UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 1
5 Post Office Square, Suite 100
BOSTON, MA 02109-3912

CERTIFIED MAIL

February 17, 2011

Donald W. Podsen
Licensed Site Professional
Brown and Caldwell
One Technology Drive
Andover, MA 01810

Re: Authorization to discharge under the Remediation General Permit (RGP) – MAG910000. ITW TACC site located at 56 Air Station Industrial Park, Rockland, MA 02370, Plymouth County; Authorization # MAG910110 - Reissuance

Dear Mr. Podsen:

Based on the review of a Notice of Intent (NOI) submitted on behalf of Kate Ryan, Owner of ITW TACC site by the firm Brown and Caldwell, for the site referenced above, the U.S. Environmental Protection Agency (EPA) hereby authorizes you, as the named Operator, to discharge in accordance with the provisions of the RGP at that site. Your authorization number is listed above.

The checklist enclosed with this RGP authorization indicates the pollutants for which you are required to monitor. Also indicated on the checklist are the effluent limits, test methods and minimum levels (MLs) for each pollutant. Please note that the check list does not represent the complete requirements of the RGP. Operators must comply with all of the applicable requirements of this permit, including influent and effluent monitoring, narrative water quality standards, record keeping, and reporting requirements, found in Parts I and II, and Appendices I – VIII of the RGP. See EPA's website for the complete RGP and other information at: http://www.epa.gov/region1/npdes/mass.html#dgp.

Please note that the list of pollutants authorized includes pollutants found in excess of the RGP Appendix III limits, and others found in excess of the minimum levels (MLs) of detection. Please see Appendix VI for information on the MLs limits for each authorized pollutant.

Also, please note that the metal iron included on the list is a dilution dependent pollutant and subject to limitations based on a dilution factor range (DFR). With the absence of dilution to ponds, EPA determined that the DFR for each parameter is in the one and five (1-5) range. (See the RGP Appendix IV for Massachusetts facilities) Therefore, the limit for iron of 1,000ug/L, is required to achieve permit compliance at your site

Finally, please note the list of pollutants attached to this authorization is subject to a recertification if the operations at the site result in a discharge lasting longer than six months. Recertification's can be submitted to EPA within six (6) to twelve (12) months of operations in accordance with the 2010 RGP regulations.

This general permit and authorization to discharge will expire on September 9, 2015. You have reported that this project has an unknown termination date. If for any reason the discharge terminates before the expiration date you are required to submit a Notice of Termination (NOT) to the attention of the contact person indicated below within 30 days of project completion.

Thank you in advance for your cooperation in this matter. Please contact Victor Alvarez at 617-918-1572 or Alvarez.Victor@epa.gov, if you have any questions.

Sincerely,

Thomas Murphy for

David M. Webster, Chief
Industrial Permits Branch

Enclosure

cc: Kathleen Keohane, MassDEP

2010 Remediation General Permit
Summary of Monitoring Parameters[1]

NPDES Permit Number:	**MAG910110 _ Reissuance**
Date Permit Issued:	February 2011
Facility/Site Name:	ITW TACC
Facility/Site Address:	56 Air Station Industrial Park, Rockland, MA 02370, Plymouth County
	Email address of owner:kryan@itwacc.com; Phone n:781-878-7015
Legal Name of Operator:	Brown and Caldwell
Operator contact name, title, and Address:	Donald W. Podsen, license site professional One Technology Drive Andover, MA 01810
	Email: dpodsen@brwncald.com
Estimated Date of Completion:	Unknown
Category and Sub-Category:	Category II. Sub-category A. Volatile Organic Compounds (VOC) Only Sites
Receiving Water:	Detection Pond

Monitoring & Limits are applicable if checked. All samples are to be collected as grab samples

	Parameter	**Effluent Limit/Method#/ML** (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
	1. Total Suspended Solids (TSS)	30 milligrams/liter (mg/L) **, 50 mg/L for hydrostatic testing **, Me#60.2/ML 5ug/L
	2. Total Residual Chlorine (TRC) [1]	Freshwater = 11 ug/L ** Saltwater = 7.5 ug/L **/ Me#330.5/ML 20ug/L
	3. Total Petroleum Hydrocarbons (TPH)	5.0 mg/L/ Me# 1664A/ML 5.0mg/L
	4. Cyanide (CN) [2, 3]	Freshwater = 5.2 ug/l ** Saltwater = 1.0 ug/L **/ Me#335.4/ML 5ug/L
	5. Benzene (B)	5ug/L /50.0 ug/L for hydrostatic testing only/ Me#8260C/ML 2 ug/L
√	6. Toluene (T)	(limited as ug/L total BTEX)/ Me#8260C/ ML 2ug/L
	7. Ethylbenzene (E)	(limited as ug/L total BTEX) Me#8260C/ ML 2ug/L
	8. (m,p,o) Xylenes (X)	(limited as ug/L total BTEX) Me#8260C/ ML 2ug/L
√	9. Total Benzene, Toluene, Ethyl Benzene, and Xylenes (BTEX) [4]	100 ug/L/ Me#8260C/ ML 2ug/L
	10. Ethylene Dibromide (EDB) (1,2- Dibromoethane)	0.05 ug/l/ Me#8260C/ ML 10ug/L
	11. Methyl-tert-Butyl Ether	70.0 ug/l /Me#8260C/ ML 10ug/L

	Parameter	Effluent Limit/Method#/ML (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
	(MtBE)	
	12.tert-Butyl Alcohol (TBA) (TertiaryButanol)	Monitor Only (ug/L)/ Me#8260C/ ML 10ug/L
	13. tert-Amyl Methyl Ether (TAME)	Monitor Only (ug/L) /Me#8260C/ ML 10ug/L
√	14. Naphthalene [5]	20 ug/L /Me#8260C/ ML 2ug/L
√	15. Carbon Tetrachloride	4.4 ug/L /Me#8260C/ ML 5ug/L
	16. 1,2 Dichlorobenzene (o-DCB)	600 ug/L /Me#8260C/ ML 5ug/L
	17. 1,3 Dichlorobenzene (m-DCB)	320 ug/L /Me#8260C/ ML 5ug/L
√	18. 1,4 Dichlorobenzene (p-DCB)	5.0 ug/L /Me#8260C/ ML 5ug/L
	18a. Total dichlorobenzene	763 ug/L - NH only /Me#8260C/ ML5ug/L
√	19. 1,1 Dichloroethane (DCA)	70 ug/L /Me#8260C/ ML 5ug/L
	20. 1,2 Dichloroethane (DCA)	5.0 ug/L /Me#8260C/ ML 5ug/L
√	21. 1,1 Dichloroethene (DCE)	3.2 ug/L/Me#8260C/ ML 5ug/L
√	22. cis-1,2 Dichloroethene (DCE)	70 ug/L/Me#8260C/ ML 5ug/L
√	23. Methylene Chloride	4.6 ug/L/Me#8260C/ ML 5ug/L
√	24. Tetrachloroethene (PCE)	5.0 ug/L/Me#8260C/ ML 5ug/L
√	25. 1,1,1 Trichloro-ethane (TCA)	200 ug/L/Me#8260C/ ML 5ug/L
√	26. 1,1,2 Trichloro-ethane (TCA)	5.0 ug/L /Me#8260C/ ML 5ug/L
√	27. Trichloroethene (TCE)	5.0 ug/L /Me#8260C/ ML 5ug/L
√	28. Vinyl Chloride (Chloroethene)	2.0 ug/L /Me#8260C/ ML 5ug/L
√	29. Acetone	Monitor Only(ug/L)/Me#8260C/ML 50ug/L
√	30. 1,4 Dioxane	Monitor Only /Me#1624C/ML 50ug/L
	31. Total Phenols	300 ug/L Me#420.1&420.2/ML 2 ug/L/ Me# 420.4 /ML 50ug/L
	32. Pentachlorophenol (PCP)	1.0 ug/L /Me#8270D/ML5ug/L,Me#604 &625/ML 10ug/L
	33. Total Phthalates (Phthalate esters) [6]	3.0 ug/L ** /Me#8270D/ML 5ug/L, Me#606/ML 10ug/L& Me#625/ML 5ug/L
	34. Bis (2-Ethylhexyl) Phthalate [Di- (ethylhexyl) Phthalate]	6.0 ug/L /Me#8270D/ML 5ug/L,Me#606/ML 10ug/L & Me#625/ML 5ug/L
	35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)	10.0 ug/L
	a. Benzo(a) Anthracene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	b. Benzo(a) Pyrene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	c. Benzo(b)Fluoranthene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L,

	Parameter	Effluent Limit/Method#/ML (All Effluent Limits are shown as Daily Maximum Limit, unless denoted by a **, in that case it will be a Monthly Average Limit)
	c. Benzo(b)Fluoranthene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	d. Benzo(k)Fluoranthene [7]	0.0038 ug/L /Me#8270D/ ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	e. Chrysene [7]	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	f. Dibenzo(a,h)anthracene [7]	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML 5ug/L
	g. Indeno(1,2,3-cd) Pyrene [7]	0.0038 ug/L /Me#8270D/ML 5ug/L, Me#610/ML 5ug/L& Me#625/ML5ug/L
	36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)	100 ug/L
	h. Acenaphthene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	i. Acenaphthylene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	j. Anthracene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	k. Benzo(ghi) Perylene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	l. Fluoranthene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	m. Fluorene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	n. Naphthalene [5]	20 ug/l / Me#8270/ML 5ug/L, Me#610/ML 5ug/L & Me#625/ML 5ug/L
	o. Phenanthrene	X/Me#8270D/ML 5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	p. Pyrene	X/Me#8270D/ML5ug/L,Me#610/ML 5ug/L & Me#625/ML 5ug/L
	37. Total Polychlorinated Biphenyls (PCBs) [8, 9]	0.000064 ug/L/Me# 608/ ML 0.5 ug/L
√	38. Chloride	Monitor only/Me# 300.0/ ML 0.1ug/L

	Metal parameter	Total Recoverable Metal Limit @ H [10]= 50 mg/l CaCO3 for discharges in Massachusetts (ug/l) [11]			
		Freshwater	Saltwater		
	39. Antimony	5.6/10mL			
	40. Arsenic **	10/20mL	36/20mL		
	41. Cadmium **	0.2/10ml	8.9/10mL		
	42. Chromium III (trivalent) **	48.8/15mL	100/15mL		

	Metal parameter	Total Recoverable Metal Limit @ H [10]= 50 mg/l CaCO3 for discharges in Massachusetts (ug/l) [11]			
		Freshwater	Saltwater		
	43. Chromium VI (hexavalent) **	11.4/10mL	50.3/10mL		
	44. Copper **	5.2/15mL	3.7/15mL		
	45. Lead **	1.3/20mL	8.5/20mL		
	46. Mercury **	0.9/0.2mL	1.1/0.2mL		
	47. Nickel **	29/20mL	8.2/20mL		
	48. Selenium **	5/20mL	71/20mL		
	49. Silver	1.2/10mL	2.2/10mL		
	50. Zinc **	66.6/15mL	85.6/15mL		
√	51. Iron	1,000/20mL			

	Other Parameters	Limit
√	52. Instantaneous Flow	Site specific in CFS
√	53. Total Flow	Site specific in CFS
√	54. pH Range for Class A & Class B Waters in MA	6.5-8.3; 1/Month/Grab[13]
	55. pH Range for Class SA & Class SB Waters in MA	6.5-8.3; 1/Month/Grab[13]
	56. pH Range for Class B Waters in NH	6.5-8; 1/Month/Grab[13]
	57. Daily maximum temperature - Warm water fisheries	83°F; 1/Month/Grab[14]
	58. Daily maximum temperature - Cold water fisheries	68°F; 1/Month/Grab[14]
	59. Maximum Change in Temperature in MA - Any Class A water body	1.5°F; 1/Month/Grab[14]
	60. Maximum Change in Temperature in MA - Any Class B water body- Warm Water	5°F; 1/Month/Grab[14]
	61. Maximum Change in Temperature in MA – Any Class B water body - Cold water and Lakes/Ponds	3°F; 1/Month/Grab[14]
	62. Maximum Change in Temperature in MA – Any Class SA water body - Coastal	1.5°F; 1/Month/Grab[14]
	63. Maximum Change in Temperature in MA – Any Class SB water body - July to September	1.5°F; 1/Month/Grab[14]
	64. Maximum Change in Temperature in MA – Any Class SB water body - October to June	4°F; 1/Month/Grab[14]

Footnotes:

[1] Although the maximum values for TRC are 11ug/l and 7.5 ug/l for freshwater, and saltwater respectively, the compliance limits are equal to the minimum level (ML) of the test method used as listed in Appendix VI (i.e., Method 330.5, 20 ug/l).
[2] Limits for cyanide are based on EPA's water quality criteria expressed as micrograms per liter. There is currently no EPA approved test method for free cyanide. Therefore, total cyanide must be reported.
[3] Although the maximum values for cyanide are 5.2 ug/l and 1.0 ug/l for freshwater and saltwater, respectively, the compliance limits are equal to the minimum level (ML) of the Method 335.4 as listed in Appendix VI (i.e., 10 ug/l).
[4] BTEX = sum of Benzene, Toluene, Ethylbenzene, and total Xylenes.
[5] Naphthalene can be reported as both a purgeable (VOC) and extractable (SVOC) organic compound. If both VOC and SVOC are analyzed, the highest value must be used unless the QC criteria for one of the analyses is not met. In such cases, the value from the analysis meeting the QC criteria must be used.
[6] The sum of individual phthalate compounds(not including the #34, Bis (2-Ethylhexyl) Phthalate . The compliance limits are equal to the minimum level (ML) of the test method used as listed in Appendix VI.
Total values calculated for reporting on NOIs and discharge monitoring reports shall be calculated by adding the measured concentration of each constituent. If the measurement of a constituent is less than the ML, the permittee shall use a value of zero for that constituent. For each test, the permittee shall also attach the raw data for each constituent to the discharge monitoring report, including the minimum level and minimum detection level for the analysis.
[7] Although the maximum value for the individual PAH compounds is 0.0038 ug/l, the compliance limits are equal to the minimum level (ML) of the test method used as listed in Appendix VI.
[8] In the November 2002 WQC, EPA has revised the definition of Total PCBs for aquatic life as total PCBs is the sum of all homologue, all isomer, all congener, or all "Oroclor analyses."Total values calculated for reporting on NOIs and discharge monitoring reports shall be calculated by adding the measured concentration of each constituent. If the measure of a constituent is less than the ML, the permittee shall use a value of zero for that constituent. For each test, the permittee shall also attach the raw data for each constituent to the discharge monitoring report, including the minimum level and minimum detection level for the analysis.
[9]Although the maximum value for total PCBs is 0.000064 ug/l, the compliance limit is equal to the minimum level (ML) of the test method used as listed in Appendix VI (i.e., 0.5 ug/l for Method 608 or 0.00005 ug/l when Method 1668a is approved).
[10] Hardness. Cadmium, Chromium III, Copper, Lead, Nickel, Silver, and Zinc are Hardness Dependent.
[11] For a Dilution Factor (DF) from 1 to 5, metals limits are calculated using DF times the base limit for the metal. See Appendix IV. For example, iron limits are calculated using DF x 1,000ug/L (the iron base limit). Therefore DF is 1.5, the iron limit will be 1,500 ug/L; DF 2, then iron limit =1,000 x 2 =2,000 ug/L., etc. not to exceed the DF=5.
[12] Minimum Level (ML) is the lowest level at which the analytical system gives a recognizable signal and acceptable calibration point for the analyte. The ML represents the lowest concentration at which an analyte can be measured with a known level of confidence. The ML is calculated by multiplying the laboratory-determined method detection limit by 3.18 (see 40 CFR Part 136, Appendix B).
[13] pH sampling for compliance with permit limits may be performed using field methods as provided for in EPA test Method 150.1.
[14] Temperature sampling per Method 170.1

