCB-1242	ug/l	ND	02/17/09	JB	0.20			
PCB-1248	ug/l	ND	02/17/09	JB	0.20			
PCB-1254	ug/l	ND	02/17/09	JB	0.20			
PCB-1260	ug/l	ND	02/17/09	JB	0.20			
PCB 1262	ug/l	ND	02/17/09	JB	0.20			
PCB 1268	ug/l	ND	02/17/09	JB	0.20			
Extraction Date 608/8081/8082		2/13/2009	02/17/09	JB				

Analytical Method:
SW846 8082
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE BY LIQUID/LIQUID EXTRACTION METHOD SW846 3510C, SOLVENT EXCHANGED WITH HEXANE, CONCENTRATED BY KUDERNA-DANISH OR TURBOVAP EVAPORATIVE METHODS, AND ANALYZED BY GAS CHROMATOGRAPHY WITH ELECTRON CAPTURE DETECTION.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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PAWTUCKET, RI 02860

2/18/2009

Purchase Order No.: 107

Project Location: 398 ROUTE 44, RAYNHAM, MA.
Date Received: 2/11/2009
Field Sample # : MW-5
Sample ID : 09B03882
‡Sampled : 2/11/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	02/13/09	EH	1000			
Acrylonitrile	ug/l	ND	02/13/09	EH	100			
tert-Amylmethyl Ether	ug/l	ND	02/13/09	EH	10.0			
Benzene	ug/l	1680	02/13/09	EH	20.0			
Bromobenzene	ug/l	ND	02/13/09	EH	20.0			
Bromochloromethane	ug/l	ND	02/13/09	EH	20.0			
Bromodichloromethane	ug/l	ND	02/13/09	EH	20.0			
Bromoform	ug/l	ND	02/13/09	EH	20.0			
Bromomethane	ug/l	ND	02/13/09	EH	40.0			
2-Butanone (MEK)	ug/l	ND	02/13/09	EH	400			
tert-Butyl Alcohol	ug/l	ND	02/13/09	EH	400			
n-Butylbenzene	ug/l	ND	02/13/09	EH	20.0			
sec-Butylbenzene	ug/l	ND	02/13/09	EH	20.0			
tert-Butylbenzene	ug/l	ND	02/13/09	EH	20.0			
tert-Butylethyl Ether	ug/l	ND	02/13/09	EH	10.0	0	0	P
Carbon Disulfide	ug/l	ND	02/13/09	EH	60.0			
Carbon Tetrachloride	ug/l	ND	02/13/09	EH	20.0			
Chlorobenzene	ug/l	13400	02/13/09	EH	20.0			
Chlorodibromomethane	ug/l	ND	02/13/09	EH	10.0			
Chloroethane	ug/l	ND	02/13/09	EH	40.0			
Chloroform	ug/l	ND	02/13/09	EH	40.0			
Chloromethane	ug/l	ND	02/13/09	EH	40.0			
2-Chlorotoluene	ug/l	ND	02/13/09	EH	20.0			
4-Chlorotoluene	ug/l	ND	02/13/09	EH	20.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	02/13/09	EH	100			
1,2-Dibromoethane	ug/l	ND	02/13/09	EH	10.0			
Dibromomethane	ug/l	ND	02/13/09	EH	20.0			
1,2-Dichlorobenzene	ug/l	120	02/13/09	EH	20.0			
1,3-Dichlorobenzene	ug/l	271	02/13/09	EH	20.0			

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JESSE KRAWIEC
RESOURCE CONTROL ASSOCIATES - RI
474 BROADWAY
PAWTUCKET, RI 02860

2/18/2009

Purchase Order No.: 107

Project Location: 398 ROUTE 44, RAYNHAM, MA.
Date Received: 2/11/2009
Field Sample # : MW-5