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

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

a) Name of **facility/site**: ITW TACC			**Facility/site** mailing address:		
Location of **facility/site**: longitude: -70.933889 latitude: 42.150278	Facility SIC code(s): 2891		Street: 56 Air Station Industrial Park		
b) Name of **facility/site owner:**			Town: Rockland		
Email address of facility/site owner: kryan@itwtacc.com			State: MA	Zip: 02370	County: Plymouth
Telephone no. of facility/site **owner**: 781-878-7015					
Fax no. of facility/site **owner**: 781-878-6727			**Owner** is (check one): 1. Federal ○ 2. State/Tribal ○ 3. Private ⊗ 4. Other ○ if so, describe:		
Address of **owner** (if different from site):					
Street: 3600 West Lake Avenue					
Town: Glenview	State: IL	Zip: 60026-1215	County: Cook		
c) Legal name of **operator**: Brown and Caldwell	**Operator** telephone no: 978-794-0336				
	Operator fax no.: 978-794-0534		**Operator** email: dpodsen@brwncald.com		
Operator contact name and title: Donald W. Podsen, Licensed Site Professional					
Address of **operator** (if different from owner):	Street: One Technology Drive				
Town: Andover	State: MA	Zip: 01810	County: Essex		

d) Check Y for "yes" or N for "no" for the following:
1. Has a prior NPDES permit exclusion been granted for the discharge? Y ⊗ N O, if Y, number: MA-031-030
2. Has a prior NPDES application (Form 1 & 2C) ever been filed for the discharge?
Y O N ⊗, if Y, date and tracking #:
3. Is the discharge a "new discharge" as defined by 40 CFR 122.2? Y O N ⊗
4. For sites in Massachusetts, is the discharge covered under the Massachusetts Contingency Plan (MCP) and exempt from state permitting? Y ⊗ N O

e) Is site/facility subject to any State permitting, license, or other action which is causing the generation of discharge? Y ⊗ N O
If Y, please list:
1. site identification # assigned by the state of NH or MA: RTN 4-0150
2. permit or license # assigned: 82677
3. state agency contact information: name, location, and telephone number:

MassDEP Southeast Region
20 Riverside Drive
Lakeville, MA 02347

f) Is the site/facility covered by any other EPA permit, including:
1. Multi-Sector General Permit? Y ⊗ N O,
if Y, number: MA050000
2. Final Dewatering General Permit? Y O N ⊗,
if Y, number:
3. EPA Construction General Permit? Y O N ⊗,
if Y, number:
4. Individual NPDES permit? Y O N ⊗,
if Y, number:
5. any other water quality related individual or general permit? Y ⊗ N O, if Y, number: MAG 910110

g) Is the site/facility located within or does it discharge to an Area of Critical Environmental Concern (ACEC)? Y O N ⊗

h) Based on the facility/site information and any historical sampling data, identify the sub-category into which the potential discharge falls.

Activity Category	Activity Sub-Category
I - Petroleum Related Site Remediation	A. Gasoline Only Sites ☐ B. Fuel Oils and Other Oil Sites (including Residential Non-Business Remediation Discharges) ☐ C. Petroleum Sites with Additional Contamination ☐
II - Non Petroleum Site Remediation	A. Volatile Organic Compound (VOC) Only Sites ☒ B. VOC Sites with Additional Contamination ☐ C. Primarily Heavy Metal Sites ☐
III - Contaminated Construction Dewatering	A. General Urban Fill Sites ☐ B. Known Contaminated Sites ☐

IV - Miscellaneous Related Discharges	A. Aquifer Pump Testing to Evaluate Formerly Contaminated Sites ☐ B. Well Development/Rehabilitation at Contaminated/Formerly Contaminated Sites ☐ C. Hydrostatic Testing of Pipelines and Tanks ☐ D. Long-Term Remediation of Contaminated Sumps and Dikes ☐ E. Short-term Contaminated Dredging Drain Back Waters (if not covered by 401/404 permit) ☐

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

a) Describe the discharge activities for which the owner/applicant is seeking coverage:

The remediation system conducts batch treatment of VOC contaminated groundwater using aeration, filtration, and adsorption. The effluent discharges to an onsite drain manhole and is conveyed through a stormwater sewer to an offsite detention 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 0.056 Is maximum flow a **design value**? Y ⊗ N ○
Average flow (include units) 0.022 ft^3/sec Is average flow a design value or estimate? Estimate

3) Latitude and longitude of each discharge within 100 feet:

pt.1: lat	42.15904	long	-70.9088	pt.2: lat.		long.	;
pt.3: lat		long		pt.4: lat.		long.	;
pt.5: lat		long		pt.6: lat.		long.	;
pt.7: lat		long		pt.8: lat.		long.	; etc.

4) If hydrostatic testing, total volume of the discharge (gals):

5) Is the discharge intermittent ⊗ or seasonal ○ ?
Is discharge ongoing? Y ○ N ⊗

c) Expected dates of discharge (mm/dd/yy): start 12/20/10 end Unknown

d) Please attach a line drawing or flow schematic showing water flow through the facility including:
1. sources of intake water, 2. contributing flow from the operation, 3. treatment units, and 4. discharge points and receiving waters(s). See Figure 1

3. Contaminant information.

a) Based on the sub-category selected (see Appendix III), indicate whether each listed chemical is **believed present** or **believed absent** in the potential discharge. Attach additional sheets as needed.

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (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)
1. Total Suspended Solids (TSS)		☒	☐	N/A							
2. Total Residual Chlorine (TRC)		☒	☐	N/A							
3. Total Petroleum Hydrocarbons (TPH)		☒	☐	1	Grab	1664A	5,000	0	0	0	0
4. Cyanide (CN)	57125	☒	☐	N/A							
5. Benzene (B)	71432	☒	☐	6	Grab	8260B	1	0	0	0	0
6. Toluene (T)	108883	☐	☒	6	Grab	8260B	1	2,300	0.123	818.3	0.044
7. Ethylbenzene (E)	100414	☒	☐	6	Grab	8260B	1	0	0	0	0
8. (m,p,o) Xylenes (X)	108883; 106423; 95476; 1330207	☒	☐	6	Grab	8260B	2	0	0	0	0
9. Total BTEX [2]	n/a	☐	☒	6	Grab	8260B	2	2,300	0.123	818.3	0.044
10. Ethylene Dibromide (EDB) (1,2-Dibromoethane) [3]	106934	☒	☐	6	Grab	8260B	2	0	0	0	0
11. Methyl-tert-Butyl Ether (MtBE)	1634044	☒	☐	6	Grab	8260B	2	0	0	0	0
12. tert-Butyl Alcohol (TBA) (Tertiary-Butanol)	75650	☒	☐	N/A							

* Numbering system is provided to allow cross-referencing to Effluent Limits and Monitoring Requirements by Sub-Category included in Appendix III, as well as the Test Methods and Minimum Levels associated with each parameter provided in Appendix VI.

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

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

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (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)
13. tert-Amyl Methyl Ether (TAME)	9940508	☒	☐	N/A	Grab	8260B	2				
14. Naphthalene	91203	☐	☒	1	Grab	8270C SIM	2	2.4	0.0001	2.4	0.0001
15. Carbon Tetrachloride	56235	☒	☐	6	Grab	8260B	1	0	0	0	0
16. 1,2 Dichlorobenzene (o-DCB)	95501	☒	☐	6	Grab	8260B	1	0	0	0	0
17. 1,3 Dichlorobenzene (m-DCB)	541731	☒	☐	6	Grab	8260B	1	0	0	0	0
18. 1,4 Dichlorobenzene (p-DCB)	106467	☒	☐	6	Grab	8260B	1	0	0	0	0
18a. Total dichlorobenzene		☒	☐	6	Grab	8260B	1	0	0	0	0
19. 1,1 Dichloroethane (DCA)	75343	☐	☒	6	Grab	8260B	1	4,900	0.263	2,996.7	0.161
20. 1,2 Dichloroethane (DCA)	107062	☒	☐	6	Grab	8260B	1	0	0	0	0
21. 1,1 Dichloroethene (DCE)	75354	☐	☒	6	Grab	8260B	1	510	0.027	345	0.018
22. cis-1,2 Dichloroethene (DCE)	156592	☐	☒	6	Grab	8260B	1	2,200	0.118	1,463.3	0.078
23. Methylene Chloride	75092	☐	☒	6	Grab	8260B	2	23	0.001	9.8	0.0005
24. Tetrachloroethene (PCE)	127184	☒	☐	6	Grab	8260B	1	0	0	0	0
25. 1,1,1 Trichloro-ethane (TCA)	71556	☐	☒	6	Grab	8260B	1	9,600	0.516	6,566.7	0.353
26. 1,1,2 Trichloro-ethane (TCA)	79005	☒	☐	6	Grab	8260B	1	0	0	0	0
27. Trichloroethene (TCE)	79016	☐	☒	6	Grab	8260B	1	190	0.0102	67.7	0.003

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (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)
28. Vinyl Chloride (Chloroethene)	75014	☐	☒		Grab	8260B	1	130	0.007	38.3	0.002
29. Acetone	67641	☐	☒	6	Grab	8260B	5	46	0.002	11.6	0.0006
30. 1,4 Dioxane	123911	☒	☐	6	Grab	8260B	250	0	0	0	0
31. Total Phenols	108952	☒	☐	1	Grab	8270C	5	0	0	0	0
32. Pentachlorophenol (PCP)	87865	☒	☐	1	Grab	8270C-SIM	0.8	0	0	0	0
33. Total Phthalates (Phthalate esters) [4]		☒	☐	1	Grab	8270C	5	0	0	0	0
34. Bis (2-Ethylhexyl) Phthalate [Di-(ethylhexyl) Phthalate]	117817	☒	☐	1	Grab	8270C	5	0	0	0	0
35. Total Group I Polycyclic Aromatic Hydrocarbons (PAH)		☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
a. Benzo(a) Anthracene	56553	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
b. Benzo(a) Pyrene	50328	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
c. Benzo(b)Fluoranthene	205992	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
d. Benzo(k)Fluoranthene	207089	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
e. Chrysene	21801	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
f. Dibenzo(a,h)anthracene	53703	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
g. Indeno(1,2,3-cd) Pyrene	193395	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
36. Total Group II Polycyclic Aromatic Hydrocarbons (PAH)		☐	☒	1	Grab	8270C-SIM	0.2	2.4	0.001	2.4	0.001

[4] The sum of individual phthalate compounds.

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (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)
h. Acenaphthene	83329	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
i. Acenaphthylene	208968	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
j. Anthracene	120127	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
k. Benzo(ghi) Perylene	191242	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
l. Fluoranthene	206440	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
m. Fluorene	86737	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
n. Naphthalene	91203	☐	☒	1	Grab	8270C-SIM	0.2	2.4	0.001	2.4	0.001
o. Phenanthrene	85018	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
p. Pyrene	129000	☒	☐	1	Grab	8270C-SIM	0.2	0	0	0	0
37. Total Polychlorinated Biphenyls (PCBs)	85687; 84742; 117840; 84662; 131113; 117817.	☒	☐	1	Grab	8082	0.5	0	0	0	0
38. Chloride	16887006	☒	☐	N/A							
39. Antimony	7440360	☒	☐	N/A							
40. Arsenic	7440382	☒	☐	N/A							
41. Cadmium	7440439	☒	☐	N/A							
42. Chromium III (trivalent)	16065831	☒	☐	N/A							
43. Chromium VI (hexavalent)	18540299	☒	☐	N/A							
44. Copper	7440508	☒	☐	N/A							
45. Lead	7439921	☒	☐	N/A							
46. Mercury	7439976	☒	☐	N/A							
47. Nickel	7440020	☒	☐	N/A							
48. Selenium	7782492	☒	☐	N/A							
49. Silver	7440224	☒	☐	N/A							
50. Zinc	7440666	☒	☐	N/A							
51. Iron	7439896	☐	☒	1	Grab	6010B	50	26,000	1.398	26,000	1.398
Other (describe):		☐	☐								

Parameter *	CAS Number	Believed Absent	Believed Present	# of Samples	Sample Type (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)
		☐	☐								
		☐	☐								

N/A = not analyzed.

b) For discharges where **metals** are believed present, please fill out the following (attach results of any calculations):

Step 1: Do any of the metals in the influent exceed the effluent limits in Appendix III (i.e., the limits set at zero dilution)? Y ⊗ N ○	If yes, which metals? Iron
Step 2: For any metals which 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? Metal: Iron DF: 1 Metal: DF: Metal: DF: Metal: DF: Etc.	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 Y, list which metals: Iron - note however that historic operation of treatment system has achieved discharge limit of 1 mg/l.

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:

The treatment system recovers groundwater from up to five recovery wells and treats the groundwater using bubble aeration, particulate filtration, granular activated carbon adsorption, and air stripping. The effluent from the treatment system discharges to an onsite storm drain manhole, and is conveyed through a storm drain to an off site detention pond (a schematic of process flow is shown in Figure 1).

b) Identify each applicable treatment unit (check all that apply):	Frac. tank ☐	Air stripper ☒	Oil/water separator ☐	Equalization tanks ☐	Bag filter ☒	GAC filter ☒
	Chlorination ☐	De-chlorination ☐	Other (please describe):	Primary aeration/settling tanks		

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 10 gpm Maximum flow rate of treatment system 25 gpm
Design flow rate of treatment system 10-25 gpm

d) A description of chemical additives being used or planned to be used (attach MSDS sheets):
Not applicable

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

a) Identify the discharge pathway:	Direct to receiving water ☐	Within facility (sewer) ☐	Storm drain ☒	Wetlands ☐	Other (describe): Detention Pond

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

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 Class B

e) Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water 0 cfs
Please attach any calculation sheets used to support stream flow and dilution calculations.

f) Is the receiving water a listed 303(d) water quality impaired or limited water? Y ○ N ⊗ If yes, for which pollutant(s)?

Is there a final TMDL? Y ○ N ⊗ If yes, for which pollutant(s)?

6. ESA and NHPA Eligibility.

Please provide the following information according to requirements of Permit Parts I.A.4 and I.A.5 Appendices II and VII.

a) Using the instructions in Appendix VII and information on Appendix II, under which criterion listed in Part I.C are you eligible for coverage under this general permit?