LIMS-BAT #: LIMT-23203
Job Number: A6419A

Sample ID : 09B03882

‡Sampled : 2/11/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	3320	02/13/09	EH	20.0			
trans-1,4-Dichloro-2-Butene	ug/l	ND	02/13/09	EH	100			
Dichlorodifluoromethane	ug/l	ND	02/13/09	EH	40.0			
1,1-Dichloroethane	ug/l	ND	02/13/09	EH	20.0			
1,2-Dichloroethane	ug/l	ND	02/13/09	EH	20.0			
1,1-Dichloroethylene	ug/l	ND	02/13/09	EH	20.0			
cis-1,2-Dichloroethylene	ug/l	ND	02/13/09	EH	20.0			
trans-1,2-Dichloroethylene	ug/l	ND	02/13/09	EH	20.0			
1,2-Dichloropropane	ug/l	ND	02/13/09	EH	20.0			
1,3-Dichloropropane	ug/l	ND	02/13/09	EH	20.0			
2,2-Dichloropropane	ug/l	ND	02/13/09	EH	20.0			
1,1-Dichloropropene	ug/l	ND	02/13/09	EH	40.0			
cis-1,3-Dichloropropene	ug/l	ND	02/13/09	EH	10.0			
trans-1,3-Dichloropropene	ug/l	ND	02/13/09	EH	10.0			
Diethyl Ether	ug/l	ND	02/13/09	EH	40.0			
Diisopropyl Ether	ug/l	ND	02/13/09	EH	10.0			
1,4-Dioxane	ug/l	ND	02/13/09	EH	1000			
Ethyl Benzene	ug/l	ND	02/13/09	EH	20.0			
Hexachlorobutadiene	ug/l	ND	02/13/09	EH	20.0			
2-Hexanone	ug/l	ND	02/13/09	EH	1000			
Isopropylbenzene	ug/l	ND	02/13/09	EH	20.0			
p-Isopropyltoluene	ug/l	ND	02/13/09	EH	20.0			
MTBE	ug/l	ND	02/13/09	EH	20.0			
Methylene Chloride	ug/l	ND	02/13/09	EH	100			
MIBK	ug/l	ND	02/13/09	EH	200			
Naphthalene	ug/l	5360	02/13/09	EH	40.0			
n-Propylbenzene	ug/l	ND	02/13/09	EH	20.0			
Styrene	ug/l	ND	02/13/09	EH	20.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	02/13/09	EH	20.0			

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2/18/2009

Purchase Order No.: 107

Project Location: 398 ROUTE 44, RAYNHAM, MA.
Date Received: 2/11/2009
Field Sample # : MW-5

LIMS-BAT #: LIMT-23203
Job Number: A6419A

Sample ID : 09B03882

‡Sampled : 2/11/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	02/13/09	EH	10.0			
Tetrachloroethylene	ug/l	ND	02/13/09	EH	20.0			
Tetrahydrofuran	ug/l	ND	02/13/09	EH	200			
Toluene	ug/l	ND	02/13/09	EH	20.0			
1,2,3-Trichlorobenzene	ug/l	1570	02/13/09	EH	100			
1,2,4-Trichlorobenzene	ug/l	3080	02/13/09	EH	20.0			
1,3,5-Trichlorobenzene	ug/l	ND	02/13/09	EH	20.0			
1,1,1-Trichloroethane	ug/l	ND	02/13/09	EH	20.0			
1,1,2-Trichloroethane	ug/l	ND	02/13/09	EH	20.0			
Trichloroethylene	ug/l	ND	02/13/09	EH	20.0			
Trichlorofluoromethane	ug/l	ND	02/13/09	EH	40.0			
1,2,3-Trichloropropane	ug/l	ND	02/13/09	EH	40.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	02/13/09	EH	20.0			
1,2,4-Trimethylbenzene	ug/l	ND	02/13/09	EH	20.0			
1,3,5-Trimethylbenzene	ug/l	ND	02/13/09	EH	20.0			
Vinyl Chloride	ug/l	ND	02/13/09	EH	40.0			
m + p Xylene	ug/l	ND	02/13/09	EH	40.0			
o-Xylene	ug/l	ND	02/13/09	EH	20.0			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS.

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2/18/2009

Purchase Order No.: 107

Project Location: 398 ROUTE 44, RAYNHAM, MA.
Date Received: 2/11/2009
Field Sample # : MW-5