A ___ B ___ C ___ D ___ E ___ F ___

b) If you selected Criterion D or F, has consultation with the federal services been completed? Y ___ N ___ Underway ___

c) If consultation with U.S. Fish and Wildlife Service and/or NOAA Fisheries Service was completed, was a written concurrence finding that the discharge is "not likely to adversely affect" listed species or critical habitat received? Y ___ N ___

d) Attach documentation of ESA eligibility as described in the NOI instructions and required by Appendix VII, Part I.C, Step 4.

e) Using the instructions in Appendix VII, under which criterion listed in Part II.C are you eligible for coverage under this general permit?

1 ___ 2 ___ 3 ___

f) If Criterion 3 was selected, attach all written correspondence with the State or Tribal historic preservation officers, including any terms and conditions that outline measures the applicant must follow to mitigate or prevent adverse effects due to activities regulated by the RGP.

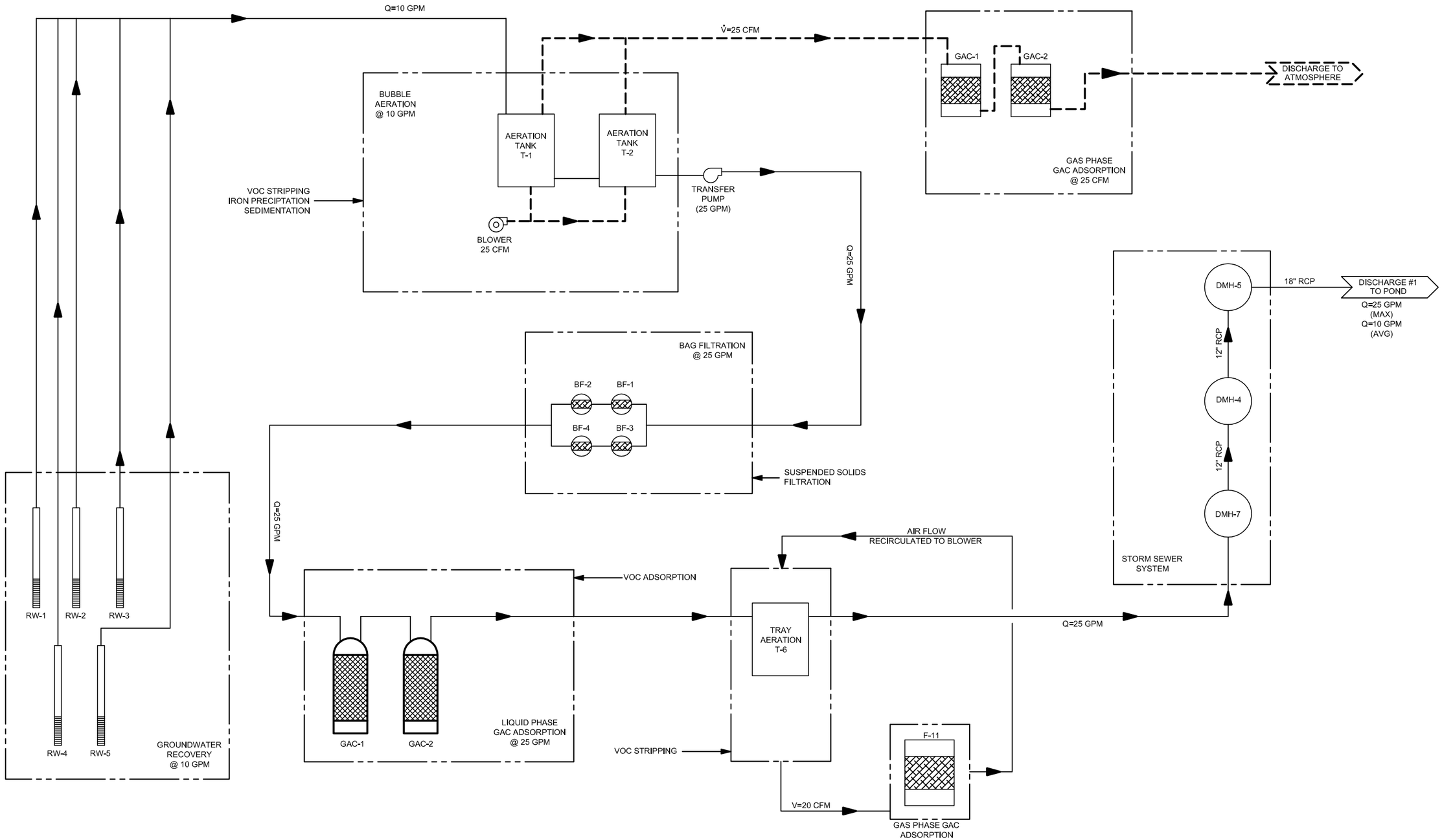
7. Supplemental information.

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:	ITW TACC
Operator signature:	Donald W. Podsen
Printed Name &Title:	Donald W. Podsen, Licensed Site Professional
Date:	12/9/10



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Brown AND Caldwell

151 Campanelli Drive, Suite B
Middleborough, Massachusetts 02346
Tel. (508) 923-0879 • Fax. (508) 923-0894

PROJECT: 133546	FILE: Fig1_Flow	**FIGURE 1** **PROCESS FLOW SCHEMATIC**
SCALE:	DATE: 12/1/10	NPDES - REMEDIATION GENERAL PERMIT ROCKLAND, MASSACHUSETTS
DRAWN: R.J.F.	CHECKED: D.W.P.	PREPARED FOR: ITW TACC

Attachment to Section 3a
Contaminant Information

Table Summarizing Believed Present or Believed Absent Chemicals

The influent and effluent of the groundwater treatment system is typically sampled on a monthly basis for volatile organic compounds (VOCs) using EPA Test Method 8260B. The table has been prepared using the last six months of VOC sampling data to be representative of site groundwater. It should be noted that due to high concentrations of some constituents detected in the influent (1,1-dichloroethane, 1,1,1-trichloroethane, toluene, chloroethane, 1,1-dichloroethene, trichloroethene and cis-1,2-dichlorothene), other VOCs are not detected due to elevated detection levels. Therefore, for the other VOCs, we have summarized the effluent data on the table because the detection levels are much lower and therefore able to identify the presence of other VOCs. Both the influent and effluent data are included in the attached analytical data.

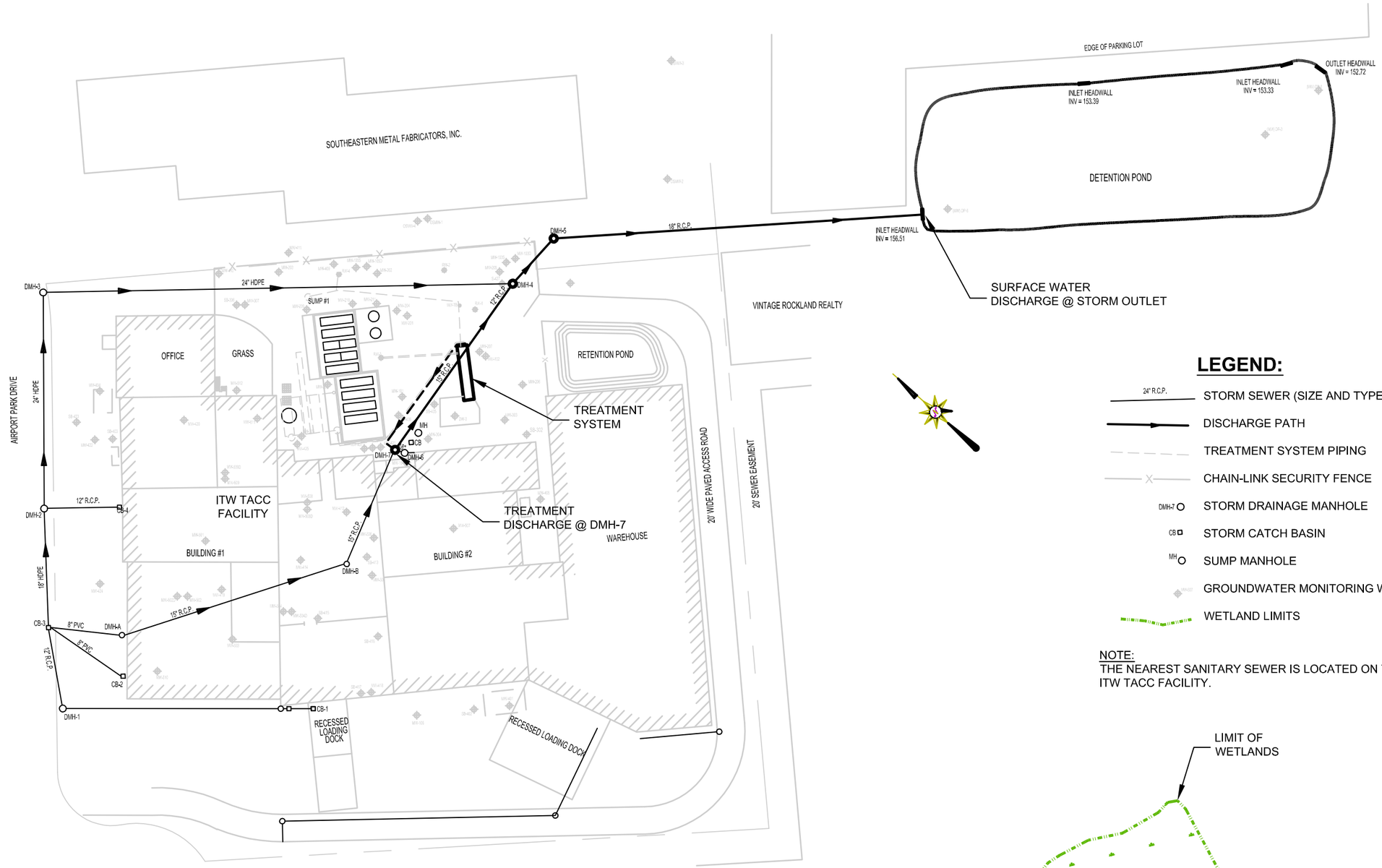
It should be noted that the system has not been discharging to the detention pond under the existing NPDES permit over the past six months due to periodic concentrations of methylene chloride above the existing NPDES permit discharge limit. Rather, the effluent has been discharged to the subsurface upgradient of the treatment system in accordance with the Massachusetts Contingency Plan (MCP).

Attachment to Section 5
Receiving Surface Water(s)

Narrative Description of Receiving Water(s)

The groundwater treatment system discharges to manhole DMH-7 (on-site) which flows through 12" RCP to manhole DMH-4 (on-site) through 12" RCP to manhole DMH-5 (on-site) through 18" RCP to an outfall at a detention pond (off-site) as shown on Figure 2. The outlet from the detention pond flows into a storm drain which discharges to a wetlands south of Veterans of Foreign Wars street (located approximately one-third mile south of the facility). These wetlands ultimately drain into Cushing Brook (Figure 3).

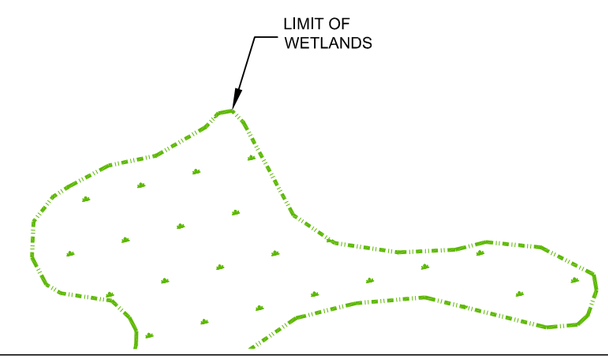
With respect to sensitive receptors, a wetland area is present to the south of the ITW facility (Figure 2). As shown on Figure 3, the Abington Rockland Reservoir is located approximately one-half mile to the southeast of the ITW facility. It should be noted that the outlet from the detention pond does not flow to the reservoir, rather it discharges into wetlands which flow to Cushing Brook.



LEGEND:

- 24" R.C.P. — STORM SEWER (SIZE AND TYPE NOTED)
- DISCHARGE PATH
- TREATMENT SYSTEM PIPING
- CHAIN-LINK SECURITY FENCE
- DMH-7 — STORM DRAINAGE MANHOLE
- CB — STORM CATCH BASIN
- MH — SUMP MANHOLE
- GROUNDWATER MONITORING WELL
- WETLAND LIMITS

NOTE:
THE NEAREST SANITARY SEWER IS LOCATED ON THE ITW TACC FACILITY.



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PROJECT: 133546	FILE: Fig2_Site Plan
SCALE: 1"=80'	DATE: 12/1/10
DRAWN: R.J.F.	CHECKED: D.W.P.

FIGURE 2
DETAILED SITE PLAN

NPDES REMEDIATION GENERAL PERMIT
ROCKLAND, MASSACHUSETTS

PREPARED FOR:
ITW TACC

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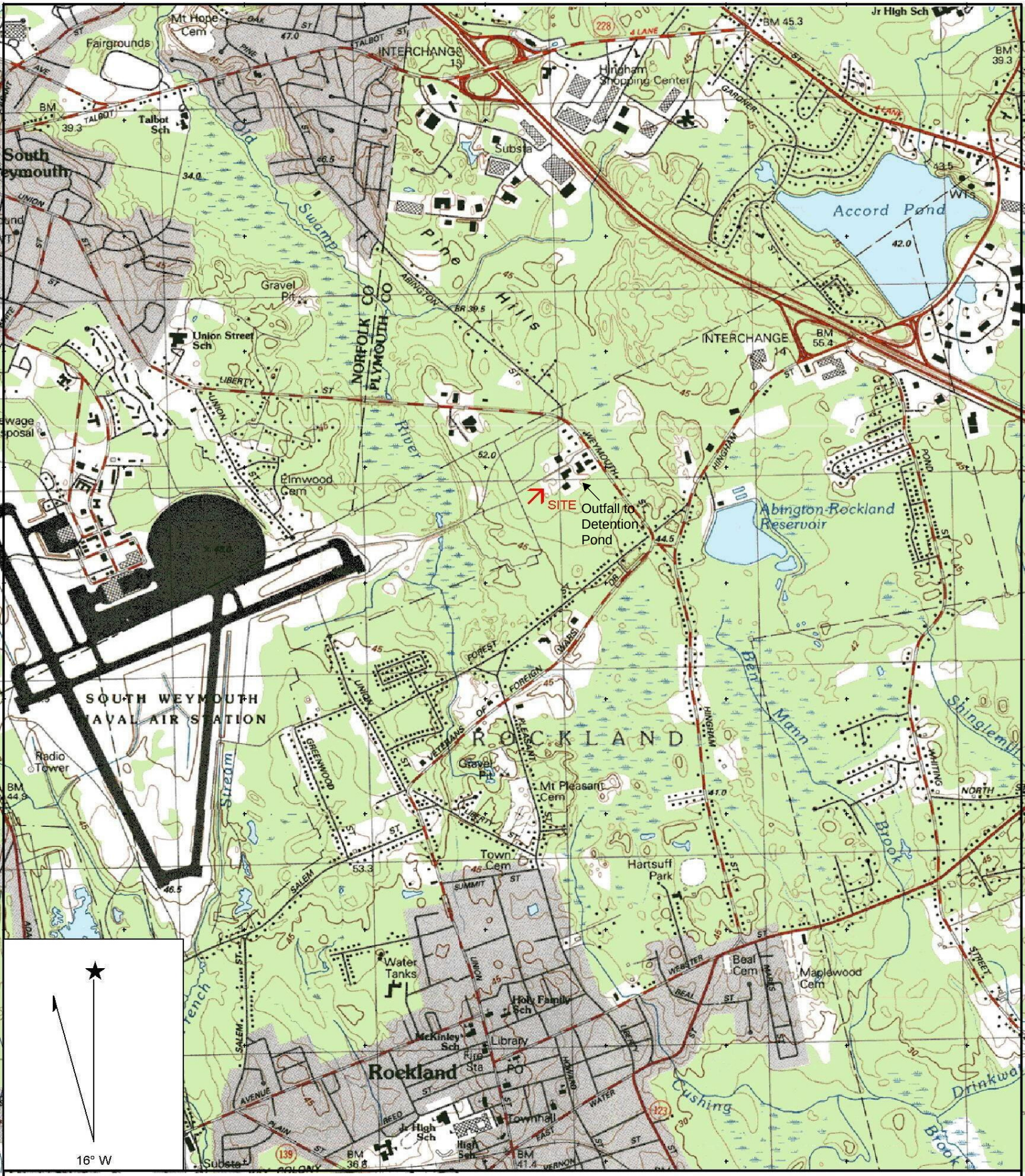

Name: WEYMOUTH
Date: 2/12/2004
Scale: 1 inch equals 2000 feet

Location: 042° 09' 14.1" N 070° 54' 55.5" W
Caption: Figure 3: Site Location Map
ITW-TACC
Rockland, Massachusetts

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Attachment to Section 6
ESA and NHPA Eligibility

Endangered Species Act Review

In accordance with Appendix VII of the Remediation General Permit, potential impacts of the facility discharge and discharge-related activities were assessed to ensure that remediation activities do not adversely affect endangered and threatened species and critical habitat. This assessment followed Section D, *Steps to Determine if ESA Eligibility Criteria Can be Met*, and determined that the facility discharge meets Criterion E: "The discharges and discharge-related activities have already been addressed in another operator's certification of eligibility, which included the facility's activities covered by the RGP". The rationale for this determination is provided below.

Step 1: Determine if You Can Meet Eligibility Criterion "A" (No endangered or threatened species or their designated habitat are likely to occur in proximity to the stormwater discharges or discharge-related activities)

The proposed discharge does not meet Criterion A, because listed endangered species (as listed in Appendix II of the RGP) are known to occur in the Plymouth County, the county where the discharge is located. Note that no federally listed species are located in proximity to the discharge (see attached Massachusetts Natural Heritage Endangered Species Program list of species by town).

Because Criterion A could not be met, the assessment proceeded to Step 2.

Step 2: Determine if You Can Meet Eligibility Criteria "B", "C", or "E"

Criteria B and C are not applicable to the proposed discharge, because an ESA Section 7 consultation has not been conducted, and an ESA Section 10 permit has not been issued for the discharge. However, the facility discharge does meet eligibility Criterion E by answering "yes" to each of the following questions:

- Did another site or facility operator previously certify ESA eligibility for your site or facility? **Yes.**

  The ITW TACC facility previously certified ESA eligibility related to the EPA Multi-Sector General Permit (MSGP) that was filed in March 2009 for stormwater discharges from industrial activities. A consultation letter (attached) was issued by the Massachusetts Natural Heritage Endangered Species Program (NHESP) to the facility on April 7, 1999 in support of the ESA eligibility. The letter stated that, "at this time we are unaware of any rare plants and animals or exemplary natural communities that would be adversely affected by the proposed project". A review of the most up to date NHESP species information for the Town of Rockland (attached) indicates that no federally-listed threatened or endangered species are present in the Town. The stormwater outfall

covered under the MSGP is the same outfall that discharges the proposed discharge related to remediation activities.

- Did the other operator's certification of eligibility consider all currently listed species and critical habitat and address your discharge and related activities? **Yes**

  As stated above, the most current list of endangered and threatened species by town, including species of concern was reviewed. According to this list, no federally-listed species have been observed in Rockland, Massachusetts.

- Has there been no substantial change, since that previous consultation, in:
  - The nature and amount of your discharge and discharge-related activities, **No**
  - The characteristics of the receiving water, **No**
  - The status of listed species and their critical habitat **Not applicable**

- Do you agree to implement all measure, if any, upon which the other operator's certification was based? **Yes**

Historic Properties Review

In accordance with Appendix VII of the Remediation General Permit, applicants must identify whether properties listed or eligible for listing on the National Register of Historic Places are within the path of their discharge or their discharge-related activities covered by the permit.

A review of historic places listed on the National Register as well as state historic places (see attached National Register map and Massachusetts Cultural Resource Information System search results for Air Station Industrial park and Weymouth streets) indicate that no such places are in the path of the proposed discharge, in the vicinity of any construction of treatment systems, or in the vicinity of BMPs related to the discharge or discharge-related activities. Therefore, the discharge meets eligibility criterion (1): "The project does not involve new construction or the demolition or rehabilitation of existing buildings or other structures or facilities and historic properties are not affected by the discharge or identified in the path of the discharges regulated by this permit".

The Official Website of the Department of Fish and Game (DFG)

Department of Fish and Game Commissioner Mary B. Griffin

DFG Home Mass.Gov Home State Agencies State Online Services

MassWildlife
Massachusetts Division of Fisheries & Wildlife
Wayne F. MacCallum, Director

Natural Heritage & Endangered Species

Home Recreation Wildlife Fisheries Natural Heritage Habitat Education Search MassWildlife

Heritage Home

Rare Species by Town

MESA (Massachusetts Endangered Species Act) and Federal Status

Quick Links
» Town Index
» MESA List
» Contact Us

E = Endangered T = Threatened SC = Special Concern

Most Recent Observation

This field represents the most recent observation of that species in a town. However, because they are rare, many MESA-listed species are difficult to detect even when they are present. Natural Heritage does not have the resources to be able to conduct methodical species surveys in each town on a regular basis. Therefore, the fact that the 'Most Recent Observation' recorded for a species may be several years old should not be interpreted as meaning that the species no longer occurs in a town. However, Natural Heritage regards records older than twenty-five years historic.

Click on a town below to view MESA-listed species for that town. To print the species for a particular town, highlight the species using your mouse, go to Print under the File Menu, click on 'Selection' under 'Print Range' and click OK.

For more information about a particular species, view the list of Natural Heritage Fact Sheets.

These data were extracted from the database of the Natural Heritage and Endangered Species Program in September 2009.

Randolph | Raynham | Reading | Rehoboth | Revere | Richmond | Rochester | Rockland | Rockport | Rowe | Rowley | Royalston | Russell | Rutland

Town	Taxonomic Group	Scientific Name	Common Name	MESA Status	Federal Status	Most Recent Observation
RANDOLPH	Amphibian	Ambystoma opacum	Marbled Salamander	T		1995
RANDOLPH	Butterfly/Moth	Metarranthis pilosaria	Coastal Swamp Metarranthis Moth	SC		1994
RANDOLPH	Dragonfly/Damselfly	Enallagma daeckii	Attenuated Bluet	SC		1996
RANDOLPH	Dragonfly/Damselfly	Enallagma laterale	New England Bluet	SC		1989
RANDOLPH	Fish	Notropis bifrenatus	Bridle Shiner	SC		1951

ROCHESTER	Vascular Plant	Panicum rigidulum ssp. pubescens	Long-leaved Panic-grass	T		1987
ROCHESTER	Vascular Plant	Sabatia kennedyana	Plymouth Gentian	SC		2006

Town	Taxonomic Group	Scientific Name	Common Name	MESA Status	Federal Status	Most Recent Observation
ROCKLAND	Bird	Ammodramus savannarum	Grasshopper Sparrow	T		2005
ROCKLAND	Bird	Bartramia longicauda	Upland Sandpiper	E		2005
ROCKLAND	Dragonfly/Damselfly	Somatochlora linearis	Mocha Emerald	SC		2003
ROCKLAND	Fish	Notropis bifrenatus	Bridle Shiner	SC		1952
ROCKLAND	Reptile	Terrapene carolina	Eastern Box Turtle	SC		2006
ROCKLAND	Vascular Plant	Aristida tuberculosa	Seabeach Needlegrass	T		1920

Town	Taxonomic Group	Scientific Name	Common Name	MESA Status	Federal Status	Most Recent Observation
ROCKPORT	Bird	Ixobrychus exilis	Least Bittern	E		2001
ROCKPORT	Bird	Sterna dougallii	Roseate Tern	E	E	1920
ROCKPORT	Bird	Sterna hirundo	Common Tern	SC		1920
ROCKPORT	Reptile	Terrapene carolina	Eastern Box Turtle	SC		1937
ROCKPORT	Vascular Plant	Ophioglossum pusillum	Adder's-tongue Fern	T		1928
ROCKPORT	Vascular Plant	Platanthera flava var. herbiola	Pale Green Orchis	T		1921
ROCKPORT	Vascular Plant	Rumex pallidus	Seabeach Dock	T		2008

Town	Taxonomic Group	Scientific Name	Common Name	MESA Status	Federal Status	Most Recent Observation
ROWE	Bird	Haliaeetus leucocephalus	Bald Eagle	E		Historic
ROWE	Dragonfly/Damselfly	Boyeria grafiana	Ocellated Darner	SC		1997
ROWE	Dragonfly/Damselfly	Enallagma laterale	New England Bluet	SC		2002
ROWE	Fish	Catostomus catostomus	Longnose Sucker	SC		2006
ROWE	Vascular Plant	Alnus viridis ssp. crispa	Mountain Alder	T		2008
ROWE	Vascular Plant	Carex lenticularis	Shore Sedge	T		2006
ROWE	Vascular Plant	Corallorhiza odontorhiza	Autumn Coralroot	SC		2002
ROWE	Vascular Plant	Lygodium palmatum	Climbing Fern	SC		1915
ROWE	Vascular Plant	Myriophyllum farwellii	Farwell's Water-milfoil	E		2006
ROWE	Vascular Plant	Ophioglossum pusillum	Adder's-tongue Fern	T		1988
ROWE	Vascular Plant	Platanthera flava var. herbiola	Pale Green Orchis	T		2007
ROWE	Vascular Plant	Ribes lacustre	Bristly Black Currant	SC		2003

Commonwealth of Massachusetts

Division of Fisheries & Wildlife

Wayne F. MacCallum, *Director*

7 April 1999

R. Jeffrey Riotte
Web Engineering Associates, Inc.
106 Longwater Drive
Norwell, MA 02061

Re: Tacc International – Storm Water Discharge
Rockland, MA
NHESP File: 99-5085

Dear Mr. Riotte,

Thank you for contacting the Natural Heritage and Endangered Species Program for information regarding state-protected rare species in the vicinity of the project referred to above.

At this time we are not aware of any rare plants or animals or exemplary natural communities that would be adversely affected by the proposed project.

This review concerns only rare species of plants and animals and ecologically significant natural communities for which the Program maintains site-specific records. This review does not rule out the possibility that more common wildlife or vegetation might be adversely affected by the project, especially if it will modify currently undeveloped areas. Should project plans change, or new rare species information become available, this evaluation may be reconsidered.

Please call me at (508) 792-7270 x165 if you have any questions.

Sincerely,

Hanni Dinkeloo
Endangered Species Counsel

Natural Heritage & Endangered Species Program
Route 135, Westborough, MA 01581 **Tel:** (508) 792-7270 x 200 **Fax:** (508) 792-7275
An Agency of the Department of Fisheries, Wildlife & Environmental Law Enforcement
http://www.state.ma.us/dfwele

NATIONAL PARK SERVICE
NATIONAL REGISTER
OF HISTORIC PLACES
Commerce Rd
Sharp St
Ledgewood Pl
Hingham St
56 Airport Park Dr, Rockland, MA 02370
Reservoir Park Dr
Weymouth St
Forest St
Palmenter Dr
VFW Dr
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Imagery Date: Jun 19, 2010
42°09'32.85" N 70°54'32.82" W elev 160 ft
Eye alt 4072 ft

Massachusetts Cultural Resource Information System
MACRIS

MACRIS Search Results

Search Criteria: Town(s): Rockland; Street Name: Air Station Industrial Park; Resource Type(s): Area, Building, Burial Ground, Object, Structure;

Inv. No.	Property Name	Street	Town	Year

Massachusetts Cultural Resource Information System
MACRIS

MACRIS Search Results

Search Criteria: Town(s): Rockland; Street Name: Weymouth St; Resource Type(s): Area, Building, Burial Ground, Object, Structure;

Inv. No.	Property Name	Street	Town	Year

Laboratory Analytical Data Sheets

Project Name:	ITW-TACC	**Lab Number:**	L1008041
Project Number:	135546	**Report Date:**	06/07/10

SAMPLE RESULTS

Lab ID:	L1008041-22 D	Date Collected:	05/27/10 15:25
Client ID:	SYSTEM INFLUENT	Date Received:	05/28/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	97,8260B		
Analytical Date:	06/02/10 18:09		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	1000	--	200
1,1-Dichloroethane	2600		ug/l	200	--	200
Chloroform	ND		ug/l	200	--	200
Carbon tetrachloride	ND		ug/l	200	--	200
1,2-Dichloropropane	ND		ug/l	200	--	200
Dibromochloromethane	ND		ug/l	200	--	200
1,1,2-Trichloroethane	ND		ug/l	200	--	200
Tetrachloroethene	ND		ug/l	200	--	200
Chlorobenzene	ND		ug/l	200	--	200
Trichlorofluoromethane	ND		ug/l	400	--	200
1,2-Dichloroethane	ND		ug/l	200	--	200
1,1,1-Trichloroethane	4500		ug/l	200	--	200
Bromodichloromethane	ND		ug/l	200	--	200
trans-1,3-Dichloropropene	ND		ug/l	100	--	200
cis-1,3-Dichloropropene	ND		ug/l	100	--	200
1,1-Dichloropropene	ND		ug/l	400	--	200
Bromoform	ND		ug/l	400	--	200
1,1,2,2-Tetrachloroethane	ND		ug/l	200	--	200
Benzene	ND		ug/l	200	--	200
Toluene	2200		ug/l	200	--	200
Ethylbenzene	ND		ug/l	200	--	200
Chloromethane	ND		ug/l	400	--	200
Bromomethane	ND		ug/l	1000	--	200
Vinyl chloride	ND		ug/l	200	--	200
Chloroethane	ND		ug/l	400	--	200
1,1-Dichloroethene	470		ug/l	200	--	200
trans-1,2-Dichloroethene	ND		ug/l	200	--	200
Trichloroethene	ND		ug/l	200	--	200
1,2-Dichlorobenzene	ND		ug/l	200	--	200
1,3-Dichlorobenzene	ND		ug/l	200	--	200