LIMS-BAT #: LIMT-23203
Job Number: A6419A

Sample ID : 09B03882

‡Sampled : 2/11/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acenaphthene	ug/l	ND	02/17/09	BGL	1.50			
Acenaphthylene	ug/l	ND	02/17/09	BGL	1.50			
Acetophenone	ug/l	ND	02/17/09	BGL	50.0			
Aniline	ug/l	327	02/17/09	BGL	25.0			
Anthracene	ug/l	ND	02/17/09	BGL	1.00			
Benzoic Acid	ug/l	ND	02/17/09	BGL	150			
Benzo(a)anthracene	ug/l	ND	02/17/09	BGL	0.250			
Benzo(a)pyrene	ug/l	ND	02/17/09	BGL	0.500			
Benzo(b)fluoranthene	ug/l	ND	02/17/09	BGL	0.250			
Benzo(g,h,i)perylene	ug/l	ND	02/17/09	BGL	2.50			
Benzo(k)fluoranthene	ug/l	ND	02/17/09	BGL	1.00			
Bis(2-chloroethoxy)methane	ug/l	ND	02/17/09	BGL	50.0			
Bis(2-chloroethyl)ether	ug/l	ND	02/17/09	BGL	50.0			
Bis(2-chloroisopropyl)ether	ug/l	ND	02/17/09	BGL	50.0			
Bis(2-ethylhexyl)phthalate	ug/l	10.5	02/17/09	BGL	5.00			
4-Bromophenyl phenyl ether	ug/l	ND	02/17/09	BGL	50.0			
Butylbenzylphthalate	ug/l	ND	02/17/09	BGL	100			
Carbazole	ug/l	ND	02/17/09	BGL	25.0			
4-Chloroaniline	ug/l	ND	02/17/09	BGL	100			
4-Chloro-3-methylphenol	ug/l	ND	02/17/09	BGL	100			
2-Chloronaphthalene	ug/l	265	02/17/09	BGL	50.0			
2-Chlorophenol	ug/l	ND	02/17/09	BGL	50.0			
4-Chlorophenylphenyl ether	ug/l	ND	02/17/09	BGL	50.0			
Chrysene	ug/l	ND	02/17/09	BGL	1.00			
Dibenzofuran	ug/l	ND	02/17/09	BGL	50.0			
Dibenz(a,h)anthracene	ug/l	ND	02/17/09	BGL	1.00			
1,2-Dichlorobenzene	ug/l	51.2	02/17/09	BGL	25.0			
1,3-Dichlorobenzene	ug/l	111	02/17/09	BGL	25.0			
1,4-Dichlorobenzene	ug/l	1240	02/17/09	BGL	25.0			

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RESOURCE CONTROL ASSOCIATES - RI
474 BROADWAY
PAWTUCKET, RI 02860

Purchase Order No.: 107

Project Location: 398 ROUTE 44, RAYNHAM, MA.
Date Received: 2/11/2009
Field Sample # : MW-5

LIMS-BAT #: LIMT-23203
Job Number: A6419A

Sample ID : 09B03882 ‡Sampled : 2/11/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
3,3-Dichlorobenzidine	ug/l	ND	02/17/09	BGL	50.0			
2,4-Dichlorophenol	ug/l	ND	02/17/09	BGL	50.0			
Diethylphthalate	ug/l	ND	02/17/09	BGL	50.0			
2,4-Dimethylphenol	ug/l	ND	02/17/09	BGL	200			
Dimethylphthalate	ug/l	ND	02/17/09	BGL	100			
Di-n-butylphthalate	ug/l	ND	02/17/09	BGL	50.0			
Di-n-octylphthalate	ug/l	ND	02/17/09	BGL	100			
4,6-Dinitro-2-methylphenol	ug/l	ND	02/17/09	BGL	50.0			
2,4-Dinitrophenol	ug/l	ND	02/17/09	BGL	100			
2,4-Dinitrotoluene	ug/l	ND	02/17/09	BGL	50.0			
2,6-Dinitrotoluene	ug/l	ND	02/17/09	BGL	50.0			
1,2-Diphenylhydrazine (as Azobenzene)	ug/l	ND	02/17/09	BGL	50.0			
Fluoranthene	ug/l	ND	02/17/09	BGL	2.50			
Fluorene	ug/l	ND	02/17/09	BGL	5.00			
Hexachlorobenzene	ug/l	ND	02/17/09	BGL	0.25			
Hexachlorobutadiene	ug/l	ND	02/17/09	BGL	1.00			
Hexachlorocyclopentadiene	ug/l	ND	02/17/09	BGL	100			
Hexachloroethane	ug/l	ND	02/17/09	BGL	5.00			
Indeno(1,2,3-cd)pyrene	ug/l	ND	02/17/09	BGL	1.00			
Isophorone	ug/l	ND	02/17/09	BGL	50.0			
o-cresol	ug/l	ND	02/17/09	BGL	50.0			
m & p-Cresol(s)	ug/l	ND	02/17/09	BGL	100			
2-Methylnaphthalene	ug/l	ND	02/17/09	BGL	5.00			
Naphthalene	ug/l	3080	02/17/09	BGL	5.00			
2-Nitroaniline	ug/l	ND	02/17/09	BGL	50.0			
3-Nitroaniline	ug/l	ND	02/17/09	BGL	50.0			
4-Nitroaniline	ug/l	ND	02/17/09	BGL	50.0			
Nitrobenzene	ug/l	ND	02/17/09	BGL	50.0			