SAMPLE RESULTS

Lab ID: L1008041-22 D
Client ID: SYSTEM INFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 05/27/10 15:25
Date Received: 05/28/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	200	--	200
Methyl tert butyl ether	ND		ug/l	400	--	200
p/m-Xylene	ND		ug/l	400	--	200
o-Xylene	ND		ug/l	200	--	200
cis-1,2-Dichloroethene	960		ug/l	200	--	200
Dibromomethane	ND		ug/l	400	--	200
1,2,3-Trichloropropane	ND		ug/l	400	--	200
Styrene	ND		ug/l	200	--	200
Dichlorodifluoromethane	ND		ug/l	400	--	200
Acetone	ND		ug/l	1000	--	200
Carbon disulfide	ND		ug/l	400	--	200
2-Butanone	ND		ug/l	1000	--	200
4-Methyl-2-pentanone	ND		ug/l	1000	--	200
2-Hexanone	ND		ug/l	1000	--	200
Bromochloromethane	ND		ug/l	400	--	200
Tetrahydrofuran	ND		ug/l	2000	--	200
2,2-Dichloropropane	ND		ug/l	400	--	200
1,2-Dibromoethane	ND		ug/l	400	--	200
1,3-Dichloropropane	ND		ug/l	400	--	200
1,1,1,2-Tetrachloroethane	ND		ug/l	200	--	200
Bromobenzene	ND		ug/l	400	--	200
n-Butylbenzene	ND		ug/l	400	--	200
sec-Butylbenzene	ND		ug/l	400	--	200
tert-Butylbenzene	ND		ug/l	400	--	200
o-Chlorotoluene	ND		ug/l	400	--	200
p-Chlorotoluene	ND		ug/l	400	--	200
1,2-Dibromo-3-chloropropane	ND		ug/l	1000	--	200
Hexachlorobutadiene	ND		ug/l	120	--	200
Isopropylbenzene	ND		ug/l	400	--	200
p-Isopropyltoluene	ND		ug/l	400	--	200
Naphthalene	ND		ug/l	1000	--	200
n-Propylbenzene	ND		ug/l	400	--	200
1,2,3-Trichlorobenzene	ND		ug/l	400	--	200
1,2,4-Trichlorobenzene	ND		ug/l	400	--	200
1,3,5-Trimethylbenzene	ND		ug/l	400	--	200
1,2,4-Trimethylbenzene	ND		ug/l	400	--	200
Ethyl ether	ND		ug/l	400	--	200

SAMPLE RESULTS

Lab ID: L1008041-22 D
Client ID: SYSTEM INFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 05/27/10 15:25
Date Received: 05/28/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Isopropyl Ether	ND		ug/l	400	--	200
Ethyl-Tert-Butyl-Ether	ND		ug/l	400	--	200
Tertiary-Amyl Methyl Ether	ND		ug/l	400	--	200
1,4-Dioxane	ND		ug/l	50000	--	200
Tentatively Identified Compounds						
Pentane, 2-methyl-	970	J	ug/l			200
Unknown Hydrocarbon	1800	J	ug/l			200
Unknown	430	J	ug/l			200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	117		70-130

SAMPLE RESULTS

Lab ID:	L1008041-23 D	Date Collected:	05/27/10 15:30
Client ID:	SYSTEM EFFLUENT	Date Received:	05/28/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	97,8260B		
Analytical Date:	06/03/10 17:44		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	20	--	4
1,1-Dichloroethane	150		ug/l	4.0	--	4
Chloroform	ND		ug/l	4.0	--	4
Carbon tetrachloride	ND		ug/l	4.0	--	4
1,2-Dichloropropane	ND		ug/l	4.0	--	4
Dibromochloromethane	ND		ug/l	4.0	--	4
1,1,2-Trichloroethane	ND		ug/l	4.0	--	4
Tetrachloroethene	ND		ug/l	4.0	--	4
Chlorobenzene	ND		ug/l	4.0	--	4
Trichlorofluoromethane	ND		ug/l	8.0	--	4
1,2-Dichloroethane	ND		ug/l	4.0	--	4
1,1,1-Trichloroethane	61		ug/l	4.0	--	4
Bromodichloromethane	ND		ug/l	4.0	--	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	--	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	--	4
1,1-Dichloropropene	ND		ug/l	8.0	--	4
Bromoform	ND		ug/l	8.0	--	4
1,1,2,2-Tetrachloroethane	ND		ug/l	4.0	--	4
Benzene	ND		ug/l	4.0	--	4
Toluene	ND		ug/l	4.0	--	4
Ethylbenzene	ND		ug/l	4.0	--	4
Chloromethane	ND		ug/l	8.0	--	4
Bromomethane	ND		ug/l	20	--	4
Vinyl chloride	ND		ug/l	4.0	--	4
Chloroethane	9.1		ug/l	8.0	--	4
1,1-Dichloroethene	ND		ug/l	4.0	--	4
trans-1,2-Dichloroethene	ND		ug/l	4.0	--	4
Trichloroethene	ND		ug/l	4.0	--	4
1,2-Dichlorobenzene	ND		ug/l	4.0	--	4
1,3-Dichlorobenzene	ND		ug/l	4.0	--	4

SAMPLE RESULTS

Lab ID: L1008041-23 D
Client ID: SYSTEM EFFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 05/27/10 15:30
Date Received: 05/28/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	4.0	--	4
Methyl tert butyl ether	ND		ug/l	8.0	--	4
p/m-Xylene	ND		ug/l	8.0	--	4
o-Xylene	ND		ug/l	4.0	--	4
cis-1,2-Dichloroethene	ND		ug/l	4.0	--	4
Dibromomethane	ND		ug/l	8.0	--	4
1,2,3-Trichloropropane	ND		ug/l	8.0	--	4
Styrene	ND		ug/l	4.0	--	4
Dichlorodifluoromethane	ND		ug/l	8.0	--	4
Acetone	ND		ug/l	20	--	4
Carbon disulfide	ND		ug/l	8.0	--	4
2-Butanone	ND		ug/l	20	--	4
4-Methyl-2-pentanone	ND		ug/l	20	--	4
2-Hexanone	ND		ug/l	20	--	4
Bromochloromethane	ND		ug/l	8.0	--	4
Tetrahydrofuran	ND		ug/l	40	--	4
2,2-Dichloropropane	ND		ug/l	8.0	--	4
1,2-Dibromoethane	ND		ug/l	8.0	--	4
1,3-Dichloropropane	ND		ug/l	8.0	--	4
1,1,1,2-Tetrachloroethane	ND		ug/l	4.0	--	4
Bromobenzene	ND		ug/l	8.0	--	4
n-Butylbenzene	ND		ug/l	8.0	--	4
sec-Butylbenzene	ND		ug/l	8.0	--	4
tert-Butylbenzene	ND		ug/l	8.0	--	4
o-Chlorotoluene	ND		ug/l	8.0	--	4
p-Chlorotoluene	ND		ug/l	8.0	--	4
1,2-Dibromo-3-chloropropane	ND		ug/l	20	--	4
Hexachlorobutadiene	ND		ug/l	2.4	--	4
Isopropylbenzene	ND		ug/l	8.0	--	4
p-Isopropyltoluene	ND		ug/l	8.0	--	4
Naphthalene	ND		ug/l	20	--	4
n-Propylbenzene	ND		ug/l	8.0	--	4
1,2,3-Trichlorobenzene	ND		ug/l	8.0	--	4
1,2,4-Trichlorobenzene	ND		ug/l	8.0	--	4
1,3,5-Trimethylbenzene	ND		ug/l	8.0	--	4
1,2,4-Trimethylbenzene	ND		ug/l	8.0	--	4
Ethyl ether	ND		ug/l	8.0	--	4

Project Name:	ITW-TACC	**Lab Number:**	L1008041
Project Number:	135546	**Report Date:**	06/07/10

SAMPLE RESULTS

Lab ID:	L1008041-23 D	Date Collected:	05/27/10 15:30
Client ID:	SYSTEM EFFLUENT	Date Received:	05/28/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Isopropyl Ether	ND		ug/l	8.0	--	4
Ethyl-Tert-Butyl-Ether	ND		ug/l	8.0	--	4
Tertiary-Amyl Methyl Ether	ND		ug/l	8.0	--	4
1,4-Dioxane	ND		ug/l	1000	--	4
Tentatively Identified Compounds						
Sulfur Dioxide	16	J	ug/l			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	97		70-130

Project Name:	ITW-TACC	**Lab Number:**	L1010076
Project Number:	01810	**Report Date:**	07/12/10

SAMPLE RESULTS

Lab ID:	L1010076-01	D	Date Collected:	06/29/10 12:45
Client ID:	INFLUENT		Date Received:	07/02/10
Sample Location:	ROCKLAND, MA		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	97,8260B			
Analytical Date:	07/08/10 15:10			
Analyst:	MM			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	200	--	100
1,1-Dichloroethane	3000		ug/l	100	--	100
Chloroform	ND		ug/l	100	--	100
Carbon tetrachloride	ND		ug/l	100	--	100
1,2-Dichloropropane	ND		ug/l	100	--	100
Dibromochloromethane	ND		ug/l	100	--	100
1,1,2-Trichloroethane	ND		ug/l	100	--	100
Tetrachloroethene	ND		ug/l	100	--	100
Chlorobenzene	ND		ug/l	100	--	100
Trichlorofluoromethane	ND		ug/l	200	--	100
1,2-Dichloroethane	ND		ug/l	100	--	100
1,1,1-Trichloroethane	5600		ug/l	100	--	100
Bromodichloromethane	ND		ug/l	100	--	100
trans-1,3-Dichloropropene	ND		ug/l	50	--	100
cis-1,3-Dichloropropene	ND		ug/l	50	--	100
1,1-Dichloropropene	ND		ug/l	200	--	100
Bromoform	ND		ug/l	200	--	100
1,1,2,2-Tetrachloroethane	ND		ug/l	100	--	100
Benzene	ND		ug/l	100	--	100
Toluene	320		ug/l	100	--	100
Ethylbenzene	ND		ug/l	100	--	100
Chloromethane	ND		ug/l	200	--	100
Bromomethane	ND		ug/l	200	--	100
Vinyl chloride	ND		ug/l	100	--	100
Chloroethane	450		ug/l	200	--	100
1,1-Dichloroethene	410		ug/l	100	--	100
trans-1,2-Dichloroethene	ND		ug/l	100	--	100
Trichloroethene	ND		ug/l	100	--	100
1,2-Dichlorobenzene	ND		ug/l	100	--	100
1,3-Dichlorobenzene	ND		ug/l	100	--	100

SAMPLE RESULTS

Lab ID: L1010076-01 D
Client ID: INFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 06/29/10 12:45
Date Received: 07/02/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	100	--	100
Methyl tert butyl ether	ND		ug/l	200	--	100
p/m-Xylene	ND		ug/l	200	--	100
o-Xylene	ND		ug/l	100	--	100
cis-1,2-Dichloroethene	1300		ug/l	100	--	100
Dibromomethane	ND		ug/l	200	--	100
1,2,3-Trichloropropane	ND		ug/l	200	--	100
Styrene	ND		ug/l	100	--	100
Dichlorodifluoromethane	ND		ug/l	200	--	100
Acetone	ND		ug/l	500	--	100
Carbon disulfide	ND		ug/l	200	--	100
2-Butanone	ND		ug/l	500	--	100
4-Methyl-2-pentanone	ND		ug/l	500	--	100
2-Hexanone	ND		ug/l	500	--	100
Bromochloromethane	ND		ug/l	200	--	100
Tetrahydrofuran	ND		ug/l	1000	--	100
2,2-Dichloropropane	ND		ug/l	200	--	100
1,2-Dibromoethane	ND		ug/l	200	--	100
1,3-Dichloropropane	ND		ug/l	200	--	100
1,1,1,2-Tetrachloroethane	ND		ug/l	100	--	100
Bromobenzene	ND		ug/l	200	--	100
n-Butylbenzene	ND		ug/l	200	--	100
sec-Butylbenzene	ND		ug/l	200	--	100
tert-Butylbenzene	ND		ug/l	200	--	100
o-Chlorotoluene	ND		ug/l	200	--	100
p-Chlorotoluene	ND		ug/l	200	--	100
1,2-Dibromo-3-chloropropane	ND		ug/l	200	--	100
Hexachlorobutadiene	ND		ug/l	60	--	100
Isopropylbenzene	ND		ug/l	200	--	100
p-Isopropyltoluene	ND		ug/l	200	--	100
Naphthalene	ND		ug/l	500	--	100
n-Propylbenzene	ND		ug/l	200	--	100
1,2,3-Trichlorobenzene	ND		ug/l	200	--	100
1,2,4-Trichlorobenzene	ND		ug/l	200	--	100
1,3,5-Trimethylbenzene	ND		ug/l	200	--	100
1,2,4-Trimethylbenzene	ND		ug/l	200	--	100
Ethyl ether	ND		ug/l	200	--	100

SAMPLE RESULTS

Lab ID:	L1010076-01	D	Date Collected:	06/29/10 12:45
Client ID:	INFLUENT		Date Received:	07/02/10
Sample Location:	ROCKLAND, MA		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Isopropyl Ether	ND		ug/l	200	--	100
Ethyl-Tert-Butyl-Ether	ND		ug/l	200	--	100
Tertiary-Amyl Methyl Ether	ND		ug/l	200	--	100
1,4-Dioxane	ND		ug/l	25000	--	100
Tentatively Identified Compounds						
Unknown	210	J	ug/l			100
Unknown Alkane	230	J	ug/l			100
Unknown	230	J	ug/l			100
Hexane	350	J	ug/l			100
Cyclopentane, methyl-	510	J	ug/l			100
Unknown C6H12	140	J	ug/l			100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	107		70-130

Project Name:	ITW-TACC	**Lab Number:**	L1010076
Project Number:	01810	**Report Date:**	07/12/10

SAMPLE RESULTS

Lab ID:	L1010076-03	Date Collected:	06/29/10 13:05
Client ID:	EFFLUENT	Date Received:	07/02/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	97,8260B		
Analytical Date:	07/08/10 16:15		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	23		ug/l	2.0	--	1
t,1-Dichloroethane	14		ug/l	1.0	--	1
Chloroform	ND		ug/l	1.0	--	1
Carbon tetrachloride	ND		ug/l	1.0	--	1
t,2-Dichloropropane	ND		ug/l	1.0	--	1
Dibromochloromethane	ND		ug/l	1.0	--	1
1,1,2-Trichloroethane	ND		ug/l	1.0	--	1
Tetrachloroethene	ND		ug/l	1.0	--	1
Chlorobenzene	ND		ug/l	1.0	--	1
Trichlorofluoromethane	ND		ug/l	2.0	--	1
1,2-Dichloroethane	ND		ug/l	1.0	--	1
t,1,1-Trichloroethane	ND		ug/l	1.0	--	1
Bromodichloromethane	ND		ug/l	1.0	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.0	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Benzene	ND		ug/l	1.0	--	1
Toluene	ND		ug/l	1.0	--	1
Ethylbenzene	ND		ug/l	1.0	--	1
Chloromethane	ND		ug/l	2.0	--	1
Bromomethane	ND		ug/l	2.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	2.0	--	1
1,1-Dichloroethene	ND		ug/l	1.0	--	1
trans-1,2-Dichloroethene	ND		ug/l	1.0	--	1
Trichloroethene	ND		ug/l	1.0	--	1
1,2-Dichlorobenzene	ND		ug/l	1.0	--	1
1,3-Dichlorobenzene	ND		ug/l	1.0	--	1

SAMPLE RESULTS

Lab ID: L1010076-03
Client ID: EFFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 06/29/10 13:05
Date Received: 07/02/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	1.0	--	1
Methyl tert butyl ether	ND		ug/l	2.0	--	1
p/m-Xylene	ND		ug/l	2.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	--	1
Dibromomethane	ND		ug/l	2.0	--	1
1,2,3-Trichloropropane	ND		ug/l	2.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	2.0	--	1
Acetone	46		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	2.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.0	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Bromobenzene	ND		ug/l	2.0	--	1
n-Butylbenzene	ND		ug/l	2.0	--	1
sec-Butylbenzene	ND		ug/l	2.0	--	1
tert-Butylbenzene	ND		ug/l	2.0	--	1
o-Chlorotoluene	ND		ug/l	2.0	--	1
p-Chlorotoluene	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.0	--	1
Hexachlorobutadiene	ND		ug/l	0.60	--	1
Isopropylbenzene	ND		ug/l	2.0	--	1
p-Isopropyltoluene	ND		ug/l	2.0	--	1
Naphthalene	ND		ug/l	5.0	--	1
n-Propylbenzene	ND		ug/l	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.0	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.0	--	1
Ethyl ether	ND		ug/l	2.0	--	1

SAMPLE RESULTS

Lab ID:	L1010076-03	Date Collected:	06/29/10 13:05
Client ID:	EFFLUENT	Date Received:	07/02/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Isopropyl Ether	ND		ug/l	2.0	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Tentatively Identified Compounds						
Dimethyl ether	23	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	113		70-130

Project Name:	ITW	**Lab Number:**	L1011793
Project Number:	135546	**Report Date:**	08/09/10

SAMPLE RESULTS

Lab ID:	L1011793-01	D	Date Collected:	07/31/10 10:00
Client ID:	INFLUENT		Date Received:	08/03/10
Sample Location:	ROCKLAND, MA		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	97,8260B			
Analytical Date:	08/05/10 10:40			
Analyst:	MM			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	100	--	50
1,1-Dichloroethane	3700		ug/l	50	--	50
Chloroform	ND		ug/l	50	--	50
Carbon tetrachloride	ND		ug/l	50	--	50
1,2-Dichloropropane	ND		ug/l	50	--	50
Dibromochloromethane	ND		ug/l	50	--	50
1,1,2-Trichloroethane	ND		ug/l	50	--	50
Tetrachloroethene	ND		ug/l	50	--	50
Chlorobenzene	ND		ug/l	50	--	50
Trichlorofluoromethane	ND		ug/l	100	--	50
1,2-Dichloroethane	ND		ug/l	50	--	50
1,1,1-Trichloroethane	9300		ug/l	50	--	50
Bromodichloromethane	ND		ug/l	50	--	50
trans-1,3-Dichloropropene	ND		ug/l	25	--	50
cis-1,3-Dichloropropene	ND		ug/l	25	--	50
1,1-Dichloropropene	ND		ug/l	100	--	50
Bromoform	ND		ug/l	100	--	50
1,1,2,2-Tetrachloroethane	ND		ug/l	50	--	50
Benzene	ND		ug/l	50	--	50
Toluene	2300		ug/l	50	--	50
Ethylbenzene	ND		ug/l	50	--	50
Chloromethane	ND		ug/l	100	--	50
Bromomethane	ND		ug/l	100	--	50
Vinyl chloride	130		ug/l	50	--	50
Chloroethane	1000		ug/l	100	--	50
1,1-Dichloroethene	320		ug/l	50	--	50
trans-1,2-Dichloroethene	ND		ug/l	50	--	50
Trichloroethene	190		ug/l	50	--	50
1,2-Dichlorobenzene	ND		ug/l	50	--	50
1,3-Dichlorobenzene	ND		ug/l	50	--	50

SAMPLE RESULTS

Lab ID: L1011793-01 D
Client ID: INFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 07/31/10 10:00
Date Received: 08/03/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	50	--	50
Methyl tert butyl ether	ND		ug/l	100	--	50
p/m-Xylene	ND		ug/l	100	--	50
o-Xylene	ND		ug/l	50	--	50
cis-1,2-Dichloroethene	1900		ug/l	50	--	50
Dibromomethane	ND		ug/l	100	--	50
1,2,3-Trichloropropane	ND		ug/l	100	--	50
Styrene	ND		ug/l	50	--	50
Dichlorodifluoromethane	ND		ug/l	100	--	50
Acetone	ND		ug/l	250	--	50
Carbon disulfide	ND		ug/l	100	--	50
2-Butanone	ND		ug/l	250	--	50
4-Methyl-2-pentanone	ND		ug/l	250	--	50
2-Hexanone	ND		ug/l	250	--	50
Bromochloromethane	ND		ug/l	100	--	50
Tetrahydrofuran	ND		ug/l	500	--	50
2,2-Dichloropropane	ND		ug/l	100	--	50
1,2-Dibromoethane	ND		ug/l	100	--	50
1,3-Dichloropropane	ND		ug/l	100	--	50
1,1,1,2-Tetrachloroethane	ND		ug/l	50	--	50
Bromobenzene	ND		ug/l	100	--	50
n-Butylbenzene	ND		ug/l	100	--	50
sec-Butylbenzene	ND		ug/l	100	--	50
tert-Butylbenzene	ND		ug/l	100	--	50
o-Chlorotoluene	ND		ug/l	100	--	50
p-Chlorotoluene	ND		ug/l	100	--	50
1,2-Dibromo-3-chloropropane	ND		ug/l	100	--	50
Hexachlorobutadiene	ND		ug/l	30	--	50
Isopropylbenzene	ND		ug/l	100	--	50
p-Isopropyltoluene	ND		ug/l	100	--	50
Naphthalene	ND		ug/l	250	--	50
n-Propylbenzene	ND		ug/l	100	--	50
1,2,3-Trichlorobenzene	ND		ug/l	100	--	50
1,2,4-Trichlorobenzene	ND		ug/l	100	--	50
1,3,5-Trimethylbenzene	ND		ug/l	100	--	50
1,2,4-Trimethylbenzene	ND		ug/l	100	--	50
Ethyl ether	ND		ug/l	100	--	50

SAMPLE RESULTS

Lab ID:	L1011793-01	D	Date Collected:	07/31/10 10:00
Client ID:	INFLUENT		Date Received:	08/03/10
Sample Location:	ROCKLAND, MA		Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Isopropyl Ether	ND		ug/l	100	--	50
Ethyl-Tert-Butyl-Ether	ND		ug/l	100	--	50
Tertiary-Amyl Methyl Ether	ND		ug/l	100	--	50
1,4-Dioxane	ND		ug/l	12000	--	50
Tentatively Identified Compounds						
Ethane, 1,2-dichloro-1,1,2-	92	J	ug/l			50
Pentane, 2-methyl-	530	J	ug/l			50
Pentane, 3-methyl-	670	J	ug/l			50
Hexane	610	J	ug/l			50
Unknown Hydrocarbon	51	J	ug/l			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	109		70-130

Project Name: ITW
Project Number: 135546

Lab Number: L1011793
Report Date: 08/09/10

SAMPLE RESULTS

Lab ID:	L1011793-03	Date Collected:	07/31/10 10:15
Client ID:	EFFLUENT	Date Received:	08/03/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	97,8260B		
Analytical Date:	08/05/10 11:44		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	6.2		ug/l	2.0	--	1
1,1-Dichloroethane	24		ug/l	1.0	--	1
Chloroform	ND		ug/l	1.0	--	1
Carbon tetrachloride	ND		ug/l	1.0	--	1
1,2-Dichloropropane	ND		ug/l	1.0	--	1
Dibromochloromethane	ND		ug/l	1.0	--	1
1,1,2-Trichloroethane	ND		ug/l	1.0	--	1
Tetrachloroethene	ND		ug/l	1.0	--	1
Chlorobenzene	ND		ug/l	1.0	--	1
Trichlorofluoromethane	ND		ug/l	2.0	--	1
1,2-Dichloroethane	ND		ug/l	1.0	--	1
1,1,1-Trichloroethane	4.1		ug/l	1.0	--	1
Bromodichloromethane	ND		ug/l	1.0	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.0	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Benzene	ND		ug/l	1.0	--	1
Toluene	ND		ug/l	1.0	--	1
Ethylbenzene	ND		ug/l	1.0	--	1
Chloromethane	ND		ug/l	2.0	--	1
Bromomethane	ND		ug/l	2.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	2.6		ug/l	2.0	--	1
1,1-Dichloroethene	ND		ug/l	1.0	--	1
trans-1,2-Dichloroethene	ND		ug/l	1.0	--	1
Trichloroethene	ND		ug/l	1.0	--	1
1,2-Dichlorobenzene	ND		ug/l	1.0	--	1
1,3-Dichlorobenzene	ND		ug/l	1.0	--	1

SAMPLE RESULTS

Lab ID: L1011793-03
Client ID: EFFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 07/31/10 10:15
Date Received: 08/03/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	1.0	--	1
Methyl tert butyl ether	ND		ug/l	2.0	--	1
p/m-Xylene	ND		ug/l	2.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	--	1
Dibromomethane	ND		ug/l	2.0	--	1
1,2,3-Trichloropropane	ND		ug/l	2.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	2.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	2.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.0	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Bromobenzene	ND		ug/l	2.0	--	1
n-Butylbenzene	ND		ug/l	2.0	--	1
sec-Butylbenzene	ND		ug/l	2.0	--	1
tert-Butylbenzene	ND		ug/l	2.0	--	1
o-Chlorotoluene	ND		ug/l	2.0	--	1
p-Chlorotoluene	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.0	--	1
Hexachlorobutadiene	ND		ug/l	0.60	--	1
Isopropylbenzene	ND		ug/l	2.0	--	1
p-Isopropyltoluene	ND		ug/l	2.0	--	1
Naphthalene	ND		ug/l	5.0	--	1
n-Propylbenzene	ND		ug/l	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.0	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.0	--	1
Ethyl ether	ND		ug/l	2.0	--	1

SAMPLE RESULTS

Lab ID:	L1011793-03	Date Collected:	07/31/10 10:15
Client ID:	EFFLUENT	Date Received:	08/03/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Isopropyl Ether	ND		ug/l	2.0	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Tentatively Identified Compounds						
Unknown ether	2.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	115		70-130

SAMPLE RESULTS

Lab ID:	L1013561-06	D2	Date Collected:	08/31/10 15:30
Client ID:	INFLUENT		Date Received:	09/01/10
Sample Location:	ROCKLAND, MA		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	97,8260B			
Analytical Date:	09/08/10 15:59			
Analyst:	MM			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,1,1-Trichloroethane	9600		ug/l	200	--	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	108		70-130

SAMPLE RESULTS

Lab ID:	L1013561-06	D	Date Collected:	08/31/10 15:30
Client ID:	INFLUENT		Date Received:	09/01/10
Sample Location:	ROCKLAND, MA		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	97,8260B			
Analytical Date:	09/03/10 15:00			
Analyst:	MM			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	100	--	50
1,1-Dichloroethane	2800		ug/l	50	--	50
Chloroform	ND		ug/l	50	--	50
Carbon tetrachloride	ND		ug/l	50	--	50
1,2-Dichloropropane	ND		ug/l	50	--	50
Dibromochloromethane	ND		ug/l	50	--	50
1,1,2-Trichloroethane	ND		ug/l	50	--	50
Tetrachloroethene	ND		ug/l	50	--	50
Chlorobenzene	ND		ug/l	50	--	50
Trichlorofluoromethane	ND		ug/l	100	--	50
1,2-Dichloroethane	ND		ug/l	50	--	50
1,1,1-Trichloroethane	12000	E	ug/l	50	--	50
Bromodichloromethane	ND		ug/l	50	--	50
trans-1,3-Dichloropropene	ND		ug/l	25	--	50
cis-1,3-Dichloropropene	ND		ug/l	25	--	50
1,1-Dichloropropene	ND		ug/l	100	--	50
Bromoform	ND		ug/l	100	--	50
1,1,2,2-Tetrachloroethane	ND		ug/l	50	--	50
Benzene	ND		ug/l	50	--	50
Toluene	1000		ug/l	50	--	50
Ethylbenzene	ND		ug/l	50	--	50
Chloromethane	ND		ug/l	100	--	50
Bromomethane	ND		ug/l	100	--	50
Vinyl chloride	100		ug/l	50	--	50
Chloroethane	1100		ug/l	100	--	50
1,1-Dichloroethene	350		ug/l	50	--	50
trans-1,2-Dichloroethene	ND		ug/l	50	--	50
Trichloroethene	160		ug/l	50	--	50
1,2-Dichlorobenzene	ND		ug/l	50	--	50
1,3-Dichlorobenzene	ND		ug/l	50	--	50

SAMPLE RESULTS

Lab ID: L1013561-06 D
Client ID: INFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 08/31/10 15:30
Date Received: 09/01/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	50	--	50
Methyl tert butyl ether	ND		ug/l	100	--	50
p/m-Xylene	ND		ug/l	100	--	50
o-Xylene	ND		ug/l	50	--	50
cis-1,2-Dichloroethene	1800		ug/l	50	--	50
Dibromomethane	ND		ug/l	100	--	50
1,2,3-Trichloropropane	ND		ug/l	100	--	50
Styrene	ND		ug/l	50	--	50
Dichlorodifluoromethane	ND		ug/l	100	--	50
Acetone	ND		ug/l	250	--	50
Carbon disulfide	ND		ug/l	100	--	50
2-Butanone	ND		ug/l	250	--	50
4-Methyl-2-pentanone	ND		ug/l	250	--	50
2-Hexanone	ND		ug/l	250	--	50
Bromochloromethane	ND		ug/l	100	--	50
Tetrahydrofuran	ND		ug/l	500	--	50
2,2-Dichloropropane	ND		ug/l	100	--	50
1,2-Dibromoethane	ND		ug/l	100	--	50
1,3-Dichloropropane	ND		ug/l	100	--	50
1,1,1,2-Tetrachloroethane	ND		ug/l	50	--	50
Bromobenzene	ND		ug/l	100	--	50
n-Butylbenzene	ND		ug/l	100	--	50
sec-Butylbenzene	ND		ug/l	100	--	50
tert-Butylbenzene	ND		ug/l	100	--	50
o-Chlorotoluene	ND		ug/l	100	--	50
p-Chlorotoluene	ND		ug/l	100	--	50
1,2-Dibromo-3-chloropropane	ND		ug/l	100	--	50
Hexachlorobutadiene	ND		ug/l	30	--	50
Isopropylbenzene	ND		ug/l	100	--	50
p-Isopropyltoluene	ND		ug/l	100	--	50
Naphthalene	ND		ug/l	250	--	50
n-Propylbenzene	ND		ug/l	100	--	50
1,2,3-Trichlorobenzene	ND		ug/l	100	--	50
1,2,4-Trichlorobenzene	ND		ug/l	100	--	50
1,3,5-Trimethylbenzene	ND		ug/l	100	--	50
1,2,4-Trimethylbenzene	ND		ug/l	100	--	50
Ethyl ether	ND		ug/l	100	--	50