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JESSE KRAWIEC
RESOURCE CONTROL ASSOCIATES - RI
474 BROADWAY
PAWTUCKET, RI 02860

2/18/2009

Purchase Order No.: 107

Project Location: 398 ROUTE 44, RAYNHAM, MA.
Date Received: 2/11/2009
Field Sample # : MW-5

LIMS-BAT #: LIMT-23203
Job Number: A6419A

Sample ID : 09B03882

‡Sampled : 2/11/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
2-Nitrophenol	ug/l	ND	02/17/09	BGL	50.0			
4-Nitrophenol	ug/l	ND	02/17/09	BGL	100			
N-Nitrosodiphenylamine	ug/l	ND	02/17/09	BGL	50.0			
N-Nitroso-di-n-propylamine	ug/l	ND	02/17/09	BGL	50.0			
Pentachloronitribenzene	ug/l	ND	02/17/09	BGL	50.0			
Pentachlorophenol	ug/l	ND	02/17/09	BGL	5.00			
Phenanthrene	ug/l	ND	02/17/09	BGL	0.25			
Phenol	ug/l	ND	02/17/09	BGL	50.0			
Pyrene	ug/l	ND	02/17/09	BGL	5.00			
Pyridine	ug/l	ND	02/17/09	BGL	25.0			
1,2,4,5-Tetrachlorobenzene	ug/l	ND	02/17/09	BGL	50.0			
1,2,4-Trichlorobenzene	ug/l	1410	02/17/09	BGL	25.0			
2,4,5-Trichlorophenol	ug/l	ND	02/17/09	BGL	50.0			
2,4,6-Trichlorophenol	ug/l	ND	02/17/09	BGL	50.0			
Extraction Date 625/8270		2/16/2009	02/17/09	BGL				

Analytical Method:
SW846 8270
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE BY LIQUID/LIQUID EXTRACTION METHOD 3510 C, FOLLOWED BY KUDERNA-DANISH OR TURBOVAP EVAPORATIVE CONCENTRATION AND QUANTITATED BY GC/MS TARGET COMPOUND ANALYSIS.

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Date Received: 2/11/2009
Field Sample # : MW-5

LIMS-BAT #: LIMT-23203
Job Number: A6419A

Sample ID : *09B03882 ‡Sampled : 2/11/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Silver	mg/l	ND	02/18/09	AMP	0.0005			

Analytical Method:
SM 3113 B AG/SW846 7761
GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROSCOPY

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Date Received: 2/11/2009
Field Sample # : MW-5
Sample ID : 09B03882
‡Sampled : 2/11/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Arsenic	mg/l	ND	02/16/09	OP	0.005			

Analytical Method:
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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Date Received: 2/11/2009
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Sample ID : 09B03882
‡Sampled : 2/11/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Cadmium	mg/l	ND	02/16/09	OP	0.0025			

Analytical Method:
EPA 200.7/SW846 6010
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Date Received: 2/11/2009
Field Sample # : **MW-5**
Sample ID : ***09B03882**
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

‡Sampled : 2/11/2009
Not Specified

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Total Residual Chlorine	mg/l	0.08	02/11/09	AED	0.02			

Analytical Method:
SM 4500-Cl G
COLORIMETRIC DETERMINATION OF CHLORINE WITH DPD REAGENT IN THE PRESENCE OF ACIDIC IODIDE.

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Field Sample # : MW-5

LIMS-BAT #: LIMT-23203
Job Number: A6419A

Sample ID : *09B03882 ‡Sampled : 2/11/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Chromium (+6)	mg/l	ND	02/11/09	VAK	0.004			

Analytical Method:
SM 3500-Cr D/SW-846 7196
COLORIMETRIC DETERMINATION WITH ACIDIC S-DIPHENYLCARBAZIDE

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Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Chromium	mg/l	ND	02/16/09	OP	0.005			

Analytical Method:
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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Sample ID : 09B03882
‡Sampled : 2/11/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Copper	mg/l	1.27	02/16/09	OP	0.0050			

Analytical Method:
EPA 200.7/SW846 6010
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Job Number: A6419A

Sample ID : 09B03882

‡Sampled : 2/11/2009
Not Specified

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Cyanide	mg/l	ND	02/18/09	VAK	0.010			

Analytical Method:
SW846 9014 / SM 4500 CN E
DISTILLATION FOLLOWED BY REACTION WITH CHLORAMINE-T/PYRIDINE-BARBITURIC ACID AND PHOSPHATE BUFFER.