SAMPLE RESULTS

Lab ID: L1013561-06 D
Client ID: INFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 08/31/10 15:30
Date Received: 09/01/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Isopropyl Ether	ND		ug/l	100	--	50
Ethyl-Tert-Butyl-Ether	ND		ug/l	100	--	50
Tertiary-Amyl Methyl Ether	ND		ug/l	100	--	50
1,4-Dioxane	ND		ug/l	12000	--	50
Tentatively Identified Compounds						
Unknown C2HCl2F3	100	J	ug/l			50
Freon-113	400	J	ug/l			50
Pentane, 2-methyl-	420	J	ug/l			50
Pentane, 3-methyl-	550	J	ug/l			50
Hexane	520	J	ug/l			50
Cyclopentane, methyl-	650	J	ug/l			50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	107		70-130

SAMPLE RESULTS

Lab ID:	L1013561-07	Date Collected:	08/31/10 15:20
Client ID:	EFFLUENT	Date Received:	09/01/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	97,8260B		
Analytical Date:	09/02/10 20:43		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	20		ug/l	2.0	--	1
1,1-Dichloroethane	59		ug/l	1.0	--	1
Chloroform	ND		ug/l	1.0	--	1
Carbon tetrachloride	ND		ug/l	1.0	--	1
1,2-Dichloropropane	ND		ug/l	1.0	--	1
Dibromochloromethane	ND		ug/l	1.0	--	1
1,1,2-Trichloroethane	ND		ug/l	1.0	--	1
Tetrachloroethene	ND		ug/l	1.0	--	1
Chlorobenzene	ND		ug/l	1.0	--	1
Trichlorofluoromethane	ND		ug/l	2.0	--	1
1,2-Dichloroethane	ND		ug/l	1.0	--	1
1,1,1-Trichloroethane	12		ug/l	1.0	--	1
Bromodichloromethane	ND		ug/l	1.0	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.0	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Benzene	ND		ug/l	1.0	--	1
Toluene	ND		ug/l	1.0	--	1
Ethylbenzene	ND		ug/l	1.0	--	1
Chloromethane	ND		ug/l	2.0	--	1
Bromomethane	ND		ug/l	2.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	5.8		ug/l	2.0	--	1
1,1-Dichloroethene	ND		ug/l	1.0	--	1
trans-1,2-Dichloroethene	ND		ug/l	1.0	--	1
Trichloroethene	ND		ug/l	1.0	--	1
1,2-Dichlorobenzene	ND		ug/l	1.0	--	1
1,3-Dichlorobenzene	ND		ug/l	1.0	--	1

Project Name:	ITW-TACC	**Lab Number:**	L1013561
Project Number:	135546	**Report Date:**	09/09/10

SAMPLE RESULTS

Lab ID:	L1013561-07	Date Collected:	08/31/10 15:20
Client ID:	EFFLUENT	Date Received:	09/01/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	1.0	--	1
Methyl tert butyl ether	ND		ug/l	2.0	--	1
p/m-Xylene	ND		ug/l	2.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	1.5		ug/l	1.0	--	1
Dibromomethane	ND		ug/l	2.0	--	1
1,2,3-Trichloropropane	ND		ug/l	2.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	2.0	--	1
Acetone	18		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	2.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.0	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Bromobenzene	ND		ug/l	2.0	--	1
n-Butylbenzene	ND		ug/l	2.0	--	1
sec-Butylbenzene	ND		ug/l	2.0	--	1
tert-Butylbenzene	ND		ug/l	2.0	--	1
o-Chlorotoluene	ND		ug/l	2.0	--	1
p-Chlorotoluene	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.0	--	1
Hexachlorobutadiene	ND		ug/l	0.60	--	1
Isopropylbenzene	ND		ug/l	2.0	--	1
p-Isopropyltoluene	ND		ug/l	2.0	--	1
Naphthalene	ND		ug/l	5.0	--	1
n-Propylbenzene	ND		ug/l	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.0	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.0	--	1
t,2,4-Trimethylbenzene	ND		ug/l	2.0	--	1
Ethyl ether	ND		ug/l	2.0	--	1

SAMPLE RESULTS

Lab ID: L1013561-07
Client ID: EFFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 08/31/10 15:20
Date Received: 09/01/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Isopropyl Ether	ND		ug/l	2.0	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Tentatively Identified Compounds						
Dimethyl ether	4.2	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	110		70-130

SAMPLE RESULTS

Lab ID:	L1015849-01	D	Date Collected:	10/04/10 13:45
Client ID:	INFLUENT		Date Received:	10/08/10
Sample Location:	ROCKLAND, MA		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	97,8260B			
Analytical Date:	10/12/10 13:05			
Analyst:	MM			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	80	--	40
t,1-Dichloroethane	2600		ug/l	40	--	40
Chloroform	ND		ug/l	40	--	40
Carbon tetrachloride	ND		ug/l	40	--	40
1,2-Dichloropropane	ND		ug/l	40	--	40
Dibromochloromethane	ND		ug/l	40	--	40
1,1,2-Trichloroethane	ND		ug/l	40	--	40
Tetrachloroethene	ND		ug/l	40	--	40
Chlorobenzene	ND		ug/l	40	--	40
Trichlorofluoromethane	ND		ug/l	80	--	40
1,2-Dichloroethane	ND		ug/l	40	--	40
1,1,1-Trichloroethane	3700		ug/l	40	--	40
Bromodichloromethane	ND		ug/l	40	--	40
trans-1,3-Dichloropropene	ND		ug/l	20	--	40
cis-1,3-Dichloropropene	ND		ug/l	20	--	40
1,1-Dichloropropene	ND		ug/l	80	--	40
Bromoform	ND		ug/l	80	--	40
t,1,2,2-Tetrachloroethane	ND		ug/l	40	--	40
Benzene	ND		ug/l	40	--	40
Toluene	610		ug/l	40	--	40
Ethylbenzene	ND		ug/l	40	--	40
Chloromethane	ND		ug/l	80	--	40
Bromomethane	ND		ug/l	80	--	40
Vinyl chloride	ND		ug/l	40	--	40
Chloroethane	480		ug/l	80	--	40
1,1-Dichloroethene	220		ug/l	40	--	40
trans-1,2-Dichloroethene	ND		ug/l	40	--	40
Trichloroethene	ND		ug/l	40	--	40
1,2-Dichlorobenzene	ND		ug/l	40	--	40
1,3-Dichlorobenzene	ND		ug/l	40	--	40

Project Name: ITW-TACC
Project Number: 135546

Lab Number: L1015849
Report Date: 10/14/10

SAMPLE RESULTS

Lab ID: L1015849-01 D
Client ID: INFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 10/04/10 13:45
Date Received: 10/08/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	40	--	40
Methyl tert butyl ether	ND		ug/l	80	--	40
p/m-Xylene	ND		ug/l	80	--	40
o-Xylene	ND		ug/l	40	--	40
cis-1,2-Dichloroethene	1100		ug/l	40	--	40
Dibromomethane	ND		ug/l	80	--	40
1,2,3-Trichloropropane	ND		ug/l	80	--	40
Styrene	ND		ug/l	40	--	40
Dichlorodifluoromethane	ND		ug/l	80	--	40
Acetone	ND		ug/l	200	--	40
Carbon disulfide	ND		ug/l	80	--	40
2-Butanone	ND		ug/l	200	--	40
4-Methyl-2-pentanone	ND		ug/l	200	--	40
2-Hexanone	ND		ug/l	200	--	40
Bromochloromethane	ND		ug/l	80	--	40
Tetrahydrofuran	ND		ug/l	400	--	40
2,2-Dichloropropane	ND		ug/l	80	--	40
1,2-Dibromoethane	ND		ug/l	80	--	40
1,3-Dichloropropane	ND		ug/l	80	--	40
1,1,1,2-Tetrachloroethane	ND		ug/l	40	--	40
Bromobenzene	ND		ug/l	80	--	40
n-Butylbenzene	ND		ug/l	80	--	40
sec-Butylbenzene	ND		ug/l	80	--	40
tert-Butylbenzene	ND		ug/l	80	--	40
o-Chlorotoluene	ND		ug/l	80	--	40
p-Chlorotoluene	ND		ug/l	80	--	40
1,2-Dibromo-3-chloropropane	ND		ug/l	80	--	40
Hexachlorobutadiene	ND		ug/l	24	--	40
Isopropylbenzene	ND		ug/l	80	--	40
p-Isopropyltoluene	ND		ug/l	80	--	40
Naphthalene	ND		ug/l	80	--	40
n-Propylbenzene	ND		ug/l	80	--	40
1,2,3-Trichlorobenzene	ND		ug/l	80	--	40
1,2,4-Trichlorobenzene	ND		ug/l	80	--	40
1,3,5-Trimethylbenzene	ND		ug/l	80	--	40
1,2,4-Trimethylbenzene	ND		ug/l	80	--	40
Ethyl ether	ND		ug/l	80	--	40

SAMPLE RESULTS

Lab ID: L1015849-01 D
Client ID: INFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 10/04/10 13:45
Date Received: 10/08/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Isopropyl Ether	ND		ug/l	80	--	40
Ethyl-Tert-Butyl-Ether	ND		ug/l	80	--	40
Tertiary-Amyl Methyl Ether	ND		ug/l	80	--	40
1,4-Dioxane	ND		ug/l	10000	--	40
Tentatively Identified Compounds						
Cyclopentane, methyl-	530	J	ug/l			40
Cyclohexane	110	J	ug/l			40
Unknown Alkane	4.0	J	ug/l			40

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	116		70-130

Project Name: ITW-TACC
Project Number: 135546

Lab Number: L1015849
Report Date: 10/14/10

SAMPLE RESULTS

Lab ID: L1015849-02
Client ID: EFFLUENT
Sample Location: ROCKLAND, MA
Matrix: Water
Analytical Method: 97,8260B
Analytical Date: 10/12/10 13:37
Analyst: MM

Date Collected: 10/04/10 14:15
Date Received: 10/08/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	2.0	--	1
1,1-Dichloroethane	5.4		ug/l	1.0	--	1
Chloroform	ND		ug/l	1.0	--	1
Carbon tetrachloride	ND		ug/l	1.0	--	1
1,2-Dichloropropane	ND		ug/l	1.0	--	1
Dibromochloromethane	ND		ug/l	1.0	--	1
1,1,2-Trichloroethane	ND		ug/l	1.0	--	1
Tetrachloroethene	ND		ug/l	1.0	--	1
Chlorobenzene	ND		ug/l	1.0	--	1
Trichlorofluoromethane	ND		ug/l	2.0	--	1
1,2-Dichloroethane	ND		ug/l	1.0	--	1
1,1,1-Trichloroethane	2.9		ug/l	1.0	--	1
Bromodichloromethane	ND		ug/l	1.0	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.0	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Benzene	ND		ug/l	1.0	--	1
Toluene	ND		ug/l	1.0	--	1
Ethylbenzene	ND		ug/l	1.0	--	1
Chloromethane	ND		ug/l	2.0	--	1
Bromomethane	ND		ug/l	2.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	2.0	--	1
1,1-Dichloroethene	ND		ug/l	1.0	--	1
trans-1,2-Dichloroethene	ND		ug/l	1.0	--	1
Trichloroethene	ND		ug/l	1.0	--	1
1,2-Dichlorobenzene	ND		ug/l	1.0	--	1
1,3-Dichlorobenzene	ND		ug/l	1.0	--	1

Project Name: ITW-TACC
Project Number: 135546

Lab Number: L1015849
Report Date: 10/14/10

SAMPLE RESULTS

Lab ID: L1015849-02
Client ID: EFFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 10/04/10 14:15
Date Received: 10/08/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	1.0	--	1
Methyl tert butyl ether	ND		ug/l	2.0	--	1
p/m-Xylene	ND		ug/l	2.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	--	1
Dibromomethane	ND		ug/l	2.0	--	1
1,2,3-Trichloropropane	ND		ug/l	2.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	2.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	2.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.0	--	1
Tetrahydrofuran	ND		ug/l	10	--	1
2,2-Dichloropropane	ND		ug/l	2.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Bromobenzene	ND		ug/l	2.0	--	1
n-Butylbenzene	ND		ug/l	2.0	--	1
sec-Butylbenzene	ND		ug/l	2.0	--	1
tert-Butylbenzene	ND		ug/l	2.0	--	1
o-Chlorotoluene	ND		ug/l	2.0	--	1
p-Chlorotoluene	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.0	--	1
Hexachlorobutadiene	ND		ug/l	0.60	--	1
Isopropylbenzene	ND		ug/l	2.0	--	1
p-Isopropyltoluene	ND		ug/l	2.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
n-Propylbenzene	ND		ug/l	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.0	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.0	--	1
Ethyl ether	ND		ug/l	2.0	--	1

SAMPLE RESULTS

Lab ID:	L1015849-02	Date Collected:	10/04/10 14:15
Client ID:	EFFLUENT	Date Received:	10/08/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Isopropyl Ether	ND		ug/l	2.0	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	117		70-130

Project Name: ITW-TACC
Project Number: 135546

Lab Number: L1018992
Report Date: 12/07/10

SAMPLE RESULTS

Lab ID: L1018992-11 D
Client ID: INFLUENT
Sample Location: ROCKLAND, MA
Matrix: Water
Analytical Method: 97,8260B
Analytical Date: 11/30/10 10:34
Analyst: MM

Date Collected: 11/29/10 14:38
Date Received: 11/29/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	400	--	200
1,1-Dichloroethane	4900		ug/l	200	--	200
Chloroform	ND		ug/l	200	--	200
Carbon tetrachloride	ND		ug/l	200	--	200
1,2-Dichloropropane	ND		ug/l	200	--	200
Dibromochloromethane	ND		ug/l	200	--	200
1,1,2-Trichloroethane	ND		ug/l	200	--	200
Tetrachloroethene	ND		ug/l	200	--	200
Chlorobenzene	ND		ug/l	200	--	200
Trichlorofluoromethane	ND		ug/l	400	--	200
1,2-Dichloroethane	ND		ug/l	200	--	200
1,1,1-Trichloroethane	8500		ug/l	200	--	200
Bromodichloromethane	ND		ug/l	200	--	200
trans-1,3-Dichloropropene	ND		ug/l	100	--	200
cis-1,3-Dichloropropene	ND		ug/l	100	--	200
1,1-Dichloropropene	ND		ug/l	400	--	200
Bromoform	ND		ug/l	400	--	200
1,1,2,2-Tetrachloroethane	ND		ug/l	200	--	200
Benzene	ND		ug/l	200	--	200
Toluene	200		ug/l	200	--	200
Ethylbenzene	ND		ug/l	200	--	200
Chloromethane	ND		ug/l	400	--	200
Bromomethane	ND		ug/l	400	--	200
Vinyl chloride	ND		ug/l	200	--	200
Chloroethane	580		ug/l	400	--	200
1,1-Dichloroethene	510		ug/l	200	--	200
trans-1,2-Dichloroethene	ND		ug/l	200	--	200
Trichloroethene	ND		ug/l	200	--	200
1,2-Dichlorobenzene	ND		ug/l	200	--	200
1,3-Dichlorobenzene	ND		ug/l	200	--	200

SAMPLE RESULTS

Lab ID: L1018992-11 D
Client ID: INFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 11/29/10 14:38
Date Received: 11/29/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	200	--	200
Methyl tert butyl ether	ND		ug/l	400	--	200
p/m-Xylene	ND		ug/l	400	--	200
o-Xylene	ND		ug/l	200	--	200
cis-1,2-Dichloroethene	2200		ug/l	200	--	200
Dibromomethane	ND		ug/l	400	--	200
1,2,3-Trichloropropane	ND		ug/l	400	--	200
Styrene	ND		ug/l	200	--	200
Dichlorodifluoromethane	ND		ug/l	400	--	200
Acetone	ND		ug/l	1000	--	200
Carbon disulfide	ND		ug/l	400	--	200
2-Butanone	ND		ug/l	1000	--	200
4-Methyl-2-pentanone	ND		ug/l	1000	--	200
2-Hexanone	ND		ug/l	1000	--	200
Bromochloromethane	ND		ug/l	400	--	200
Tetrahydrofuran	ND		ug/l	1000	--	200
2,2-Dichloropropane	ND		ug/l	400	--	200
1,2-Dibromoethane	ND		ug/l	400	--	200
1,3-Dichloropropane	ND		ug/l	400	--	200
1,1,1,2-Tetrachloroethane	ND		ug/l	200	--	200
Bromobenzene	ND		ug/l	400	--	200
n-Butylbenzene	ND		ug/l	400	--	200
sec-Butylbenzene	ND		ug/l	400	--	200
tert-Butylbenzene	ND		ug/l	400	--	200
o-Chlorotoluene	ND		ug/l	400	--	200
p-Chlorotoluene	ND		ug/l	400	--	200
1,2-Dibromo-3-chloropropane	ND		ug/l	400	--	200
Hexachlorobutadiene	ND		ug/l	120	--	200
Isopropylbenzene	ND		ug/l	400	--	200
p-Isopropyltoluene	ND		ug/l	400	--	200
Naphthalene	ND		ug/l	400	--	200
n-Propylbenzene	ND		ug/l	400	--	200
1,2,3-Trichlorobenzene	ND		ug/l	400	--	200
1,2,4-Trichlorobenzene	ND		ug/l	400	--	200
1,3,5-Trimethylbenzene	ND		ug/l	400	--	200
1,2,4-Trimethylbenzene	ND		ug/l	400	--	200
Ethyl ether	ND		ug/l	400	--	200

SAMPLE RESULTS

Lab ID: L1018992-11 D
Client ID: INFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 11/29/10 14:38
Date Received: 11/29/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Isopropyl Ether	ND		ug/l	400	--	200
Ethyl-Tert-Butyl-Ether	ND		ug/l	400	--	200
Tertiary-Amyl Methyl Ether	ND		ug/l	400	--	200

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	112		70-130

Project Name: ITW-TACC
Project Number: 135546

Lab Number: L1018992
Report Date: 12/07/10

SAMPLE RESULTS

Lab ID:	L1018992-11	D	Date Collected:	11/29/10 14:38
Client ID:	INFLUENT		Date Received:	11/29/10
Sample Location:	ROCKLAND, MA		Field Prep:	Not Specified
Matrix:	Water			
Analytical Method:	97,8260B-SIM			
Analytical Date:	11/30/10 10:34			
Analyst:	MM			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics by SIM - Westborough Lab						
1,4-Dioxane	ND		ug/l	600	--	200

SAMPLE RESULTS

Lab ID:	L1018992-12	Date Collected:	11/29/10 15:00
Client ID:	EFFLUENT	Date Received:	11/29/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	97,8260B		
Analytical Date:	12/03/10 07:59		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	3.8		ug/l	2.0	--	1
1,1-Dichloroethane	13		ug/l	1.0	--	1
Chloroform	ND		ug/l	1.0	--	1
Carbon tetrachloride	ND		ug/l	1.0	--	1
1,2-Dichloropropane	ND		ug/l	1.0	--	1
Dibromochloromethane	ND		ug/l	1.0	--	1
1,1,2-Trichloroethane	ND		ug/l	1.0	--	1
Tetrachloroethene	ND		ug/l	1.0	--	1
Chlorobenzene	ND		ug/l	1.0	--	1
Trichlorofluoromethane	ND		ug/l	2.0	--	1
1,2-Dichloroethane	ND		ug/l	1.0	--	1
1,1,1-Trichloroethane	3.7		ug/l	1.0	--	1
Bromodichloromethane	ND		ug/l	1.0	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	2.0	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Benzene	ND		ug/l	1.0	--	1
Toluene	ND		ug/l	1.0	--	1
Ethylbenzene	ND		ug/l	1.0	--	1
Chloromethane	ND		ug/l	2.0	--	1
Bromomethane	ND		ug/l	2.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	2.0	--	1
1,1-Dichloroethene	ND		ug/l	1.0	--	1
trans-1,2-Dichloroethene	ND		ug/l	1.0	--	1
Trichloroethene	ND		ug/l	1.0	--	1
1,2-Dichlorobenzene	ND		ug/l	1.0	--	1
1,3-Dichlorobenzene	ND		ug/l	1.0	--	1

SAMPLE RESULTS

Lab ID: L1018992-12
Client ID: EFFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 11/29/10 15:00
Date Received: 11/29/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	1.0	--	1
Methyl tert butyl ether	ND		ug/l	2.0	--	1
p/m-Xylene	ND		ug/l	2.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	1.2		ug/l	1.0	--	1
Dibromomethane	ND		ug/l	2.0	--	1
1,2,3-Trichloropropane	ND		ug/l	2.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	2.0	--	1
Acetone	5.6		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	2.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.0	--	1
Tetrahydrofuran	ND		ug/l	5.0	--	1
2,2-Dichloropropane	ND		ug/l	2.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Bromobenzene	ND		ug/l	2.0	--	1
n-Butylbenzene	ND		ug/l	2.0	--	1
sec-Butylbenzene	ND		ug/l	2.0	--	1
tert-Butylbenzene	ND		ug/l	2.0	--	1
o-Chlorotoluene	ND		ug/l	2.0	--	1
p-Chlorotoluene	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.0	--	1
Hexachlorobutadiene	ND		ug/l	0.60	--	1
Isopropylbenzene	ND		ug/l	2.0	--	1
p-Isopropyltoluene	ND		ug/l	2.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
n-Propylbenzene	ND		ug/l	2.0	--	1
1,2,3-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.0	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.0	--	1
Ethyl ether	ND		ug/l	2.0	--	1

SAMPLE RESULTS

Lab ID: L1018992-12
Client ID: EFFLUENT
Sample Location: ROCKLAND, MA
Date Collected: 11/29/10 15:00
Date Received: 11/29/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Isopropyl Ether	ND		ug/l	2.0	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	104		70-130

Project Name:	ITW-TACC	**Lab Number:**	L1018992
Project Number:	135546	**Report Date:**	12/07/10

SAMPLE RESULTS

Lab ID:	L1018992-11	Date Collected:	11/29/10 14:38
Client ID:	INFLUENT	Date Received:	11/29/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	97,8270C	Extraction Date:	11/30/10 20:01
Analytical Date:	12/01/10 18:35		
Analyst:	JB		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Semivolatile Organics - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	--	1
Bis(2-chloroethyl)ether	ND		ug/l	5.0	--	1
1,2-Dichlorobenzene	ND		ug/l	5.0	--	1
1,3-Dichlorobenzene	ND		ug/l	5.0	--	1
1,4-Dichlorobenzene	ND		ug/l	5.0	--	1
3,3'-Dichlorobenzidine	ND		ug/l	10	--	1
2,4-Dinitrotoluene	ND		ug/l	5.0	--	1
2,6-Dinitrotoluene	ND		ug/l	5.0	--	1
Azobenzene	ND		ug/l	5.0	--	1
4-Bromophenyl phenyl ether	ND		ug/l	5.0	--	1
Bis(2-chloroisopropyl)ether	ND		ug/l	5.0	--	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	--	1
Isophorone	ND		ug/l	5.0	--	1
Nitrobenzene	ND		ug/l	5.0	--	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	5.0	--	1
Butyl benzyl phthalate	ND		ug/l	5.0	--	1
Di-n-butylphthalate	ND		ug/l	5.0	--	1
Di-n-octylphthalate	ND		ug/l	5.0	--	1
Diethyl phthalate	ND		ug/l	5.0	--	1
Dimethyl phthalate	ND		ug/l	5.0	--	1
Aniline	ND		ug/l	20	--	1
4-Chloroaniline	ND		ug/l	5.0	--	1
Dibenzofuran	ND		ug/l	5.0	--	1
Acetophenone	ND		ug/l	10	--	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	--	1
2-Chlorophenol	ND		ug/l	6.0	--	1
2,4-Dichlorophenol	ND		ug/l	10	--	1
2,4-Dimethylphenol	ND		ug/l	5.0	--	1
2-Nitrophenol	ND		ug/l	20	--	1
4-Nitrophenol	ND		ug/l	10	--	1

SAMPLE RESULTS

Lab ID: L1018992-11
Client ID: INFLUENT
Sample Location: ROCKLAND, MA

Date Collected: 11/29/10 14:38
Date Received: 11/29/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Semivolatile Organics - Westborough Lab						
2,4-Dinitrophenol	ND		ug/l	30	--	1
Phenol	ND		ug/l	7.0	--	1
2-Methylphenol	ND		ug/l	6.0	--	1
3-Methylphenol/4-Methylphenol	ND		ug/l	6.0	--	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		15-110
Phenol-d6	28		15-110
Nitrobenzene-d5	64		30-130
2-Fluorobiphenyl	79		30-130
2,4,6-Tribromophenol	110		15-110
4-Terphenyl-d14	94		30-130

Project Name:	ITW-TACC	**Lab Number:**	L1018992
Project Number:	135546	**Report Date:**	12/07/10

SAMPLE RESULTS

Lab ID:	L1018992-11	Date Collected:	11/29/10 14:38
Client ID:	INFLUENT	Date Received:	11/29/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	97,8270C-SIM	Extraction Date:	11/30/10 19:57
Analytical Date:	12/03/10 04:05		
Analyst:	JC		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Semivolatile Organics by SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	--	1
2-Chloronaphthalene	ND		ug/l	0.20	--	1
Fluoranthene	ND		ug/l	0.20	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Naphthalene	2.4		ug/l	0.20	--	1
Benzo(a)anthracene	ND		ug/l	0.20	--	1
Benzo(a)pyrene	ND		ug/l	0.20	--	1
Benzo(b)fluoranthene	ND		ug/l	0.20	--	1
Benzo(k)fluoranthene	ND		ug/l	0.20	--	1
Chrysene	ND		ug/l	0.20	--	1
Acenaphthylene	ND		ug/l	0.20	--	1
Anthracene	ND		ug/l	0.20	--	1
Benzo(ghl)perylene	ND		ug/l	0.20	--	1
Fluorene	ND		ug/l	0.20	--	1
Phenanthrene	ND		ug/l	0.20	--	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	--	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	--	1
Pyrene	ND		ug/l	0.20	--	1
2-Methylnaphthalene	ND		ug/l	0.20	--	1
Pentachlorophenol	ND		ug/l	0.80	--	1
Hexachlorobenzene	ND		ug/l	0.80	--	1
Hexachloroethane	ND		ug/l	0.80	--	1

Project Name:	ITW-TACC	**Lab Number:**	L1018992
Project Number:	135546	**Report Date:**	12/07/10

SAMPLE RESULTS

Lab ID:	L1018992-11	Date Collected:	11/29/10 14:38
Client ID:	INFLUENT	Date Received:	11/29/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Semivolatile Organics by SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		15-110
Phenol-d6	28		15-110
Nitrobenzene-d5	73		30-130
2-Fluorobiphenyl	78		30-130
2,4,6-Tribromophenol	103		15-110
4-Terphenyl-d14	**135**	Q	30-130

Project Name: ITW-TACC
Project Number: 135546

Lab Number: L1018992
Report Date: 12/07/10

SAMPLE RESULTS

Lab ID:	L1018992-11	Date Collected:	11/29/10 14:38
Client ID:	INFLUENT	Date Received:	11/29/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	97,8082	Extraction Date:	12/06/10 12:10
Analytical Date:	12/07/10 08:48	Cleanup Method1:	EPA 3665A
Analyst:	KB	Cleanup Date1:	12/07/10
		Cleanup Method2:	EPA 3660B
		Cleanup Date2:	12/07/10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Polychlorinated Biphenyls - Westborough Lab						
Aroclor 1016	ND		ug/l	0.258	--	1
Aroclor 1221	ND		ug/l	0.258	--	1
Aroclor 1232	ND		ug/l	0.258	--	1
Aroclor 1242	ND		ug/l	0.258	--	1
Aroclor 1248	ND		ug/l	0.258	--	1
Aroclor 1254	ND		ug/l	0.258	--	1
Aroclor 1260	ND		ug/l	0.258	--	1
Aroclor 1262	ND		ug/l	0.258	--	1
Aroclor 1268	ND		ug/l	0.258	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	122		30-150	B
Decachlorobiphenyl	122		30-150	B

Project Name:	ITW-TACC	**Lab Number:**	L1018992
Project Number:	135546	**Report Date:**	12/07/10

SAMPLE RESULTS

Lab ID:	L1018992-11	Date Collected:	11/29/10 14:38
Client ID:	INFLUENT	Date Received:	11/29/10
Sample Location:	ROCKLAND, MA	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Iron, Total	26		mg/l	0.05	--	1	12/01/10 12:00	12/07/10 13:00	EPA 3005A	97,6010B	AI

Project Name: ITW-TACC
Project Number: 135546

Lab Number: L1018992
Report Date: 12/07/10

SAMPLE RESULTS

Lab ID: L1018992-11
Client ID: INFLUENT
Sample Location: ROCKLAND, MA
Matrix: Water

Date Collected: 11/29/10 14:38
Date Received: 11/29/10
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
TPH	ND		mg/l	4.00	--	1	12/01/10 11:00	12/02/10 13:00	74,1664A	JO