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Field Sample # : **MW-5**
Sample ID : **09B03882**
‡Sampled : 2/11/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Iron	mg/l	89.6	02/16/09	OP	0.03			

Analytical Method:
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Mercury	mg/l	0.00023	02/13/09	KM	0.00010			

Analytical Method:
EPA 245.1/SW846 7470
COLD VAPOR TECHNIQUE (FLAMELESS ABSORPTION AT 254 NM)

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Sample ID : 09B03882
‡Sampled : 2/11/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Nickel	mg/l	ND	02/16/09	OP	0.005			

Analytical Method:
EPA 200.7/SW846 6010
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Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Lead	mg/l	0.0274	02/16/09	OP	0.0075			

Analytical Method:
EPA 200.7/SW846 6010
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Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
pH	units	6.30	02/11/09	AED				

Analytical Method:
EPA 150.1/SM 4500-H-B
ELECTRODE DETERMINATION

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Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Antimony	mg/l	ND	02/16/09	AMP	0.0015			

Analytical Method:
SM 3113 B SB/SW846 7041
SAMPLES ARE DIGESTED WITH NITRIC ACID AND ANALYZED BY GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROPHOTOEMTRY.

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Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Selenium	mg/l	ND	02/17/09	AMP	0.0005			

Analytical Method:
SM 3113 B SE/SW846 7740
GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROSCOPY

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Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Fuels, diesel, no. 2	MG/L	ND	02/17/09	CJM	1.25			
Gasoline	MG/L	ND	02/17/09	CJM	1.25			
Fuel oil no. 6	MG/L	ND	02/17/09	CJM	1.25			
Kerosene/Jet Fuel	MG/L	ND	02/17/09	CJM	1.25			
Unknown Hydrocarbons	MG/L	12.5	02/17/09	CJM	1.00			

Analytical Method:
MODIFIED NYSDOH 310.13/MOD 8015
SAMPLES ARE EXTRACTED INTO METHYLENE CHLORIDE BY LIQUID/LIQUID EXTRACTION, CONCENTRATED AND QUANTITATED AGAINST THE DIFFERENT PETROLEUM HYDROCARBON FRACTION STANDARDS.
FINGERPRINTS OF SAMPLE AND STANDARD CHROMATOGRAMS ARE COMPARED.

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LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Total suspended solids	mg/l	222	02/16/09	LL	8.4			

Analytical Method:
SM 2540 D
GRAVIMETRIC DETERMINATION OF TOTAL SOLIDS RETAINED ON A GLASS FIBER FILTER AFTER DRYING AT 103-105 C.

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
NM = Not Measured
* = See end of report for comments and notes applying to this sample
‡ = See attached chain-of-custody record for time sampled

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

con-test®
ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

JESSE KRAWIEC
RESOURCE CONTROL ASSOCIATES - RI
474 BROADWAY
PAWTUCKET, RI 02860

2/18/2009

Purchase Order No.: 107

Project Location: 398 ROUTE 44, RAYNHAM, MA.
Date Received: 2/11/2009
Field Sample # : MW-5
Sample ID : 09B03882
‡Sampled : 2/11/2009
Not Specified
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
SPECIAL TEST			02/18/09	VAK				
TRIVALENT CHROMIUM								

CR+3 = TOTAL CHROMIUM - HEXAVALENT CHROMIUM
CR+3 = <0.01 MG/L - <0.004 MG/L
CR+3 = <0.01 MG/L

TOTAL CHROMIUM METHOD EPA 200.7 RL: 0.01 MG/L
HEXAVALENT CHROMIUM METHOD SM3500 CR D RL:0.004 MG/L

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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LIMS-BAT #: LIMT-23203
Job Number: A6419A

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Zinc	mg/l	0.487	02/16/09	OP	0.010			

Analytical Method:
EPA 200.7/SW846 6010
SAMPLES ARE ANALYZED BY INDUCTIVELY COUPLED PLASMA EMISSION SPECTROMETRY (ICP).

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